WCAG 2 x ID	Critical Tests: Tests that if failed will likely remote uncer with functional parts from critical	Critical Test: Presc Estima will likely Percel	riptive All Usage	Usage without Us	age with limited Usage without	Usage without Usage with limited	Usage with Usage with no or	Usage with limited Usage with limited	Minimize Usage	with limited Privacy			
subSCs in notions database)	Ortical Tests: Tests that if failed will likely provent users with functional needs from critical — Issis adaptors in WCAG 2 requirements, brankform Pencelikable Test Alternatives Non-heat Contest Hos lod alternative	prevent users Conte from completing does n tasks test re	at of failure not influence soult	via	colour		Usage with Usage with no or without/with limited vision and capability without/with limited hearing (NEW)	atrength	seizure triggers or lea	ming			
1	Perceivable Text Alternatives												
1.1.1a	Has led alternative	Yes Yes		Users can perceive content									
				Users can perceive content - User needs visual content in text format so they can access the content using AT									
1.1.1b 1.1.1b.1 1.1.1b.2 1.1.1c	Conveys appropriate meaning Provides descriptive identification Has text equivalent alternative	Yes Yes Yes											
	Complex (non-text) material	Yes											
12 121 121a	Time-based Media Audio-only and Video-only (Prerecorded) Has audio alternative												
1218	Fait audio amenanye	Tes Sea				Users can perceive content - User needs a text or sign language alterative for audio only media so they can access the content visually							
						alternative for audio- only media so they can access the content visually							
1.2.15	Has video alternative	Yes Yes		Users can perceive coeffect - User reachs a text or audio alternative for video calvernative the content audibly or using AT Users can perceive coeffect - User needs a text for text videos as they can access the cost of they can access the cost of they can access the cost of the text of the call of t		content visually	Users can perceive content						
				- User needs a text or audio alternative for video-only media			Users can perceive content - User needs a lost alternative for video- only media so they can access the content using AT						
12.1c	Has text video alternative			the content audibly or using AT			can access the content using AT						
1,216	File lext voic anertative	Tes Sea		content - User needs a text or autio alternative			Content - User reads a text alternative for text						
				for test videos so they can access the content audibly or			Users can perceive content - User needs a text alternative for text videos as they can access the content using AT						
1.2.1d	Audo alternative is equivalent	Yes		using AT									
12.10 12.10 12.11 12.12 12.12	Audio attentative is equivatent Video alternative is equivatent Audio atternative includes implicit content Video alternative unce plain tenguage Castions (Prenconded)	Yes Maybe Maybe											
1.2.1h 1.2.2 1.2.2a	Video alternative uses plain language Captions (Prereconded) Has captions	Critical Yes											
	This Lapotes	Craca les				Users can parcelve context - User needs audio context in synchronized media provided as captions to they can access the context visually the context visually							
						synchronized media synchronized media provided as captions provided as caption so they can access so they can access							
1.2.26	Quality of captions Consistent style of captions	Ortical				the content valuesy the content valuesy							
12.2c 12.2d 12.2e 12.2f	Consident style of captions Captions are synchronous Captions are complete Captions are properly placed	Maybe Maybe											
1.2.3	Audio Description or Media Alternative (Prerecorded)												
new 1.2.4 1.2.4s	Captions are properly placed Audio Description or Media Alternative (Preeconded) Has audio description or media alternative Captions (Live) Has captions	Maybe Yes				lines can provide the							
- 244		-				Users can perceive content - User needs audio content in synchronized media provided as captions provided as captions to they can access the content visually the content visually							
						synchronized media provided as captions to here can access the section so they can access							
1.2.4b 1.2.4c 1.2.4d	Quality of Captions (Captions are Accurate) Captions are synchronous												
1.2.4d 1.2.4e 1.2.5	Captions are complete Captions are properly placed												
1.2.5 new 1.2.6	Casily of Captors (Captors are Accuste) Captors are complete Captors are complete Captors are properly placed Audio Description (Preseconded) Here audio description Sign Language (Preseconded) Here stign language												
new	Has sign language	Yes				Users can parceive content - User needs audio content in synchronizad media provided as sign language so they can access the content visually							
						content in synchronized media provided as sign							
12/-	Accurate sign language					access the content visually							
1.2.6a 1.2.6b	Valble sign language includes sufficient lighting, contrast, and resolution	Yes											
1.2.6c 1.2.6d 1.2.7	Access to sign language videos Extended Audio Description (Prerecorded)												
new 1.2.8 1.2.8s	Accurate sign language Visible sign language includes sufficient lighting, contrast, and resolution Apportaint for sudiance Access to sign language videos Detended Autos Description (Persecorded) Vise extended auto description Medica Alternative (Presecorded) Media alternative provided in text form					line and the							
1.2.8s	seecia alternative provided in text form	Tell		Users can perceive content - User needs visual and audio content in synchronized media provided in test format so they can access the content using AT		Users can parcelve content - User residu visual and audio content in synchronican media provided in text format ao hery can access the content using AT	Users can perceive content - User needs visual and audio content in synchronization media provided in link format ao they can access the content using AT						
				synchronized media provided in test format so they can		synchronized media provided in text format so they can	synchronized media provided in text format so they can						
1.2.85	Text-based media alternative accurately represents	Maxte		access the content using AT		access the content using AT	access the content using AT						
1.2.8c	Text-based media alternative accurately represents media content Link (access) to media alternative provided adjacent to media												
1.2.9 new	Audio-only (Live) Has audio alternative	Yes				Users can perceive content content	•						
						Users can parcelve content - User needs audio content is audio-only two mode provided in tool format so they can access the content visually content visually content visually	v						
						can access the content visually content visually							
1.3 1.3.1	Adaptable Information and Relationships												
13 131 131s 131s 131s	Adaptable Information and Relationships Page level containersharchors (lendmarks) Headings Labels for inputs/controls	Yes		lisers can recreive									
				structure - User needs input/control labels									
				provided programmatically ao they understand the purpose of the									
1.3.1d	Grouping for controls (fieldset/legend)	Maybe		Uses can proceed situations - User means tables provided page memorial only and page of the provided page of the p									
				relationships - User needs related controls to be necessarily									
				grouped so they understand their relatedness									
				Users can perceive structure - User needs labels									
				provided programmatically so they can access the									
				group label while focused on each control in the group									
1.3.1e	Text-level semantics (e.g. strong) Custom elements (e.g. role="img" for font icons) Table headings												
13.9 13.1g 13.1h 13.1i	Lats Visual content hidden from AT	Yes		Users can perceive									
				Users can perceive content - Users need nelevant visual content provided programmalically ao they can access the									
				programmatically so they can access the content using AT									
1.3.2 1.3.2s 1.3.2b	Meaningful Sequence Meaningful order of visible elements Invisible content in reading sequence												
1.3.2s 1.3.2b 1.3.2c 1.3.3	Maxingful cacquence Maxingful cace of visible elements Invisible content in reading sequence Dynamic elements inselled in reading sequence Sensercy Characteristics Exception for using tactile cases in instructions												
1.3.3a 1.3.4 new	Exception for using tactile cares in instructions Orientation Content does not restrict its view and operation	Yes Yes						Users Users					
								Users Descriptions of the second seco					
								User needs content provided in the crientation that orientation that					
								corresponds to their preferences so they can access and can access and					
1.3.5	Identify Input Purpose							symmet content on a operate content on a fixed display fixed display					
new	The purpose of each input field collecting information about the user can be programmatically	Maybe											
1.3.6 1.3.6a	destrined Identify Purpose Use personalization semantics	Maybe											
1.4	Distinguishable Use of Color	-											
1.4.1 DBW	Unanguarhose Use of Color is not used as the only visual means of Color is not used as the only visual means of conveying information, inducating an action, prompting a response, or distinguishing a visual element. Audio Control	Yes											
1.4.2 1.4.2a	Audio Control Audio Control Audio Control Autoplay Audio Control Turn Off	Maybe Yes Yes											
1.42a 1.42b 1.42c 1.43 1.43a	Audio Control Turn Off Audio Control adjust independent volume Contrast (Minimum)	Yes Yes											
	Audo Contra digust India Contrast (Minimum) Contrast exceptions Resize text												
new	Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality.	Maybe											
1.4.5 new	Images of Text If the technologies being used can achieve the visual presentation, text is used to convey	Yes											
1.4.5	information rather than images of text Contrast (Enhanced) The visual presentation of last and images of text												
147 147a	Reases incl Deceptor conjunctions and images of lead, lead can be extracted which as assilve technology up to 200 encounter without cases of a content of technology. Integrate of their of the inclusioning on being and on accieve the encounter of the inclusion of the other information states than images of tech Central (Erhanceco) The state presentation of the tart Trages of lead thas a content and or of leade 7.7 Low on the Stackground Audio												
1.47a 1.47b 1.47c 1.47d	No background Tum Off 20db Consistent and easy way to tum off that penalsts	Maybe Maybe											
1.4.7d 1.4.8 1.4.8a	Visual Presentation												
1.4.8a 1.4.8b													
14.8c	Text is not justified (aligned to both the left and the right margina).												
14.84	CLON, where there is a constraint of typical (we can be applied (we can be applied) (we can be applied) (we can be applied) (we can be applied) (we can be applied), and (wangengh space) (we can be applied), and (we can be applied) (we can be appl												
1.4.8e	rest can be resized without assistive technology up to 200 percent in a way that does not require the user to scroll horizontally to read a line of test on a full-screen window.												
1.4.9	Images of Text (No Exception) (see also Non-text content, above)												
1.4.9a 1.4.9b 1.4.10	Customizable Reflow												
1.4.10 1.4.10a 1.4.10b 1.4.11	Reading text blocks Navigation without horizontal scrolling												
1.4.11 DEW	Non-leat Contrast The visual presentation of User Interface Components and Craphical Objects have a contrast ratio of at least 3:1 against adjacent color(s												
	ratio of at least 3:1 against adjacent color(s Text Spacing												
1.4.12													

