Use case / feature	Owner(to explain)	MVP description	Puppeteer Required / Priority	Selenium Required / Priority	WebdriverIO Required / Priority	Playwright Required / Priorit	Cypress Required / Prio	In WebDriver Classic?	Classic Implementations?	Other clients?	Notes
Element is visible	Henrik	Check if an element is visible	P5	P2	P2	?	P5	Yes			Uses Selenium atoms
Web extensions: access background page	Maksim	Access background page (for debugging)	P3	P5	P2	?	P4	No			
File prompt handling	Alex	Receive an event when the prompt is opened, configure prompt behavior.	P3	P3	?	?	P5	No			
Click and wait for loaded	Henrik	Click on an element and wait until a potential page load finished	P5	P2	P5	?	P5	Yes			Clients could implement this
Advanced a11y features	jgraham	Query a11y tree, snapshot a11y tree	P3	P3	P3	?	P4	No			
Special form element interaction	jgraham	Setting the value of complex form controls, e.g. <input type=color>, properly simu	P5	P3	P3	?	P5	Yes	Blink/Gecko/WebKit		Can use scripting for many cases
Emulation: Geolocation	Jim	Set return values for geolocation API	P3	P4	P3	?	P4	No			Timezone should be same feature
Emulation: Timezone	Henrik	Override browser timezone	P3	P4	P3	?	P4	No	Chrome (flagged)		https://github.com/w3c/webdriver/issues/1047
Emulation: Viewport (hasTouch)	Henrik	Defines if the device has ability to handle touch events	P3	P4	?	P1	P4	No			
Emulation: Viewport (isMobile)	Henrik	Allows to simulate a mobile device (including user agent, meta viewport ...)	P3	P4	?	P1	P4	No			
Emulation: Viewport (isLandscape)	Henrik	Allows to switch between landscape and portrait mode for mobile devices	P3	P4	?	P1	P4	No			
Emulation: Network Conditions	Henrik	Emulate various network conditions (offline, throttling, ...)	P3	P3	?	P1	P4	No			
Emulation: User Agent (Get/Set)	Maksim	Override UA in a specific context, and get the original one [2]	P4	P5	P5	P1	P3	No	(supported via CLI flag in Chrome, pref in Firefox)		
Disable JavaScript	Henrik	Ability to disable JavaScript for a navigable	P3	P4	?	P1	P5	No			
Intercept navigable on creation	Henrik	Run commands before the page is loaded (eg. setting up the viewport)	P3	P3	?	P1	P4	No			
Network: Set extra HTTP headers	Henrik	Automatically add specified HTTP headers to each network request	P3	P4	?	P1	P4	No			
Run commands for specific user contexts	Henrik	Run a command in all browsing contexts for a given user context	P5	?	?	P1	P5	No			
Subscribe for events for specific user context	Henrik	Subscribe to events for all browsing contexts owned by the given user context	P4	?	?	P1	P5	No			
Retrieval of Content Quads	Henrik	Retrieve the position and size of elements with CSS transistions applied	P4	P4	?	P1	P4	No			
Keyboard layouts	jrandolf	Ability to test international keyboards	P4	P4	P3	?	P4	No			https://github.com/w3c/webdriver/issues/1743
Element layout information	jgraham	Better handling for inline elements?	P4	P4	P3	?	P4	Yes (getElementRect)			
Timeouts	Simon		P5	P3	P3	?	P5	Yes	Blink/Gecko/WebKit		Could be a client feature?
Get browser process info	jgraham	Info for browser processes (CPU, pid)	P5	P3	P3	?	P3	No			
Page source	Henrik	Get the HTML source for a context	P5	P3	P3	?	P4	Yes	Blink/Gecko/WebKit		
Emulation: Locale / language / JS APIs	Henrik	Emulate browser locale (including Accept-Language header, Intl APIs, and Navig	P4	P4	P4	P1	P4	No			Test page: https://mathiasbynens.be/demo/locale
Adjust context throttling	Sam	Switch in/out of throttled mode (low-power mode, etc.)	P4	P4	P4	?	P4	No			also related: Idle Detection API: https://developer.chrome.com/en/articles/idle-detection/
IO for large files (chunks/streaming)	Alex	Read / upload a file in chunks (e.g., generating a large PDF)	P4	P5	P4	P1	P4	No			
Tracing	Henrik	Get a list of trace vents from the browser activity	P4	P4	?	?	P3	No			
Screencast	Henrik	Record a video from a running test	P4	P4	?	?	P4	No			
Profiler	Henrik	Record a browser profile	P4	P4	?	?	P4	No			
Auth prompt handling (without interception)	Alex	Configure capabilities to auto-dismiss and handle the auth prompt	P3	P3	?	?	P5	No			
File download behavior (where to downoad to	Alex	Notify when a file is download and where to download it to	P3	P3	?	?	P3	No			