WCAG 2.x ID (new = no subSCs in notices	Critical Tests: Tests that if Nated will likely prevent users with functional needs from critical user needs — Tests adopted from VICAG 2 resultances. The list of the second second second second second to height, laterally, after spacing, not separating Centent on Neares of Focus I height marked from second pointer hover or haphoent focus tiggen additional content to become visible and then hildon, the biolong are true: daminable, hoverable, pensistent	Critical Test: Failure will likely prevent users from completing	Prescriptive Requirement: Context of failure does not influence	All Usage	Usage without vision	Usage with limited vision	Usage without perception of colour	Usage without hearing	Usage with limited hearing	Usage with without/with limited vision and without/with limited	Usage with no or limited vocal capability	Usage with limited manipulation or strength	Usage with limited reach	Minimize photosensitive seizure triggers	Usage with limited cognition, language or learning	Privacy			
database) new	breakdown No loss of content or functionality occurs by setting Ine beight, leading, lefter spacing, word spacing	tasks	test result							hearing (NEW)									
1.4.13 new	Content on Hover or Focus Where receiving and then removing pointer hover or between these biddens additional pointer hover or																		
	Reycoard tocus riggers additional content to become visible and then hidden, the following are true: damissable, hoverable, pensistent																		
2 2.1 2.1.1 new	Operable Keyboard Accessible Keyboard All functionality of the content is operable through a keyboard Interface No Keyboard Trap																		
2.1.1 new	Keyboard All functionality of the content is operable through a keyboard interface	Yes	Yes																
2.1.2 new	No Keyboard Trap If keyboard focus can be moved to a component of the pape using a keyboard interface, then focus can	Yes	Yes																
2.1.2s	If keybaard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface. Inform user of keyboard trap escape mechanism																		
2.12s 2.13 2.13s 2.13b 2.14 new	Reyboard (No Exception) Operable with keyboard only Does not rely on timings of keystrokes																		
2.1.30 2.1.4 DBW	Character Key Shortcuts Keyboard shortcut exceptions																		
2.2 2.2.1 2.2.1a 2.2.2	Enough Time Timing Adjustable Timing Esceptions Pause, Stop, Hilde																		
	Controlling Auto-updating content No Timing Timing is not an essential part of the event or activity presented by the content	Yes	Yes																
2.2.4	Timing is not an essential part of the event or activity presented by the content Interruptions																		
224s 224b 224c 224c 224d 224d	International by the content MorringUsters Morrin																		
2 2 4d 2 2 4e	Interruptions consistent emergency Interruptions control interruption based on context																		
2.2.4f 2.2.5 new	Interruptions save interruptions Re-authenticating																		
224	can continue the activity without loss of data after re- suftenticating.																		
2.2.6 2.2.6s 2.2.6b	ARIA 1.3 support for countdown timers Restart the countdown timer																		
	Save your work Selzures and Physical Reactions																		_
		Yes	Yes																
212	the fash is below the general fash and red fash thresholds.																		
232 232a	Warn users before encountering flashing third party content																		
2.3.3 new	Threas Flashess of Balow Threashold Web pages do not combin anything Patil Bahbas more think three lines is not you be accord period, or hyperabolica. Threas Flashes Wen users before encountering Bashing third party content Assistantion threas Interactions Motion animation triggered by inferaction can be disabled																		
2.4 2.4.1 new	Navigable Dypass Diocks																		
new 2.4.2	A mechanism is available to bypass blocks of content that are repeated on multiple Web pages. Page Titled																		
2.4.2 2.4.2s 2.4.3	Nevigable Bypass Blocks A machaniam is available to bypass blocks of context that are impassed on multiple Web pages. Page Titled Page titles describe topic or purpose Focus Order Focus Order																		
2.4.3a 2.4.4 new	Pocus management Link Purpose (in Context) The purpose of each link can be determined from the link test alone or from the link test together with the programmatically determined link context. Multiple Ways																		
	the link test alone or from the link test together with its programmatically determined link context Multiple Ways																		
	Multiple Ways More than one way is available to locate a Web page within a set of Web pages Headings and Labels Descriptive Islandings Descriptive Labels Farms Minible																		
2.4.6 2.4.6s 2.4.65 2.4.7	Descriptive Headings Descriptive Labels																		
2.4.7 new	Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is	f Yes	Yes																
248 2483 2485	Any keybeard operable user interface has a mode of operation where the keyboard focus indicator is visible. Location Breadcrumb Trail Site Map																		
248b 248c	Site Map Indicating Current Location Link Purpose (Link Only)																		
Dew .	A mechanism is available to allow the purpose of each link to be identified from link text alone																		
2.4.10 new 2.4.11 new	Section Headings Section headings are used to organize the content. Focus Appearance (Minimum)																		
	Focus Appearance (Minimum) When the keyboard focus indicator is visible, focus appearance requirements Focus Not Obscured (Minimum)																		
DEW.	When a user interface component receives keyboard focus, the component is not entirely bidden due to suffice-marked content																		
2.4.13 DEW	Focus Not Obscured (Enhanced) When a user interface component receives																		
2.4.13	Focus Not Obscured (Minimum) When a user interface component receives keyboard focus, the component is not enterly hidden due to sub-moraled content. Focus Not Obscured (Enhanced) When a user interface component receives keyboard focus, no part of the focus indicator is hidden by author-nambed content. Page Break Navigation																		
2.5 2.5.1 2.5.1s 2.5.1s 2.5.1c	Input Modalities Pointer Gestures Establish if complex gesture are used Check for single pointer operable alternative																		
2.5.10 2.5.1c 2.5.2	Unick for angle porter operates asertative Determine whether multi-point gestures have been defined Pointer Cancellation																		
2.52 new 2.53 new	Pointer Cancellation Pointer cancellation requirements Label in Name																		
DEW.	Pointer concellation requirements Label in Name Por user interactions components with labels that include text or images of lost, the name contains the text that is presented visually. Motion Actuation	Yes																	
2.5.4 new	Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user																		
2.5.5	Motion Actuation Functionally that can be operated by device motion or user motion can also be operated by user interfaces components and responsing to the motion can be disable to prevent accelental actuation Target Size (Enhanced) The size of the target for content incuts is at least 44																		
new 2.5.6	The size of the target for pointer inputs is at least 44 by 44 CSS pixels Concurrent input Mechanisms																		
2.5.6 new	Web content does not restrict use of input modalities available on a platform except where the restriction is essential, required to ensure the security of the																		
2.5.7 b	Target Experiments The set of the length of the set of																		
	operation can be achieved by a single pointer without dragging, unless dragging is essential or the functionality is determined by the user agent and not monifold to the writer.																		
258 258a 258b	Target Size (Minimum) Minimum Size Equivalent Control	Yes																	
																			_
3 3.1 3.1.1 new	Understandable Rasdable Language of Page The delukt human language of each Web page can be programmatically determined.																		
1.1.2	The default human language of each Web page can be programmatically determined. Language of Parts																		
DEW.	be programmatically determined. Langappe of Pariat The human language of each passage or phase in the context can be programmatically determined eacept for proper names, ischnical learns, words of indeterminels learguages, and words or phrases that have become part of the versacular of the immediately survaiding lass. Ususual Words Americanian is available for Identifyion survities																		
3.1.3	have become part of the vernacular of the immediately surrounding lext.																		
DEW.	A mechanism is available for identifying specific definitions of words or phrases used in an unusual or restricted way, including idloms and jargon. Abbreviations																		
3.1.4 3.1.4s 3.1.4b	Abbreviations Abbreviations just in time Abbreviation Escanded From																		
3.1.4a 3.1.4b 3.1.4c 3.1.5 new	Abbreviations just in time Abbreviation Expanded Form Abbreviation Mechanism Meaning Reading Level																		
Dew .	Reading Level When has requires marking ability more advanced than the lower secondary education lives after networkel of programmars and titles, supplemental content, or a version that does not require reading ability more advanced than the lower secondary education level, is available.																		
3.1.6	ability more advanced than the lower secondary education level, is available. Pronunciation																		
3.1.6 new	Procunciation A mechanism is available for identifying specific pronuciation of works where meaning of the works, in context, is a molycous without knowing the pronunciation.																		
3.2.1	On Focus	Yes																	
3.2.2 new	On Input Changing the setting of any user interface	Yes																	
	component does not automatically cause a change of context unless the user has been advised of the behavior before using the component.																		
1.2.3 new	Nevigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time here an																		
1.2.4 new	repeated, unless a change is initiated by the user. Consistent identification Components that these the same functionality																		
12.5	a set of Web pages are identified consistently. Change on Request																		
125a 125b 126	reserVCR Change of content from unexpected user action Consistent Help																		
126 new	Man an any information of the sector of the																		
3.2.7	they occur in the same relative order to other page content, unless a change is initiated by the user Visible Controls																		
327a 327b 327c	Control viable Equivalent control available Mechanism to make controls pensistently viable	Maybe																	
3.3	Input Assistance																		
13 331 331a	Input Assistance Error Identification Identifies an error exists in test	Maybe		Users get instructions for	Users can perceive content														
				content - User needs an error message when an error or own the	Users can perceive content - User needs an error message in text format so they can access the content with a screen reader and Braile display														
33.15	Adequately describes the error	Maybe		know something went wrong Users can	with a screen reader and Braile display														
				understand content - User needs an error message that describes															
3.3.1c	Considerily describes the over (and how a			so they know what went wrong															
	Consistently describes the error (not from current SC) Labels or Instructions Labels or instructions are provided when content requires user input.																		
	Labels or instructions are provided when content requires user input. Error Suggestion																		

(new = no subSCs in	prevent users with functional needs from critical user needs	Failure will likely prevent users	Requirement: Context of failure	All Usage	Usage without vision		Usage without perception of colour	Usage without hearing	without/with limited vision and	limited vocal capability	Usage with limited manipulation or strength	Usage with limited reach	Minimize photosensitive seizure triggers	Usage with limited cognition, language or learning	Privacy			
notions database)	- tests adapted from WCAG 2 requirements. breakdown	from completing tasks	does not influence test result						without/with limited hearing (NEW)									
new	If an input ensor is automatically detected and suggestions are known, this the suggestions are provided to the user, unless it would jeopardue the security or purpose of the content.	Maybe												Users get instructions for content - User needs an error message with remedy instructions as they know how to recover from the error				
3338		Maybe				Users can perceive content - User needs an error message that displays at the source of the error so they can access the error suggestions while located on the source of the error while using screen magnification								Users can perceive content - User needs an error reessage that displays at the source of the error so they can access the error suggestions while focused on the source of the error				
3336	Suggestions remain visible and available	Maybe												Users get instructions for content - User needs an error message that persists until the error is nemedied so they have guidance for as long as it takes to address the error				
1.3.4	Error Prevention (Legal, Financial, Data)																	
334a	Reversible Submission																	
3.3.4.b	Check before submission																	
3.3.4.c	Users are allowed to confirm submissions																	
1.1.5	Help																	
335a	Inline assistance																	
335b	Site Help																	
3.3.5.c	Page or View help																	
3.3.6	Error Prevention (All)																	
13.7	Error prevention requirements																	
	Accessible Authentication																	
3.3.7a	Allow for UA help																	
3.3.7b 3.3.8	Without agency/autonomy																	
3.3.8	Redundant entry Information previously entered by or provided to the																	
	user that is required to be entered again in the same process is either auto-populated, or available for the user to select.																	
4	Robust																	
41	Compatible																	
4.1.1	Parsing (SKIP THIS)																	
4.1.2	Name, Role, Value																	
4.1.2a		Yes	Yes															
4.1.2b	Programmatic identification of type of element (Role)																	
4.1.2c	Programmatic identification of state (State)																	
4.1.2d	Programmatic identification of values of user interface controls (Value)																	
4.1.3	Status Messages																	
4.1.3a	Programmatic status messages	Maybe																
4.1.3b	Status interrupt level																	
4.1.3c	Appropriate areas identified as messages																	

Main level	Secondary level	Main User Needs
Perceivable	Provide consistent content (static / fixed)	Users can perceive content
Perceivable	Provide consistent content (static / fixed)	Users can perceive controls roles states and properties
Perceivable	Provide consistent content (static / fixed)	Users can perceive structure
Perceivable	Provide consistent content (static / fixed)	Users can perceive purpose
Perceivable	Provide consistent content (static / fixed)	Users can perceive input values
Perceivable	Reveal changed content	Users can perceive changes to content
Perceivable	Reveal changed content	Users can perceive changes to controls roles states and properties
Perceivable	Reveal changed content	Users can perceive changes to purpose
Perceivable	Reveal changed content	Users can perceive changes to input values
Operable	Provide consistent interactions	Users can operate content
Operable	Provide consistent interactions	Users can operate controls roles states and properties
Operable	Provide consistent interactions	Users can operate navigation
Operable	Provide consistent interactions	Users can navigate structure document and application
Operable	Allow adjustable content	Users can adjust duration requirements
Operable	Allow adjustable content	Users can adjust content orientation
Operable	Allow adjustable content	Users can adjust orientation in space
Understandable	Make appearance understandable	Users can understand content
Understandable	Make appearance understandable	Users can understand controls
Understandable	Make appearance understandable	Users can understand structure
Understandable	Make appearance understandable	Users can understand navigation
Understandable	Make appearance understandable	Users can understand changed content
Understandable	Make appearance understandable	Users can understand purpose
Understandable	Make appearance understandable	Users can understand relationships
Understandable	Provide help and instructions	Users get instructions for content
Understandable	Provide help and instructions	Users get instructions for interaction
Understandable	Provide help and instructions	Users get instructions for support for modalities
Understandable	Provide help and instructions	Users get instructions for personalization options
Understandable	Provide help and instructions	Users get instructions for processes
Understandable	Provide help and instructions	Users get help through moderated form input
Understandable	Provide help and instructions	Users get help through alert awareness
Understandable	Make position and orientation clear	Users can identify their position in content
Understandable	Make position and orientation clear	Users can identify their position in context
Understandable	Make position and orientation clear	Users can identify their position in a process
Understandable	Make position and orientation clear	Users can identify their position in a space
Understandable		Users can orientate themselves in immersive environments
	Make position and orientation clear	
Understandable	Make position and orientation clear	Users can orientate themselves in augmented environments
Understandable	Make discoverable	Users can discover content
Understandable	Make discoverable	Users can discover context
Understandable	Make discoverable	Users can discover customization options
Personalization	Customization	Users can customize content or request
Personalization	Customization	Users can customize context or request
Personalization	Customization	Users can customize functionality settings or request
Personalization	Customization	Users get customized via platform content
Personalization	Customization	Users get customized via platform context
Personalization	Customization	Users get customized via platform functionality
Personalization	Customization	Users can control time sensitive content
Personalization	Customization	Users can control time sensitive tasks
Personalization	Customization	Users can control time based media including dynamic values eq volume
Personalization	Preferences	Users personalization preferences are allowed
Personalization	Preferences	Users personalization preferences are honored by content authors
Personalization	Preferences	Users personalization preferences are not compromised by security
Personalization	Preferences	Users personalization preferences do not compromise privacy
Personalization	Preferences	Users can do interact device independently
Personalization	Preferences	Users can do input data device independently
Personalization	Preferences	Users can do route and control output device independently
Deceptive Patterns	Distractions and Interruptions	Users attention can be focussed
-	Distractions and Interruptions	Users attention can be directed

Deceptive Patterns	Distractions and Interruptions	Users attention can be shifted
Deceptive Patterns	No Harm	Users are not harmed neurologically
Deceptive Patterns	No Harm	Users are not harmed emotionally

Critical Yests: Tests that if failed will likely prevent users with functional needs from critical user meds — tests adapted from WCAG 3 Editor's Draft 7 Jul 2022	Issue rating: Critical applies to issues (failed tests) that will likely prevent users from completing tasks	All Usage	Usage without vision	Usage with limited vision	Usage without perception of colour	Usage without hearing	Usage with limited hearing	Usage with no or limited vocal capability	Usage with limited manipulation or strength	Usage with limited reach	Minimize photosensitive seizure triggers	Usage with limited cognition, language or learning	Privacy					
Guideline: Text Alternatives Outcome: Text alternative available	completing tasks																	
Outcome: Text alternative available Method: Text alternative for image of text																		
Outcome: test alternative available Method: Even alternative documents of test Check that each image in the content that contains text that is not purely decorative has a text alternative that serves an equivalent purpose. Method: Evenctional images																		
Check that each functional (operable) image has a text alternative	Critical		Users can perceive controls	Users can perceive														
atternative. Check that each functional image that contains text that is not purely decorative has a text alternative containing the same text.			controls	controls					Users can operate controls									
purely decorative has a text alternative containing the same text. Check that each functional image within a text link is either implemented to be imposed to avoid the behavior of purchase									controls									
Check that each functional image within a text link is either implemented to be ignored by assative technology or provided with a text alternative describing the image and supplementing the link text. Check that each image that is a button has a text alternative indicating the button's function.	Oritical		Liters can nerreive															
			Users can perceive controls															
Check that visible ing, sog and canvas elements that are ignored by assistive technologies are decorative. Method: Informative images																		
Check that each image that conveys meaning has a text alternative	Critical																	
Check that functional, informative, and images of text have observative text that search are excitated excesses of the	Critical																	
image: Functional images describe the function Informative images describe the function Informative images describe the image Images of fact repeat the fact or the equivalent purpose of the text.																		
Check that decorative images are appropriately coded (see "Decorative Images" method) so they are hidden to assistive technology.																		
Method: Author control of text alternatives Use the tool to insert an image as appropriate for the app. Check that the alternative toot can be edited by the author and that edited version can be published.	Critical																	
Guideline: Clear Words Outcome: Common clear words																		
Method: Use clear words																		
There are no undefined technical or jargon words Uses common words and defines unusual words in one click and one click return	Maybe																	
and one click return Uses common words and includes a glossary (at the end of a document that the person has to navigate to and back from.)																		
Guideline: Captions Outcome: Translates speech and non-speech audio																		
Outcome: Translates speech and non-speech audio Method: Provides last envirolents of speech and key																		
Method: Provides text equivalents of speech and key sound effect Check that each video containing speech and non-speech audio has a text equivalent provided as captors.	Critical					Users can perceive content	Users can perceive											
audio has a text equivalent provided as captions. Check that the captions can be turned on and off - Closed captions can be turned on and off - Open captions cannot be turned off	Maybe					content	content											
 Open captions cannot be turned off Check that each video containing speech and non-speech audio has a text equivalent provided as a transcript. (new) 	Critical																	
Method: Reflow of captions and other text in context																		
Check that there is support for reflow of captions and other test. Clearly that a monotonic points to second 6 other test within the																		
Check that a mechanism exists to reveal further text within the XR environment without the need to scroll. Check that there are semantics present that define context and relationships between related captions, subtities and their																		
source. Check that where captions and other text may be placed on a second screen, context and source information is maintained.																		
Outcome: Conveys information about the sound Method: Provides visual equivalent of speech and non- speech audio metadata																		
Check that caption is positioned (of all dialogue and important scunds) in the same location as the sound source that it is representing.																		
Guideline: Structured Content																		
Outcome: Headings organize content Nethod: Relevant headings																		
Check that each section on the page starts with a heading. Check that each heading relates to the content contained in the section.	Marka																	
Outcome: Uses visually distinct headings																		
Method: Visually distinct Compare heading content with non-heading content. The size, weight, or spacing around headings should be larger than that of non-heading content.																		
of non-heading content. Onto-meading content.																		
Outcome: Conveys hierarchy with semantic structure <u>Method: Semantic headings</u> Cleak that headings and a strad when control in a																		
Check that heading markup is used when content is a heading. Check that the heading markup is at the correct level.																		
Check that heading markup is not used when content is not a heading.																		
Guideline: Visual Contrast of Text																		
Outcome: Luminance contrast between background and																		
text Method: Select font characteristics and background, colors to accretise enough contrast for readability. Check that the absolute value of the predicted contrast percentage meets or exceeds the required value for the font weight and size in the content.																		
Guideline: Error Prevention Outcome: Input instructions provided																		
	Calina																	
Identify inputs that only accept data in a given format. Check that the page or view provides details about the required format. Check that the instructions use clear words.	Citta																	
Check that the instructions use clear words. Identify instructions that would benefit from an illustrative example. Check that the instructions include an example of data in the required format.																		
	Maybe																	
Check that the required status is conveyed visually. For non-text visual indicators, check that instructions are provided that explain the non-sext indicator.																		
provided that explain the non-text indicator. Check that required inputs include the required attribute and/or the aria-required attribute.																		
For the aria-required attribute, check that the attribute value is																		
tear . Method: Instructions available at the source of input Check that instructions for data entry requirements are evaluable on the page or view.	Calina																	
available on the page or view. Chark that the instructions remain visible and multiplic while	Cilical																	
Check that the instructions remain visible and available while entering data. Check that the instructions are near the input.	Maybe																	
Check that the instructions are near the input. Check that instructions are programmatically defined and associated with the input.	Critical																	

Document		
information Description	This workbook contains the Guidelines, Outcomes, Critical Errors, Methods, and Tests from	
Description	WCAG 3 FPWD on the Combined worksheet. The Methods and Tests worksheet is structured for group work, with each subgroup member rating WCAG 3 Methods for severity. The Severity Worksheet is a working space to break down the WCAG 3 content into Tests and rate each Test by functional needs, starting from the Methods with inter-rater agreement.	
Sources:	W3C Accessibility Guidelines (WCAG) 3.0 W3C Working Draft 07 December 2021 https://www.w3.org/TR/wcag-3.0/	
	Main Functional Needs - Main User Needs - Main Outcomes https://docs.google.com/document/d/16ZeCqTRTY0ImWvp1Xv_w00iH1OzyECBa1UXQ_Ueoc	i <u>Q/edit</u>
	W3C Accessibility Guidelines (WCAG) 3.0 W3C Editor's Draft 07 July 2022 https://w3c.github.io/silver/guidelines/	
	EN 301 549 V3.2.1 (2021-03) https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.02.01 _60/en_301549v030201p.pdf	
User stories	https://www.tpgi.com/how-write-user-stories-accessibility-requirements/	
Definitions	From WCAG 3 Working Draft	
Process	A sequence of steps that need to be completed in order to accomplish an activity / task from	
1100633	end-to-end.	
Critical error	An accessibility problem that will stop a user from being able to complete a process. Critical errors include: Items that will stop a user from being able to complete the task if it exists anywhere on the view (examples: flashing, keyboard trap, audio with no pause); Errors that when located within a process means the process cannot be completed (example: submit button not in tab order); Errors that when aggregated within a view or across a process cause failure (example: a large	
-	amount of confusing, ambiguous language).	
Source:	W3C Accessibility Guidelines (WCAG) 3.0 W3C Working Draft 07 December 2021 https://www.w3.org/TR/wcag-3.0/	
Critical	Tests that if failed will likely make it impossible for users to independently "locate, identify, and	Adapted from EN 301 549 V3.2.1 (2021-03)
10.4	operate ICT functions, and to access the information provided."	
High Medium	TBC TBC	
Low	TBC	
LOW		
Sources for defining		
severity ratings		
	From Barrier Walkthrough Method	
Critical problem	The barrier is so big that very often users give up, and they do not reach their goals. This can happen after users have spent considerable time and effort to try to overcome the barrier, perhaps with many errors. There are no alternative ways (known to the users) that can be followed to achieve the goals. The barrier has a strong negative impact on effectiveness, and consequently also on productivity, satisfaction and safety.	
Significant problem	The barrier is detected and it heavily affects the task execution. To overcome the barrier the user has to back-up, follow a trial-and-error strategy, guess the proper action, repeat an action several times; the user may incur in errors. In many cases it is not possible to avoid the barrier, which reduces effectiveness and/or security; even if it can be avoided, this requires a substantial knowledge and/or memory (to recall that there is the barrier and on how to avoid it). The barrier affects effectiveness, productivity, satisfaction and also safety.	
Minor problem	The barrier is detected by the user, but there are simple ways to overcome it or to avoid it; it is easy to remember it, to learn how to avoid or get around it. This barrier affects marginally productivity or satisfaction, but not effectiveness nor safety.	
Source:	Brajnik, G., Barrier Walkthrough Method https://users.dimi.uniud.it/~giorgio.brajnik/projects/bw/bw.html	
Francisco - 1 March - 1		
Functional Needs (from EN 301 549 V3. 2.1 (2021-03))		
-	Where ICT provides visual modes of operation, the ICT provides at least one mode of operation that does not require vision. This is essential for users without vision and benefits many more users in different situations.	
Usage with limited vision	Where ICT provides visual modes of operation, the ICT provides features that enable users to make better use of their limited vision. This is essential for users with limited vision and benefits many more users in different situations.	
Usage without perception of colour	Where ICT provides visual modes of operation, the ICT provides a visual mode of operation that does not require user perception of colour. This is essential for users with limited colour perception and benefits many more users in different situations.	
Usage without hearing	Where ICT provides auditory modes of operation, the ICT provides at least one mode of operation that does not require hearing. This is essential for users without hearing and benefits many more users in different situations.	
Usage with limited hearing	Where ICT provides auditory modes of operation, the ICT provides enhanced audio features. This is essential for users with limited hearing and benefits many more users in different situations.	
Usage with no or limited vocal capability	Where ICT requires vocal input from users, the ICT provides at least one mode of operation that does not require them to generate vocal output. This is essential users with no or limited vocal capability and benefits many more users in different situations.	
Usage with limited manipulation or strength	Where ICT requires manual actions, the ICT provides features that enable users to make use of the ICT through alternative actions not requiring manipulation, simultaneous action or hand strength. This is essential for users with limited manipulation or strength and benefits many more users in different situations.	
Usage with limited reach	Where ICT products are free-standing or installed, all the elements required for operation will need to be within reach of all users. This is essential for users with limited reach and benefits many more users in different situations.	