Autofill testing	Alex	https://github.com/w3c/webdriver/pull/1797	P4	P5	?	?	P4	No			
Websocket inspection	Henrik	https://github.com/w3c/webdriver bidi/issues/641	?	?	?	?	?	No			
~~Web extensions: load extension~~	~~Maksim~~	~~Install/uninstall web extension~~	~~P3~~	~~P3~~	~~P3~~	~~?~~	~~P4~~	~~No~~	~~Gecko~~		
~~Window manipulation~~	~~Henrik~~	~~Changing size and position of browser windows~~	~~P5~~	~~P2~~	~~P2~~	~~?~~	~~P5~~	~~Yes~~	~~Blink/Gecko/WebKit~~		
~~Basic A11y inspection~~	~~jgraham~~	~~Get computed/aria/role~~	~~P5~~	~~P3~~	~~P3~~	~~?~~	~~P5~~	~~Yes~~	~~Blink/Gecko/WebKit (of computed/aria/role)~~		
~~Network interception~~	~~Henrik~~	~~Intercept and modify network requests~~	~~P2~~	~~P2~~	~~P2~~			~~No~~			
~~Focus / Activate a tab (window)~~	~~Henrik~~	~~document.hasFocus(); unthrottle tabs~~	~~P1~~	~~P3~~	~~P3~~			~~Yes~~	~~Blink/Gecko/WebKit~~		~~Implemented as browsingContext.activate. Throttling of background tabs can be a problem. Also some implementation-specific tricks on use of background tabs~~
~~Frame handling~~	~~Simon~~	~~Way to get context from iframe element~~	~~P2~~	~~P2~~	~~P2~~			~~Yes~~	~~Blink/Gecko/WebKit~~		
~~User gesture during scripting~~	jgraham	Allow the browser to treat evaluated scripts as if they were started by a user ges	~~P2~~	P5	P5			No			
~~Viewport emulation~~	~~Alex~~	~~Change viewport size~~	~~P2~~	~~P5~~	~~P5~~			~~No~~			~~Not strictly required by most projects since it's possible to test on real hardware. Not feasible to implement based on setting window size, since browser UI varies per browser/platform. There's an open BiDi PR.~~
~~Capture screenshot (element, clip)~~	~~Henrik~~	~~Screenshot of a specific element, e.g. taking a full screenshot and then cropping~~	~~P2~~	~~P2~~	~~P2~~			~~Yes~~	~~Blink/Gecko/WebKit~~		
~~Capture screenshot (full page)~~	~~Henrik~~	~~Capture screenshot of the full rendered page, not the viewport~~	~~P2~~	~~P2~~	~~P2~~						
~~History traversal~~	~~jgraham~~	~~Traverse a delta in history~~	~~P2~~	~~P2~~	~~P2~~			~~Yes~~	~~Blink/Gecko/WebKit~~		~~Partial minimal implementation~~
~~Locate frames~~	~~Maksim~~	~~Locate nodes within a document~~	~~P2~~	~~P2~~	~~P2~~			~~Yes~~	~~Blink/Gecko/WebKit~~		~~Many us cases handled by script. Fix consider shadow dom navigation~~
~~Cookies~~	~~Maksim~~	~~Get/set/delete cookies for origin~~	~~P2~~	~~P2~~	~~P2~~			~~yes~~	~~Blink/Gecko/WebKit~~		~~Double keying means we can't reuse classes directly~~
~~File upload~~	~~jgraham~~	~~Set input type="file" content~~	~~P2~~	~~P2~~	~~P2~~			~~Yes~~	~~Blink/Gecko/WebKit~~		~~Not sure about sending a remote file~~
~~Permissions~~	~~Maksim~~	~~Handle a permission prompt~~	~~P2~~	~~P2~~	~~P2~~			~~Yes~~	~~Blink~~		~~https://chromedevtools.github.io/devtools-protocol/tot/Browser/#type-PermissionType~~
~~User context (incognito, sessions)~~	~~Alex~~	~~Support user contexts~~	~~P2~~	~~P2~~	~~P2~~			~~No~~			~~cross browser definition is potentially tricky~~
~~Drag n Drop Capability~~	~~jrandolf~~	~~A capability for disabling drag n' drop by input events~~	~~P2~~	~~P2~~	~~P2~~						
~~Add events for history navigations~~	~~Alex~~	~~https://github.com/w3c/webdriver bidi/issues/152 (pinned ticket)~~	~~P2~~	~~P2~~	~~P2~~						
~~Element interaction (keypress, mouse)~~	~~Henrik~~		~~yes~~					~~Yes~~	~~Blink/Gecko/WebKit~~		
~~Proxy Settings~~	~~Simon~~		~~yes~~	~~yes~~	~~yes~~			~~Yes~~	~~Blink/Gecko/WebKit~~		
~~Post to PDF~~	~~Henrik~~		~~yes~~		~~yes~~			~~Yes~~	~~Blink/Gecko~~		
~~Workers~~	~~Alex~~	~~Ability to evaluate scripts, request interception and other features in worker scripts~~	~~yes~~					~~No~~			
~~Atoms~~	~~Maksim~~		~~no~~	~~Yes~~				~~Yes~~			
Support resourceType in network events		Ability to see resourceType in network events, such as beforeRequestSent, requ	?	?	?	?	P1	No			

Priorities	
P1	Blocks general progress on BiDi in the client (blocks other features)
P2	Major use case, required for important testing scenarios, can't work around
P3	Important use case for some users, hard to work around
P4	Minor quality of life improvement, doesn't block anything important
P5	Don't expect to use this feature