Minimize photosensitive seizure triggers	Where ICT provides visual modes of operation, the ICT provides at least one mode of operation that minimizes the potential for triggering photosensitive seizures. This is essential for users with photosensitive seizure triggers.	
Usage with limited cognition, language or learning	The ICT provides features and/or presentation that makes it simpler and easier to understand, operate and use. This is essential for users with limited cognition, language or learning, and benefits many more users in different situations.	
Privacy	Where ICT provides features for accessibility, the ICT maintains the privacy of users of these features at the same level as other users.	

Critical Tests: Tests that if failed will Realy powent users with functional needs from critical user needs — Tests adapted from WCAG 3 Editor's Dest 7 Jul 2022	leave rating: Critical applies to leaves (tailed teats) that will likely prevent	Shawn	Azian	Francis	Sarah A	ll Unage Un via	sage without sion	Usage with limited vision	Usage without perception of colour	Usage without hearing	Usage with limited hearing	Usage with no or limited vocal capability	Usage with limited manipulation or strength	Usage with limited reach	Minimize photosensitive seizure triggers	Usage with limited Priva cognition, language or learning	ay			
Guideline: Text Alternatives	completing tasks																			
Outcome: Text alternative available Method: Text alternative for image of text																				
Check that each image in the content that contains text that is not purely decorative has a text alternative that serves an equivalent purpose.																				
Method: Functional Images Check that each functional (operable) image has a text elementum	Critical					Us	sers can perceive	Users can perceive controls												
Check that each functional image that contains text that is not purely decorative has a text alternative containing the same text.	Critical												Users can operate controls							
Guidante: Test Advantation Octorene: Test Advantations scalable Microbio Test Advantations Scalable Microbio Test Advantations to Lineau and Auroli Carlo Advantations and Auroli and Auroli and Auroli and Auroli and Auroli and Auroli and Auroli and Auroli Advantations. Microbio Micr																				
the link text. Check that each image that is a button has a text alternative indicating the button's function.	Critical					Us col	sers can perceive ontrois													
the link list. Check the each image that is a builton has a list alternative including the builton's function. Method: Executive insease Check they visible import pay and carrows elements that are ignore by available inderchologies are deconstive. <u>Method: Informative image</u> Check the each image that accessive meaning has a text attention.																				
Method: Informative Images Check that each image that conveys meaning has a text	Critical																			
alterative. Check the functional, informative, and images of test have alterative test that even an equivalent purpose of the image. Functional image describe the function informative image describe the image image of text repeat the text or the equivalent purpose of the text.	Critical																			
image Functional images describe the function Informative images describe the image																				
text. Check that decorative images are appropriately coded (see																				
Check that decorative images are appropriately coded (see "Decorative images" method) so they are hidden to assistive sechnology. Method: Author control of test alternatives																				
Use the tool to insert an image as appropriate for the app. Check that the alternative text can be edited by the author and that edited version can be published.	Criscal																			
Galdeline: Char World Outcome: Common clear words Mathod: Lise clear words There are no undefined lacknicit of progra words Lises common words and defines unsual words in one clok and one clok names in the clear and provide the clear and one clok names in the clear and provide the clear Second the the period has to naviger to and back thors.)																				
Method: Use clear words There are no undefined technical or jargon words	Maybe																			
Uses common words and defines unusual words in one click and one click return Uses common words and includes a glossary (at the end of a																				
document that the person has to navigate to and back from.)																				_
Guidathe: Copiosi Outcome: Transitione speech and con-speech audo Methods 2. Disk and transition and autority of a series in a large Check the scale video containing genetic and ross-seach. Check the scale video containing genetic model - Obstack the file container has handle and and - Obstack the file container has handle on a diff - Obstack the file container has handle on a diff - Obstack the file containing genetic that of non-speech autors has had explored in a strategy (see Check the stark hadron containing genetic that of non-speech autors has had be payored for whole of containers - Obstack the file strategy for the scale of containing see - Obstack the file strategy for the scale of containing see																				
cound effect Check that each video containing speech and non-speech audio has a text equivalent provided as captions.	Critical									Users can perceive content	Users can perceive content									
Check that the captions can be turned on and off - Closed captions can be turned on and off - Open captions cannot be turned off	Maybe																			
Check that each video containing speech and non-speech sudio has a text equivalent provided as a transcript. (new) Method: Reflow of captions and other text in context	Critical																			
Check that a mechanism exists to reveal further text within the XR environment without the need to scrall. Check that there are semantics present that define context and mitiation tax between valided cations, subtilize and their and mitiation tax between valided cations. subtilize																				
An environment whose the needs to account of the context Check that there are semanticize paralet that defines context in the context of the context of the context of the context in the context of the context of the context of the context context. Check that where copilors and other with may be placed on a second screen, context on source internation is multitained. Outcome: Converge is information about the source Methods. Provides visual individual of search and non- tables. The methods																				
Outcome: Conveys information about the sound Method: Provides visual equivalent of speech and non- speech audio methods																				
sounds) in the same location as the sound source that it is																				
Guideline: Structured Content																				
Outcome: Headings organize content Method: Relevant headings Check that each section on the name shirts with a loss																				
Check that each heading relates to the content contained in the section.	Maybe																			
Wethod: Visually distinct Method: Visually distinct Compare heading content with non-heading content. The size.																				
weight, or spacing around headings should be larger than that of non-heading content. Outcome: Conveys hierarchy with semantic structure																				
spending Galdarian Shouldang Jangkan carata Dataman Kanga yangkan carata Dataman Kanga yangkan carata Dataman Kanga yangkan yangkan yangkan Dataman Janakan yangkan Dataman Janakan yangkan Dataman Janakan yangkan Dataman Janakan yangkan Dataman Janakan yangkan Dataman Janakan Janakan Dataman Janakan Janakan Dataman Janakan Janakan Dataman Janakan Janakan Dataman Janakan Janakan Dataman Jan																				
Check that the heading markup is at the correct level. Check that heading markup is not used when content is not a																				
Guideline: Visual Contrast of Test																				
Guideline: Wasal Contrast of Test Outcome: Luminance contrast between background and feat Method: Galect fort characteristics and background, colors to anyoide anough contrast for madability																				
callers to provide enough contrast for readability. Check that the absolute value of the predicted contrast percentage meets or exceeds the required value for the fort weight and isse in the context.																				
weight and size in the context. Guideline: Error Prevention																				
Guideline: Error Prevention Outcome: Input instructions provided Method: Instructions for completion tasks																				
Outcome: Input instructions provided Method: Instructions for completing tasks identify inputs that only accept data in a given format. Check that the page or view provides details about the required format.	Critical																			
Check that the instructions use clear words. Identity instructions that would benefit from an illustrative example. Check that the instructions include an example of data in the required format.																				
Method: Required inputs indicated	Maybo																			
Creack that the visual indication is a contrept of instance, For non-test visual indication, check that indications are provided that explain the non-test indicator. Check that required inputs include the required attribute and/o the aris-required attribute.																				
Method: Instructions available at the source of input Check that instructions for data entry requirements are	Critical																			
Check that the instructions remain visible and available while entering data.	Critical																			
"but". Method: instructions analytiking at the scores of lasse Crack the instructions for data strip requirements are available on the age of view. Crack that the instructions service the logal. Crack that the instructions are near the logal. Crack that the instructions are near the logal.	Critical																			
WCAG 2 requirements broken down https://nonnenas.oction. https://nonnenas.oction. https://doi.org/100031630010000170402 vmh18513010195500610667384ca8056028 Non-esst Content																				
Non-set Contect - Isa total interactive - Conveys appropriate meaning - Provides descriptive interfictation - Provides descriptive interfictation - Isa tot de quivalent alternative - Conjete (mon-set) material Audio-acity of Wide-acity (Prereconded) - Has audio alternative	Critical Critical	Critical	Critical Critical	Critical Critical	Critical															
Provides descriptive identification Has text equivalent alternative	Critical Critical Critical Critical Critical	Critical Critical Critical Critical Critical	Critical Critical Critical Critical Critical	Cristal Cristal Cristal Cristal Cristal	Ortical															
Audio-only and Video-only (Prerecorded) - Has audio alternative					Critical					Users can perceive content (alternative)										
- Has video alternative	Critical	Critical	Critical	Critical	Critical	Lis	sers can perceive ordent (alternative)			content (alternative)										
Audio alternative is equivalent Voleo alternative is equivalent Voleo alternative includes implicit content Voleo alternative includes implicit content Voleo alternative includes implicit content Voleo alternative supplimit tanguage Profess of the supplimit tanguage	Critical Critical Maybe Maybe	Critical Critical Critical Critical	Critical Critical Critical Critical	Critical Critical																
Video alternative includes implicit content Video alternative uses plain language	Majbo	Critical	Critical																	
	Critical Critical		Critical	Critical	Ortical															
Consistent style of captions Consistent style of captions Captions are synchronous	Majbe			Criscal	Creca															
Captions are complete Captions are properly placed		Critical	Critical																	
- Deplots an exception - Deplots are spready placed Audio Description of Media Alternative (Prenecotion) - Ivas audi execution or enda alternative Capitons (Dive) (also are Capitons, above) - Ivas capitons Description (Prenecotion) - Ivas audio accorditon - Ivas audio accorditon	Maybe				Ortical															
- Has captions Audio Description (Prerscorded)	Critical		Critical	Critical	Critical															
- reas audio description Sign Language (Prerecorded) - Has sign language	Critical																			
- Has audio-description Sign: Language (Prescorded) - Has sign Ianguage - Accurate sign Ianguage - Votible sign Ianguage - Includes sufficient lighting, contrast, and resolution	Critical	Critical Critical	Critical Critical	Critical																
Appropriate for audience Access to sign language videos																				
and meak-liken Appropriate for audience - Appropriate Audie Generative - Near estimative (Presocoded) - Management - M																				
Media Alternative (Presconded) - Has media alternative - Media alternative provided in text form	Critical Critical	Critical	Critical	Critical	Critical	U	sers can perceive													
						- U - U	sers can perceive actent Users need visual ordent in text format o they can access ie content with a crean needer and raille clisplay													
						10 10 10 10 10	e content with a treen reader and raille display													
Teet-based media alternative accurately represents media content Link (access) to media alternative provided adjacent to media Audio-edg (Link) Has audio alternative	Majbe	Critical	Critical																	
Audio-only (Live) - Has audio alternative	Critical	Critical	Critical		Critical					Users can perceive content	Users can perceive content	•								
										Users can perceive context - Users need audio content in text format so they can access the context visually	- cleans need audio content in text forma so they can access the content views ¹	4								
Information and Relationships - Page level containersianchors (landmarks) - Headings - Labels for inputsicontrols											in country									
- Headings - Labels for inputsicontrols	Critical	Critical	Critical	Critical	Critical	Us	sers can perceive tructure													
						- L pro for so	user needs a rogrammatic label ir each inputicontrol o they understand													
						its foc inp	cused on the puticontrol													
- Grouping for controls (fieldset/legend)	Maybe		Critical		Critical	Uni uni reli	sors can nderstand ilationships User needs related													
						coi pro gra	ontrols to be rogrammatically rouped so they													
						cal. Un	istedness sers can perceive tructure													
						- U pro	ence can proceive handline processing and a set of the organization of the organization of the organization of the publication of the organization of the organization of the organization of the organization of the organization of the organization of the organization of the organization of the organization													
						ao the too	o they can access is label while icused on each													
- Tast-level asmantics (e.g. strong) - Custom elements (e.g. role="ling" for fort icons) - Table headings - Lists						601														
- Table headings - Lists - Veual content hidden from AT		Critical																		
	Critical				-	04 C0 - U 101	setent Users need access relevant visual													
						00 30 wit	sers can perceive actent Users need access relevant visual orders to they can ccess the content th a screen reader nd Braile display													
Vestingial Segurance																				
millible content in reading sequence Dynamic elements inserted in reading sequence Sensory Characteristics																				
Exception for using table cues in instructions Orientation	Critical	Critical	Critical	Critical	Critical															
wwettry input Hurpose Identify Purpose - Use personalization semantics		Critical Critical Critical																		
Use of Color Audio Centrel		Critical		Critical	Critical															
- Audio Control - Autopiay	Maybe	Critical	Critical																	

Critical Tests: Tests that if failed will likely council unars	lanua ratine:	Shawn	Azian	Francia	Sarah	All Usage	limon without	lisson with Emilard	linna aithrat	lines without	lisses with limited	lines with so or	lines with Emiled	lisson with Emilad	Minimina	Henne with British Differen
Critical Tests: Tests that if failed will likely prevent users with functional needs from critical user needs — tests adapted from Critical Solitor's Draft 7 Jul 2022 - Audo Control - Turn Off	Critical applies to issues (tailed	STEWN	Azian	Francia	54/25	All beage	vision	vision	perception of colour	hearing	bearing	capability	manipulation or strength	reach	photosensitive seizure triggers	Usage with limited Privacy cognition, language or lanening
	likely prevent users from															
- Audio Control - Turn Off	completing tasks Critical	Critical	Critical	Critical	Critical											
- Audio Control - adjust independent volume Contrast (Minimum)																
- Contrast exceptions Resize text	Maybe	Critical	Critical		Critical											
Contrast (Enhanced)	Criscal	Criscal	Criscal		Creca											
- No background Audio																
- 10h Off - 20db	Majbe	Critical														
Consistent and easy way to turn off that pensists Visual Presentation																
 Width is no more than 80 characters or olypts (40 if CJK). 																
 Test is not justified (aligned to both the left and the right margins). 																
 Line spacing (leading) is at least space-and-a-half within paragraphs, and paragraph spacing is at least 1.5 times large than the line spacing. 																
Test can be resized without assistive technology up to 200 percent in a way that does not require the user to scroll																
Increantary to read a line of text on a fun-screen window Images of Text (No Exception) (see also Non-text content, above)																
- Using text - Customizable																
Reflow - Reading test blocks																
Navigation without horizontal scrolling Non-tast																
Text Spacing Content on Hover or Focus																
Keyboard No Keyboard Trap	Critical Critical	Critical Critical	Critical Critical	Critical Critical	Critical Critical											
- Inform user of keyboard trap escape mechanism Keyboard (No Exception)																
Operable with keyboard only Does not rely on timings of keyetrokes																
Character Key Shoricuts Timing Adjustable																
- Timing Exceptions Pause, Stop, Hide	Critical	Critical	Critical	Critical	Critical											
Controlling Auto-updating content No Taming																
A sub Scare 's to d' A sub Scare 's to d' A sub Scare i and a su																
Hennelmen Hennel																
Interruptions - consistent emergency Interruptions - control interruption based on context																
- Interruptions - save interruptions Re-authenticating																
Timeouts - ARIA 1.3 support for countdown timers																
- Restart the countdown timer - Save your work																
Three Flashes or Below Threshold Three Flashes	Critical	Critical	Critical	Critical	Critical											
Warn users before encountering flashing third party content Animation from interactions																
Bypass Blocks																
Page titles describe topic or purpose Encous Order																
- Focus management Link Burrows (In Context)																
Multiple Ways																
- Descriptive Headings																
- Leastriptive Labels Focus Visible	Critical	Critical	Critical	Critical	Critical											
Location - Eneadorumb Trail																
- Site Map - Indicating Current Location																
Link Purpose (Link Only) Section Headings																
Focus Appearance Page Break Navigation																
Pointer Gestures - Establish if complex gesture are used																
Oheck for single pointer operable alternative Determine weather multi-ovirt centures have been defined.																
Pointer Cancellation	Critical	Critical	Critical	Critical	Critical											
Motion Actuation Terrort Site (Enhanced)																
Concurrent Input Mechanisms																
Target Size (Minimum)	Critical	Ortical	Critical		Critical											
- Equivalent Control																
Language of Parts																
Abbreviations																
- Abbreviations - just in time - Abbreviation - Expanded Form																
- Addresiden - Nechanism Meaning Reading Level																
On Focus	Critical Critical	Critical Critical	Critical Critical	Critical Critical	Critical Critical											
Consistent Navigation	Citical	Crocar	Cristal	Cristan	Creca											
Change on Request																
Orange of content from unexpected user action Orange of content from unexpected																
Visible Controls	Maybe	Critical														
Control visible Equivalent control available	Majce	Criscal														
 Schrein Andreg Schrein Andreg Schrein Andreg Schrein Math <li< td=""><td>Maybe</td><td></td><td>Critical</td><td></td><td>Critical</td><td>Users get instructions for</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></li<>	Maybe		Critical		Critical	Users get instructions for										
						Users get Instructions for content (Users get help through moderated form Input?) - User needs an error message when an error occurs so they know something went wrong										
						-noderated form input?) - User needs an error										
						message when an error occurs so they know something										
- Identifies an error exists in text	Maybe		Critical		Critical	went wrong	Users can perceive									
							Users can perceive content - User needs an erro message in toot format so they can access the content with a screen reader and Braille display	r								
							access the content with a screen reader									
- Adequately describes the error	Maybe		Critical		Critical	Users can	and Braille display									
						Users can understand content - User needs an error message that describes the error so they know what werd wrong										
						so they know what went wrong										
Consistently describes the error (not from current SC) Labels or instructions Error Suggestion (SH)																
Error Suggestion (SH)	Maybe				Critical											Users get Instructions for
																consent - User novel data entror message with
																nemedy instructions so they know how to recover them the
- Suggestions display adjacent to error source	Maybe				Critical			Users can name! -								encor Users are encodes
								Users can perceive content - User needs an error message that displays at the source of the error no they can access the error suggestions while focused on the source of the error while source of the error while source of the error magnification								Note the second secon
								displays at the source of the error so								diaphys at the source of the error so
								they can access the error suggestions while focused on the								they can access the ence suggestions while focused on the
								source of the error while using screen maprification								aburce of the error
- Suggestions remain visible and available	Maybe				Critical			- mg- named								Note gits Investment
																containt - User needs an entor message that
																percisit until the error is remediad ao they have an electron
																for as long as it balas to address the enr
Error Prevention (Lena) Econocial Data)	Majbe			Critical	Critical											
- Reversible Submission																
Reversible Submission Check before submission Users are allowed to confirm submissions																
Reventile Submission Oneck before submission Lisen are allowed to confirm submissions Melg trips trips																
Reventile Subrission Oracle Matrix automation Unant are automation Unant are automation Melg																
Reventible Submission Oracic buffers submission Oracic buffers submission Units are allocated to confern submissions Neige initia annistance Sills Hig Page or View help Error Prevention (All) Accessible Accession																
-Reventin Garrison - Cance tabler submain - Lans are allowed to confirm submissions - Marks analitance - Initia sublitance - Page ar View halp - Page ar View halp - Error Prevention (All) - Accessed haltmentication - Allower to Khalp																
- Reversite Substance - Concel safeter substance - Users are allowed to confirm substance - Intere analitance - Total safetary - Page and Substance - Total safetary - Page and Substance - Page and Substance - Reversite (AB) Accessible Authentication - Without papercylautonomy - Without page cylautonomy - Without pag																
- Revealed Sciences - - Conce todare Automation - - Une run a soluced to conform sciences in a sign - Sine Hole - Sin	Maybe			Critical	Critical											
Preventie & Submission Council Merris antivestion Council Merris antivestion Council Merris antivestion Market Market Submission Prevention Antive Merris Council Merris Market Submission Prevention Market Submission	Maybe			Critical	Official											
- Secretar Schreisen - Cock teller schreisen - Cock t	Majba				Critical											
	Maybo			Critical	Ottal											
Programmatic identification of type of element (Role) Programmatic identification of state (State) Programmatic identification of values of user interface controls (Volue)																

Critical Tests: Tests that if failed will likely prevent users with functional needs from critical user needs	Issue rating: All Usage Critical applies to	Usage without vision	Usage with limited vision	Usage without perception of	Usage without hearing	Usage with limited hearing	Usage with no or limited vocal	Usage with limited manipulation or strength	Usage with limited reach	Minimize photosensitive	Usage with limited cognition, language	Privacy				
Critical Tests: Tests that if falled will likely prevent users with functional needs from critical user needs — tests adapted from WCAG 3 Editor's Draft 7 Jul 2022	issues (failed tests) that will likely prevent users from			colour			capability	strength		seizure triggers	or learning					
Guideline: Text Alternatives	completing tasks															
Guideline: Text Alternatives Outcome: Text alternative available Method: Text alternative for image of text																
Check that each image in the content that contains text that is not purely decorative has a text alternative that serves an equivalent purpose. <u>Method: Functional images</u>																
equivalent purpose. Method: Functional images																
Check that each functional (operable) image has a text attemative. Check that each functional image that contains text that is not	Ottoal	Users can perceive controls	users can perceive controls					Liters our errors								
attenuitve. Check that each functional image that contains text that is not purely decorative has a text alternative containing the same text.	Citta							Users can operate controls								
Check that each functional image within a text link is either implemented to be ignored by assistive technology or provided with a text alternative describing the image and supplementing the link text.																
the link toot. Check that each image that is a button has a text alternative	Critical	Users can perceive controls														
Check that each image that is a button has a text alternative indicating the button's function. Method: Decontive images		controls														
Check that visible imp, sog and canvas elements that are growed by assistive technologies are decorative. Method: Informative Images Check that each image that conveys meaning has a text alternative.																
Method: Informative images Check that each image that conveys meaning has a text																
Check that functional, informative, and images of text have observation had that see are on excitational extremests of the																
image: Functional images describe the function Informative images describe the trace Images of text repeat the text or the equivalent purpose of the text.																
Images of text repeat the text or the equivalent purpose of the text.																
Check that decorative images are appropriately coded (see "Decorative images" method) so they are hidden to assistive technology. Method: Author control of text alternatives																
Nethod: Author control of text alternatives																
Use the tool to insert an image as appropriate for the app. Check that the alternative text can be edited by the author and that edited version can be published.																
Guideline: Clear Words Outcome: Common clear words																
Outcome: Common clear words Method: Use clear words																
Method: Use clear words There are no undefined technical or jargon words Uses common words and defines unusual words in one click																
Uses common words and defines unusual words in one click and one click return Uses common words and includes a glossary (at the end of a document that the person has to navigate to and back from.)																
Guideline: Captions Outcome: Translates speech and non-speech audio Nethod: Provides text equivalents of speech and key sound effect																
sound effect Check that each video containing speech and non-second	Critical				Users can perrelur	Users can perreiun										
Check that each video containing speech and non-speech audio has a text equivalent provided as captions. Check that the captions can be turned on and off					Users can perceive content	content										
Check that the captions can be turned on and off - Closed captions can be turned on and off - Open captions carnot be turned off - Open captions carnot be strend off	Collect															
Check that each video containing speech and non-speech audio has a text equivalent provided as a transcript. (new) Method: Reflow of captions and other text in context																
Method: Reflow of captions and other text in context Check that there is support for reflow of captions and other text.																
Check that a mechanism exists to reveal further text within the XR environment without the need to scroll. Check that there are semantics reasent that define context.																
Check that there are semantics present that define context and relationships between related captions, subtiles and their source.																
Check that where captions and other text may be placed on a second screen, context and source information is maintained.																
Outcome: Conveys information about the sound Method: Provides visual equivalent of speech and non-																
second screen, context and social individual in a maraneous Outcome: Conveys information about the sound Method: Provides visual sequestion of speech and non- senech units methods Check that caption is positioned (of all dialogue and important sound) in the same location as the sound source that it is representing.																
Guideline: Structured Content Outcome: Headings organize content <u>Method: Relevant headings</u>																
Method: Relevant headings Check that each section on the page starts with a heading. Check that each heading relates to the content contained in the section.																
Creck that each reading reases to the contained in the section. Outcome: Uses visually distinct headings																
Method: Visually distinct Compare heading content with non-heading content. The size, weight or spacing accound headings should be larger than that of non-heading content.																
weight, or spacing around headings should be larger than that of non-heading content.																
or non-insuising content. Outcome: Conveys hierarchy with semantic structure Method: Semantic headings Check that heading contents is used when exclusion is a																
Check that heading markup is used when content is a heading. Check that the heading markup is at the correct level.																
Check that heading markup is not used when content is not a heading.																
Guideline: Visual Contrast of Text Outcome: Luminance contrast between background and text																
text Method: Select font characteristics and background.																
Method: Select fort characteristics and background, colors to provide enough contrast for readability. Check that the abackub value of the predicted contrast percentage metats or exceeds the required value for the font weight and size in the content.																
Guideline: Error Prevention Outcome: Input instructions provided																
Method: Instructions for completing tasks Identify inputs that only accept data in a given format. Check that the page or view provides details about the required format.																
format. Check that the instructions use clear words.																
There is the instructions use clear words. Identify instructions that would benefit from an illustrative example. Check that the instructions include an example of data in the required format. Method: Required Instati. Indicated from the Instation of the Instation of the Instation formation of the Instation of the Instation of the Instational Instation of the Instation of the Instation of the Instational Instation of the Instation of the Instation of the Instation of the Instation Instation of the Instation of the Inst																
Method: Required inputs indicated Check that the required status is conveyed visually.																
For non-text visual indicators, check that instructions are provided that explain the non-text indicator.																
Check that required inputs include the required attribute and/or the aria-required attribute.																
For the arise required attribute, check that the attribute value is "true". Method: Instructions available at the source of instal																
Method: Instructions available at the source of input Check that instructions for data entry requirements are available on the page or view.																
Check that the instructions remain visible and available while entering data.																
Check that the instructions are near the input. Check that instructions are programmatically defined and associated with the input.																
WCAG 2 requirements broken down https://homenss.notice. site/533121afbcc34120533db2df302d87947																
y=818fb138d19142648dfd784ca93de232	Shawn working on these															
- Has text alternative	these .															
Conveys appropriate meaning Provides descriptive identification																
Has text equivalent alternative Complex (non-text) material																
Audio-only and Video-only (Prerecorded)	Critical				Users can perceive content (alternative)											
	Critical	Users can perceive content (alternative)														
Audio alternative is equivalent Video alternative is equivalent																
- Video alternative includes implicit content - Video alternative includes implicit content - Video alternative uses plain language Captions (Prerecorded) (also see Captions, above)																
Captions (Prerecorded) (also see Captions, above) - Quality of captions - Consistent style of captions																
Captions are synchronous Captions are complete																
Captions are properly placed Audio Description or Media Alternative (Prerecorded)																
Captions (Live) (also see Captions, above) - Has Captions																
Audio Description (Prerecorded) Sign Language (Prerecorded) - Accurate sign language																
Accurate sign language Visible sign language - includes sufficient lighting, contrast, and resolution																
and resolution - Appropriate for audience - Access to sign language videos																
Extended Audio Description (Prerecorded)	84															
Media Alternative (Prerecorded) - Media alternative provided in text form	SH Critical	Users can perceive														
		- Users need visual content in text forma so they can accord														
		Users can perceive content - Users need visual content in text forma so they can access the content with a screen reader and Braille display														
- Text-based media alternative accurately represents media content		braine display														
 Text-based media alternative accurately represents media content Link (access) to media alternative provided adjacent to media Audio-only (Live) 	Critical				Users can perceive	Users can perceive										
					Users can perceive content - Users need audio content in text format so they can access the content visually	content - Users need audio										
					so they can access the content visually	so they can access the content visually										
Information and Relationships - Page level containers/anchors (landmarks)	SH															
- Headings	Critical	Users can perceive														
		- User needs a programmatic label														
		Users can perceive structure - User needs a programmatic tabait for each input/control to put/control to put/control														
		input/control														

Conject Tracks. These the set of set	a) that will ly prevent rs from roletino taska					Minimize photosensitive seizure triggers					
	Gi	Users can understand relationships - User needs related controls to be programmatically groupped to they relatedness Users can perceive structure - User needs a programmatic leal to they can be a social to a they can be a social the label while focused on each control in the group									
- Text-level semantics (e.g. strong) - Custom elements (e.g. role="img" for font icons)		control in the group									
Custom elements (e.g. role="img" for font icons) Table headings Lists											
- Visual content hidden from AT Criti	cal	Users can perceive content - Users need access to relevant visual content so they can access the content with a screen neader and Bealle display									
Nearingful Sequence - Nearingful order of vibile elements - Invisible content in reading sequence - Onvarice durants inserted in reading sequence Sensory Characteristics											
Dynamic elements inserted in reading sequence Sensory Characteristics											
Exception for using tactile cues in instructions Orientation											
- Exception for Using section Curson in WardUctions Orientation Identify Input Purpose Identify Purpose - Use personalization semantics Use of Color											
Use personalization semantics Use of Onlor											
Audio Control											
Audio Control - Autoplay Audio Control - Turn Off Audio Control - adjust independent volume											
Contrast (Minimum) - Contrast exceptors											
Images of Text Contrast (Enhanced)											
Low or No Background Audio - No background - Turn Off											
Turn Off 20db Consistent and easy way to turn off that persists											
Consider the starty way to turn off that persists Visual Presentation											
Visual Presentation - Foneground and background colors of blocks of text can be selected by the user. - Width is no more than 80 characters or glypts (40 if CJR).											
 Text is not justified (aligned to both the left and the right 											
margen). - Lens space (subsiding) is at least space-and-a-half within Lens space (subsiding) and least space and least - 5 free larger than the lens space of the space space space space space presents in a way that does not require the user to social indicativity of the space space space space space larges of Taut (No Exception) (see also Non-text content, above)											
Text can be resized without assistive technology up to 200 percent in a way that does not require the user to scroll beinventilly to read a line of text on a full assess and require											
Images of Text (No Exception) (see also Non-text content, above)											
- Using exc											
Reflow - Reading text blocks											
Nevigation without horizontal scrolling Non-text Contrast											
Text Specing Content on Hover or Focus											
Keyboard No Keyboard Trap - Inform user of keyboard trap escape mechaniam											
Inform user of keyboard trap escape mechanism Keyboard (No Exception) Operable with keyboard only											
Operable with keyboard only Does not rely on timings of keystrokes											
Does not rely on timings of kaystokas Character Key Shortcuts Timing Adjustable - Triming Receptions Pause, Stop, Hide											
- Timing Exceptions Pause, Stop, Hide											
- Controlling Auto-updating content No Timing											
Interruptions - Interruptions - exist?											
Controling Auto-septieting content Mon Tituling Interruptiona Interruptiona Interruptiona settion? Interruptiona settion? Interruptiona settion? Interruptiona consistent enregency Interruptiona. Consistent enregence											
Interruptions - consistent emergency Interruptions - control interruption based on context											
Interruptions - control interruption based on context Interruptions - save interruptions Re-authenticating											
Timeouts - ARIA 1.3 support for countdown timers - Restart the countdown timer											
- related the control time - second - second time - second - second time - second - second tim - second t											
Three Flashes - Wern users before encountering flashing third party content											
Animation from Interactions Bypass Blocks											
Page titles describe topic or purpose Focus Order Focus management											
Link Purpose (In Context) Multiple Ways											
Multiple Ways Headings and Labels - Descriptive Hadings - Descriptive Labels											
Focus Visible											
Location - Breadorumb Trail - Site Map											
- Ste Map - Indicating Current Location Link Purpose (Link Only)											
Section Headings Focus Aggearance (Minimum)											
Section Headings Focus Appearance (Echanced) Page Break Narigation Pointer Gestures											
Check for single pointer operable alternative Determine whether multi-point gestures have been defined Pointer Cancellation											
Label in Name											
Notion Actuation Target Size (Enhanced) Concurrent Input Mechanisma											
Concurrent Input Mechaniama Dragging Movementa Target Size (Minimum)											
- Minimum Size											
Language of Page											
- Equivalent Control Language of Parts Language of Parts Language of Parts Language of Parts Abservation Abservation Abservation Abservation Abservation Abservation Abservation											
Abbreviations - just in time Abbreviation - Expanded Form											
Reading Level Pronunciation On Focus On Input											
Consistent Navigation											
Consistent Identification Change on Request - Redirects											
- Hadreck - Change of content from unexpected user action Consistent Help											
Values Controls - Control visible - Equivalent control available - Mechanism to make controls penistently visible Resex blocklingtion (PM) Colif											
Mechanism to make controls persistently visible Error Identification (SH) Critic	cal Users get instructions for										
- Identifies an error exists in text Criti	cal Users get Instructions for Instructions and help through reads an emo- readage when an krow something went worg cal	Users can perceive content									
- Adequately describes the error	Users can	Users can perceive content - User needs an error message in toot format so they can access the content with a screen needer and Bealle display									
- Considerity describes the error (rol from numeri SC)	Usera can understand content - User needs an emo- message that describes the error so they know what went wrong										
Labels or Instructions Error Suggestion (SH) Critic	cal						Users get instructions for				
							Users get instructions for content - User needs an error massage with remedy instructions so they know how to recover from the error				

- tests adapted from WCAG 3 Editor's Draft 7 Jul 2022	Critical applies to issues (failed tests) that will likely prevent users from completing tasks	All Usage	Usage without vision	Usage with limited vision	Usage without perception of colour	Usage without hearing	Usage with no or limited vocal capability	Usage with limited manipulation or strength	Usage with limited reach	Usage with limited cognition, language or learning	Privacy					
	Critical			Users can perceive content - User needs an error mexisage that displays at the source of the error as they can access the error suggestions while focused on the source of the error while using scneen magnification						Users can perceive content - User needs an error message that displays at the source of the error so they can access the error suggestions while focused on the source of the error						
Suggestions remain visible and available	Critical									Users get instructions for content - User needs an error massage that persists until the error is remedied so they have guidance for as long as it takes to address the error						
irror Prevention (Legal, Financial, Data)																
Reversible Submission																
Check before submission																
Users are allowed to confirm submissions																
elp																
nine assistance																
Site Help																
Page or View help																
ror Prevention (All)																
cessible Authentication																
Allow for UA help																
/ithout agency/autonomy																
dundant entry																
raing (SKIP THIS)																
me, Role, Value																
rogrammatic identification of labels (Name)																
rogrammatic identification of type of element (Role)																
rogrammatic identification of state (State)																
trogrammatic identification of values of user interface ntrols (Value)																
atus Messages																
rogrammatic status messages																
Status interrupt level																
opropriate areas identified as messages																

Main User Needs
Users can perceive content
Users can perceive controls roles states and properties
Users can perceive structure
Users can perceive purpose
Users can perceive input values
Users can perceive changes to content
Users can perceive changes to controls roles states and properties
Users can perceive changes to purpose
Users can perceive changes to input values
Users can operate content
Users can operate controls roles states and properties
Users can operate navigation
Users can navigate structure document and application
Users can adjust duration requirements
Users can adjust content orientation
Users can adjust orientation in space
Users can understand content
Users can understand controls
Users can understand structure
Users can understand navigation
Users can understand changed content
Users can understand purpose
Users can understand relationships
Users get instructions for content
Users get instructions for interaction
Users get instructions for support for modalities
Users get instructions for personalization options
Users get instructions for processes
Users get help through moderated form input
Users get help through alert awareness
Users can identify their position in content
Users can identify their position in context
Users can identify their position in a process
Users can identify their position in a space
Users can orientate themselves in immersive environments
Users can orientate themselves in augmented environments
Users can discover content
Users can discover context
Users can discover customization options
Users can customize content or request
Users can customize context or request
Users can customize functionality settings or request

Users get customized via platform content
Users get customized via platform context
Users get customized via platform functionality
Users can control time sensitive content
Users can control time sensitive tasks
Users can control time based media including dynamic values eq volume
Users personalization preferences are allowed
Users personalization preferences are honored by content authors
Users personalization preferences are not compromised by security
Users personalization preferences do not compromise privacy
Users can do interact device independently
Users can do input data device independently
Users can do route and control output device independently
Users attention can be focussed
Users attention can be directed
Users attention can be shifted
Users are not harmed neurologically
Users are not harmed emotionally

#	Guideline	Outcome	Outcome description	Critical error	Methods	Tests
3.1	Text alternatives	Text alternative available	Provides text alternatives for non-text content	Any image of text without an appropriate text	Text alternative for Image of text	Automated test for all images
			for user agents and assistive technologies. This allows users who are unable to perceive and / or understand the non-lext content to determine its meaning	alternative needed to complete a process.	(HTML)	Examine each image in the content. Check that each image that conveys meaning has its text alternative. If the image contains text that is not purely decorative, the text alternative contains the same text. If it is within a link together with text, check that it is implemented to be ignored by assistive technology or the text alternative describes the image and supplements the link text. If it is a button, check that the text alternative indicates the button's function.
					Functional Images	Manual Test of Functional images Procedure [Technology Apposit] Examine each functional image in the content. Check that each functional image that conveys meaning has its text alternative. If the image contains text that is not purely decorative, the text alternative contains the same text. If it is within a link together with text, check that it is implemented to be ipgored by assistive technology or the text alternative describes the image and supplements the link text. If it is a button, check that the text alternative indicates the button's function.
					Decorative Images	Manual test of a CSS background image Manual test of CSS generated content Manual test if an image uses null alt text and no title attribute for decorative images
					Informative Images	Manual Tests for Informative Images [for HTML img element
						If an img element is informative, check that it contains text in an alt attribute. Remove, hide, or mask the non-text content. Replace the non-text content with the text alternative in the alt attribute. Check that the text alternative conveys the purpose of the image. Check that the text alternative provides all relevant information in the image, including words that are important to understanding the content.
					Author control of text alternatives	Use the tool to insert an image as appropriate for the app. Use the tool to modify the text alternative. In a WYSIWYG authoring tool, text alternatives can be modified in the source view or in a a properties editor that displays the properties for the content that currently has focus. The alternative text can be edited by the author and that edited version can be published.
3.2	Clear words	Common clear words	Uses common words to reduce confusion and improve understanding.	None	Use Clear Words (All)	For each section of text (paragraph or greater) look for technical words or jargon
						Are technical or jargon words defined In a glossary that needs to be searched As a single click to display the definition and a single click to return to the word in context
3.3	<u>Captions</u>	Translates speech and non- speech audio	Translates speech and non-speech audio into alternative formats (e.g. capitions) so media can be understood when sound is unavailable or limited. User agents and APIs support the display and control of captions.	Any video without captioning that is needed to complete a process. For example, an education site with a video that a student will be tested on or a shopping experience of previewing movies. If they do not have captioning (closed or open captioning), they fail.	Provides text equivalents of speech and non-speech audio	Turn on the closed caption feature of the media player View the synchronized media content with the closed caption feature turned on Check that the captions can be turned on and off Closed captions can be turned on and off Open captions cannot be turned off
					Reflow of captions and other text in context (XR)	Check that there is support for captioning and subtitling of multimedia content. Check that there is support for reflow of captions and other text. Check that a mechanism exists to reveal further text within the XR environment without the need to scroll. Check that there are semantics present that define context and relationships between related captions, subtitles and their source. Check that where captions and other text may be placed on a second screen, context and source information is maintained.
		Conveys information about the sound	Conveys information about the sound in addition to the text of the sound (for example, sound source, duration, and direction) so users know the necessary information about the context of the sound in relation to the environment it is situated in.	None	Provides visual equivalent of speech and non-speech audio metadata	Turn on the closed caption feature of the media player View the synchronized media content Check that caption is positioned (of all dialogue and important sounds) in the same location as the sound source that it is representing
3.4	Structured content	Headings organize content	Organizes content into logical blocks with headings relevant to the subsequent content. This makes locating and navigating information easier and faster.	One or more headings necessary to locate the content needed to complete a process are missing.	Relevant headings (All)	Test for sections with headings Test for relevance of headings
		Uses visually distinct headings	Uses visually distinct headings so sighted readers can determine the structure.	One or more headings necessary to locate the content needed to complete a process are not visually distinct.	Visually distinct	Compare heading content with non-heading content. The size, weight, or spacing around headings should be larger than that of non-heading content.
		Conveys hierarchy with semantic structure	Provides semantic structure that conveys the hierarchy to help explore and navigate the content.	One or more headings necessary to locate the content needed to complete a process are not coded as headings.	Semantic headings (HTML)	Using h1-h6 to identify headings Using ARIA role=heading to identify headings Test for accuracy of heading levels Test that each heading can be used for navigation purposes
3.5	Visual contrast of text	Luminance contrast between background and text	Provides adequate luminance contrast between background and text colors to make the text easy to read.	None	Select font characteristics and background colors to provide enough contrast for readability (HTML)	Calculated Luminance Contrast
3.6	Error prevention	Input instructions provided		Any input that has specific data entry requirements (for example, data, password) that is provided without perceivable and understandable instructions describing the data entry requirements. Any input for collecting personal and sensitive information (for example, national identification number, health information) that fails "Input instructions provided" tests.	Instructions for completing tasks	Test that instructions are present (fail is critical error) Test for clear words Test that illustrative examples are present
					Required inputs indicated	Test that required inputs are visually identifiable Test that required inputs are programmatically defined
					Instructions available at the source of input	Test that instructions are programmatically defined and associated Test that instructions are adjacent to inputs Test that instructions are programmatically defined and associated

Guideline	Outcome	Methods	Tests (edited)	Severity (SH)	Severity (FS)	Severity (SAZ)	Severity (ST)	Add your ratings here (critical, high, medium, low)
Text alternatives	Text alternative available	Text alternative for Image of text (HTML)	If the image contains text that is not purely decorative, the text alternative contains the same text.	High	High	Medium	Medium	
Text alternatives	Text alternative available	Functional Images	Check that each functional image that conveys meaning has its text alternative. If the image contains text that is not purely decorative, the text alternative contains the same text. If it is within altik together with text, check that it is implemented to be ignored by assistive technology or the text alternative describes the image and supplements the link text. If it is a button, check that the text alternative indicates the button's function.	Critical	Critical	Critical	Critical	
Text alternatives	Text alternative available	Decorative Images	Manual test of a CSS background image Manual test of CSS generated content Manual test if an image uses null alt text and no title attribute for decorative images	Medium	Medium	Low	Low	
Text alternatives	Text alternative available	Informative Images	If an img element is informative, check that it contains text in an alt attribute. Check that the text alternative conveys the purpose of the image. Check that the text alternative provides all relevant information in the image, including words that are important to understanding the content.	High	Critical	High	High	
Text alternatives	Text alternative available	Author control of text alternatives	Use the tool to insert an image as appropriate for the app. Use the tool to modify the text alternative. In a WYSIWYG authoring tool, text alternatives can be modified in the source view or in a a properties editor that displays the properties for the content that currently has focus. The alternative text can be edited by the author and that edited version can be published.	Critical	Critical	Low	Critical	
Clear words	Common clear words	Use Clear Words (All)	For each section of text (paragraph or greater) look for technical words or jargon Are technical or jargon words defined In a glossary that needs to be searched As a single click to display the definition and a single click to return to the word in context	-	High (but I have definite employment- related opinions on this)		High	
Captions	Translates speech and non- speech audio	Provides text equivalents of speech and non-speech audio	Turn on the closed caption feature of the media player View the synchronized media content with the closed caption feature turned on Check that the captions can be turned on and off Closed captions can be turned on and off Open captions cannot be turned off	Critical	Critical	Critical	Critical	
Captions	Translates speech and non- speech audio	Reflow of captions and other text in context (XR)	Check that there is support for reflow of captions and other text. Check that a mechanism exists to reveal further text within the XR environment without the need to scroll. Check that there are semantics present that define context and relationships between related captions, subtiles and their source. Check that where captions and other text may be placed on a second screen, context and source information is maintaned.	High	High	Medium	High	
Captions	Conveys information about the sound	Provides visual equivalent of speech and non-speech audio metadata	Turn on the closed caption feature of the media player View the synchronized media content Check that caption is positioned (of all dialogue and important sounds) in the same location as the sound source that it is representing	Medium	High	Medium	Medium	
Structured content	Headings organize content	Relevant headings (All)	Test for sections with headings Test for relevance of headings	High	High	High	High	
Structured content	Uses visually distinct headings	Visually distinct	Compare heading content with non-heading content. The size, weight, or spacing around headings should be larger than that of non-heading content.	High	High	Low	Medium	
Structured content	Conveys hierarchy with semantic structure	Semantic headings (HTML)	Using h1-h6 to identify headings Using ARIA role=heading to identify headings Test for accuracy of heading levels Test that each heading can be used for navigation purposes	High	High	High	Medium	
Visual contrast of text	Luminance contrast between background and text	Select font characteristics and background colors to provide enough contrast for readability (HTML)	Data representative sRGB values for the foregroup dext and the background coior. With a contrast calculator that uses the APCA contrast method, calculate the predicted contrast between foreground text and background coiors. For calculators that provide only a contrast result: Compare the calculated contrast value against the lookup table Accessible Contrast by Font Size and Weight below. Check that the absolute value of the predicted contrast percentage meets or exceeds the required value for the font weight and size in the content. For calculators that provide minimum size and weight as used in the content of the tested color pair, and check that it meets or exceeds the calculated minimum font size and weight.	High	High	High	High	
Error prevention	Input instructions provided	Instructions for completing tasks	Test that instructions are present (fail is critical error) Test for clear words Test that illustrative examples are present	Critical	High	Medium	Critical	
Error prevention	Input instructions provided	Required inputs indicated	Test that required inputs are visually identifiable Test that required inputs are programmatically defined	Critical	High	Medium	High	
Error prevention	Input instructions provided	Instructions available at the source of input	Test that instructions are persistent Test that instructions are adjacent to inputs Test that instructions are programmatically defined and associated	High	Critical	Medium	High	

Critical Tests: Tests that if failed will likely prevent users with functional needs from critical user needs — tests adapted from WCAG 3 FPWD and categorization exercise	Rating	Use without vision		Use without/with limited color perception	Use without hearing	Use with limited hearing	Use without vision and hearing	Use without/with limited mobility	Use with limited ability to focus / shift / direct attention	Use with limited memory	TBC with other functional needs		
Method: Text alternative for Image of text (HTML)													
Check that each image that contains text that is not purely decorative has a text alternative containing the same text.	TBC with input from subgroup												
Method: Decorative Images													
TBC with other methods and tests from Methods and Tests sheet and WCAG3 Editor' s Draft													
Method: Text alternative available for functional images													
Check that each functional (operable) image has a text alternative.	s Critical	Users can perceive controls	Users can perceive controls										
Check that each functional image that contains text that is not purely decorative has a text alternative containing the same text.	Critical							Users can operate controls					
Check that each functional image within a text link is either implemented to be ignored by assistive technology or provided with a text alternative describing the image and supplementing the link text.													
Check that each image that is a button has a tex alternative indicating the button's function.	t Critical	Users can perceive controls											
Method: Captions available for speech and non- speech audio													
Check that each video containing speech and non-speech audio has a text equivalent provided as captions.	Critical				Users can perceive content	Users can perceive content							
Check that the captions can be turned on and off - Closed captions can be turned on and off - Open captions cannot be turned off	f												
Check that each video containing speech and non-speech audio has a text equivalent provided as a transcript. (new)	Critical						Users can perceive content						
Method: Visible controls (from Categorization exercise)													
Check that controls are visible at the time they are needed without requiring pointer hover or keyboard focus.	Critical		Users can perceive controls Users can operate controls					Users can perceive controls Users can operate controls	Users can perceive controls	Users can perceive controls			
TBC with other outcomes from Categorization exercise													

Critical Tests: Tests that if failed will likely prevent users with functional needs from critical user needs — tests adapted from WCAG 3 Editor's Draft 7 Jul 2022	Issue rating: Critical applies to issues (failed tests) that will likely prevent users from completing tasks	Use without vision	Use with limited vision	Use without/with limited color perception	Use without hearing	Use with limited hearing	Use without vision and hearing	Use without/with limited mobility	Use with limited ability to focus / shift / direct attention	Use with limited memory	TBC with other functional needs			
Guideline: Text Alternatives														
Outcome: Text alternative available Method: Text alternative for image of lext Check that each image in the content that contains text that is not purely decorative has a text alternative that serves an equivalent purpose. Method: Functional images														
Check that each functional (operable) image has a text alternative.	Critical	Users can perceive controls	Users can perceive controls				Users can perceive controls							
Check that each functional image that contains text that is not purely decorative has a text alternative containing the same text. Check that each functional image within a text link is either								Users can operate controls						
Check that each functional image within a text link is either implemented to be ignored by assistive technology or provided with a text alternative describing the image and supplementing the link text. Check that each image that is a button has a text alternative		Users can					Users can							
indicating the button's function. Method: Decorative images		perceive controls					perceive controls							
Check that visible img, svg and canvas elements that are ignored by assistive technologies are decorative. Method: Informative images Check that each image that conveys meaning has a text														
Check that each image that conveys meaning has a text alternative. Check that functional, informative, and images of text have														
alternative text that serves an equivalent purpose of the image: Functional images describe the function Informative images describe the image Images of text repeat the text or the equivalent purpose of the text.														
Check that decorative images are appropriately coded (see "Decorative Images" method) so they are hidden to assistive technology.														
Method: Author control of text alternatives Use the tool to insert an image as appropriate for the app. Check that the alternative text can be edited by the author and that edited version can be published.														
Guideline: Clear Words Outcome: Common clear words Method: Use clear words														
There are no undefined technical or jargon words Uses common words and defines unusual words in one click														
Uses common words and dennes unusual words in one click and one click return Uses common words and includes a glossary (at the end of a document that the person has to navigate to and back from.)														
Guideline: Captions Outcome: Translates speech and non-speech audio														
Method: Provides text equivalents of speech and key sound effect Check that each video containing speech and non-speech audio has a text equivalent provided as captions.	Critical				Users can perceive	Users can perceive								
Check that the captions can be turned on and off - Closed captions can be turned on and off - Open captions cannot be turned off					content	content								
Check that each video containing speech and non-speech audio has a text equivalent provided as a transcript. (new)	Critical						Users can perceive content							
Method: Reflow of captions and other text in context Check that there is support for reflow of captions and other text. Check that a mechanism exists to reveal further text within the														
XR environment without the need to scroll. Check that there are semantics present that define context and relationships between related captions, subtities and their source.														
Check that where captions and other text may be placed on a second screen, context and source information is maintained. Outcome: Conveys information about the sound Method: Provides visual equivalent of speech and non- speech audio metadata														
Check that caption is positioned (of all dialogue and important sounds) in the same location as the sound source that it is representing.														
Guideline: Structured Content Outcome: Headings organize content Method: Relevant headings														
Check that each section on the page starts with a heading. Check that each heading relates to the content contained in the section. Outcome: Uses visually distinct headings														
Method: Visually distinct Compare heading content with non-heading content. The size, weight, or spacing around headings should be larger than that of non-heading content.														
Outcome: Conveys hierarchy with semantic structure Method: Semantic headings														
Check that heading markup is used when content is a heading. Check that the heading markup is at the correct level. Check that heading markup is not used when content is not a														
heading. Guideline: Visual Contrast of Text														
Outcome: Luminance contrast between background and text														
Method: Select font characteristics and background. colors to provide enough contrast for readability Check that the absolute value of the predicted contrast percentage meets or exceeds the required value for the font weight and size in the content.														
Guideline: Error Prevention Outcome: Input instructions provided														
Method: Instructions for completing tasks Identify inputs that only accept data in a given format. Check that the page or view provides details about the required format.														
Check that the instructions use clear words. Identify instructions that would benefit from an illustrative example. Check that the instructions include an example of data in the required format. Method: Required inputs indicated														
Check that the required status is conveyed visually. For non-text visual indicators, check that instructions are provided that explain the non-text indicator. Check that required inputs include the required attribute and/or the aria-required attribute.														
For the aria-required attribute, check that the attribute value is True". Method: Instructions available at the source of input														
Check that instructions for data entry requirements are available on the page or view.														
Check that the instructions remain visible and available while entering data.														
Check that the instructions are near the input. Check that instructions are programmatically defined and associated with the input.														
Could be continued with outcomes from Categorization exercise, for example:														
Method: Visible controls (from Categorization exercise) Check that controls are visible at the time they are needed without requiring pointer hover or keyboard focus.	Critical		Users can perceive controls					Users can perceive controls	Users can perceive controls	Users can perceive controls				
			Users can operate controls					Users can operate controls						

Functional needs categories — groupings of functional needs that share critical user needs and would be similarly affected by failed critical tests	Detailed <u>functional needs</u>	Notes										
needs and would be similarly affected by failed critical tests												
Vision & Visual												
Use without vision Use with limited vision	1. Use without vision 2. Use with limited vision											
Use without/with limited color perception	2. Use with smeet vacon 3. Use without color perception											
	4. Use with limited color perception											
	5. Use with limited depth perception 6. Use with limited orientation or soatial tracking	FS to ask about this and 8										
	 Use with limited orientation or spatial tracking Use with photo sensitive epilepsy 											
Use with photophobia	8. Use with photophobia											
Hearing & Auditory Use without hearing	9. Use without hearing											
Use with limited hearing	s. Use without nearing 10. Use with limited hearing											
	12. Use with sensorineural hearing loss (Imited frequency range) related to age or Presbycues (gradual loss over time)											
I he with imited surface concession (snearch)	Presbycueis (gradual loss over time) 11. Use with limited auditory processing (speech)											
	The data was managed and and a processing (speech)											
Sensory Intersections												
Use through vision and hearing Use with vestibular issues	13. Use without vision and hearing 14. Use with vestibular issues											
Use with vesticular asses Use without soatial audiony awareness or	15. Use without spatial auditory awareness or perception (needs diegetic sound)											
perception (reeds degetic sound)												
Mobility												_
Use without mobility	16. Use without mobility											_
Use with limited mobility	17. Use with limited mobility											
TED	10. Use with limited reach or range											
Motor												
Use without mobility mobility	19. Use without hands											
	21. Use with limited strength 20. Use without multiple touchpoint gesture											
	22. Use without fine point control											
	23. Use without physical tracking speed											
Use with limited mobility	24. Use with tremore											
Physical & Sensory Intersections												
Use with limited ability to sense to haptic feedback	25. Use with limited kinaeethetic perception (orientation, position, weight distribution,											
	26. Use with limited tactile perception, sensory processing, or touch pressure sensitivity	Not sure, it is about sensing feedback rather than										
	27. Use with chronic pain impacting input or interaction modality, speed and/or frequency											
Use without vision and motor	 Use with chronic pain impacting input or interaction mockally, speed and/or mequancy. Use without vision and a motor disability. 											
Use without hearing and motor	29. Use without hearing and a motor disability											
Speech Use without speech	30. Use without vocalization											-
	31. Use with limited vocalization or volume											
Attention Use with Imited ability to focus/direct/shift	72 Liss with Imited shills in force attention											_
attention	33. Use with limited ability to direct attention											
	34. Use with limited ability to shift attention											
Language & Communication												
Use with imited ability to comprehend spoken	25. Use with limited ability to comprehend spoken language 26. Use without ability to read											_
language	M. Described ability is used											
Use with limited ability to	37. Use with limited ability to recognise written language 38. Use with limited ability to comprehend written language											
recognize/comprehend written language	38. Use with limited ability to comprehend written language											
	40. Use with limited ability to correctly write (or type) words and use punctuation 41. Use without understanding symbols											
TED	42. Use without understanding metaphore, idioms, euphemisms, or specific dialect of culture or location											
TED	culture or location 43. Use with limited understanding of implicit communication via visual methods (body language, facili expressions, movements etc.)											
	language, facial expressions, movements etc.)											
Learning												
TED	44. Use with limited understanding of math and numeric concepts											_
TED	45. Use with limited compositional skill (simultaneous thinking and input)											
	45. Use with limited coordination skill (motoric skills, visual-spatial organizational memory and social)											
TED	47. Use with limited understanding of context or perception of intent											
Nemory												_
Use with limited memory	40. Use with limited short-term or working memory											_
	49. Use with limited medium or long-term memory											
	50. Use with limited sensory memory											
Executive												
TED	51. Use with limited planning, organization, sequencing, and execution ability											
TED TED	52. Use with limited emotional control and self monitoring 53. Use with limited judgment											
	un une mit mitter judgment											
Mertal Health												
	54. Use with debilitating fear or anxiety											
Cognitive & Sensory Intersections TED												_
TED	55. Use with interocular transfer of visual memory (retrieval based on limited acuity in a											
	single eye) 56. Use with limited phonological or phonemic awareness											
180	w. www.www.unima.yelonological.or.phonemic.awareness											
Independence TED												
	57. Use without autonomy or agency											_
	58. Use without privacy											
No Harm												
TED	59. Use without causing photosensitive seizure											
TED	60. Use without physical harm or risk											

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