# Moderator Script

## Consent & Information

- 1. Thank them for their help with our usability testing of Discord. Ask how they are doing. Introduce yourself and the team. Let them introduce themself to everyone on the call.
- 2. Let them read and sign the consent form. Thank them for signing the consent form.
- 3. Remind them about the usability test: "The purpose of this project is to test the usability of the application, Discord. First, we will have a short interview with general questions. After, the test will function with you going through the onboarding process, creating a text channel, creating a server, and creating a moderator/newcomer. Remember we are only testing the product, not you the user. We will be timing you throughout these different processes. You can ask clarifying questions at any time, and I may chime in to ask questions as well."
- 4. Ask the participant for their consent for screen recording. Tell them it will be used to re-listen to conversation for note taking.
- 5. Ask for consent to use a screenshot, or a picture of them performing the usability test. It will be used in our report on this project.
- 6. Ask the participant "Do you have any questions before we begin?"
- 7. (Begin the usability test after any questions or begin if no questions).

## Interview Questions:

- 1. First, tell me a little bit about yourself. Are you in school, if so what year in school are you?
- 2. What do you do for fun?
- 3. What does a normal day look like for you? Walk us through it.
- 4. Do you work, if so what do you do for work?
- 5. Do you have any experience with messaging/community apps like Facebook Messenger, Reddit, etc.?
- 5. Do you have experience using Discord?

(Transition to the Usability Test)

# Discord Usability Test Notes-Participant A

## Introduction

- The interviewee is doing well
- Has consent for recording and receiving images

# Background

- Junior in college
- Likes to draw when she can
- During semester
  - o Wakes up
  - o Eat
  - o Classes in morning
  - o Lunch
  - o Mandatory lab for class and for work
  - Eat dinner
- Works for a clinical research position at the medical center
- Messaging App experience: Has only experience with Quora and not messaging apps like Facebook messenger
- Discord Experience: Never completed the tasks in the test

## Task 1: Create a Server

- Clicks on the plus button
- Looks through the templates then clicks own
- Makes one for a club
  - o Asked for more instruction
- Changed the name of the server
- Time: 51s

# Task 2: View Onboarding Process

• No onboarding messages came up

# Task 3: Create Text Channel

- Looks around the screen to create a text channel
- Clicks the plus
- Changes the name of the channel
- Confirms creation
- Time: 14s

## Task 4: Create Two New Roles

- Create moderator and newcomer roles
- Went to members panel, clicked on a user, and clicked the plus to add
- Then went to the user to find more information and couldn't find it
- Then found the server settings and found the roles
- Didn't add any permissions
  - o Asked for clarification on what the second role was
  - o Changes color for roles
- Give moderator "manage nicknames" permission
  - o Gave user role but didn't give permission first
- Then searched through permissions and found it
- Time: 3m 7s

# Background

- Junior in college
- Likes to draw when she can
- During semester
  - o Wakes up
  - o Eat
  - o Classes in morning
  - o Lunch
  - o Mandatory lab for class and for work
  - o Eat dinner
  - o Club at 9 to do work
  - o Sleep before midnight
- Works for a clinical research position at the medical center
- Messaging App experience: Has only experience with Quora and not messaging apps like Facebook messenger
- Discord Experience: Never completed the tasks in the test

# Product Reaction Card Responses

- Advanced
- Organized
- Understandable
- Fast
- Straightforward
- Friendly
- Appealing
- Approachable
- Unfamiliar

# Discord Usability Test- Participant B

## Introduction

- The interviewee is doing well
- Has consent for recording and receiving images

# Background

- Freshman in college
- Enjoys playing video games with friends
- Does not work
- Messaging App Experience: not much, but has joined Discord servers that were offered
- Discord Experience and Level of Expertise: texting and using voice channels
- Typical Day
  - o Wakes up
  - o Drive to school
  - o Classes in morning
  - o Go home
  - o Do homework
  - o Relax

# Task 1: Create a Server for Classmates

- Clicks on the plus button
- Looks through the templates then clicks own
- Makes one for a club
- Impressions: Straightforward, exclamation point not really leading anywhere
- Time: 25s

# Task 2: View Onboarding Features

- Commented on top green bar, exclamation point on "Add a Server" button
- Time: 17s

# Task 3: Create Text Channel

- Clicks the plus
- Changes the name of the channel (not-share)
- Confirms creation
- Impressions: Straightforward, onboarding messages provided pings that defined terms
- Time: 25s

# Task 4: Create Two New Roles (Moderator and Newcomer) and Establish Permissions

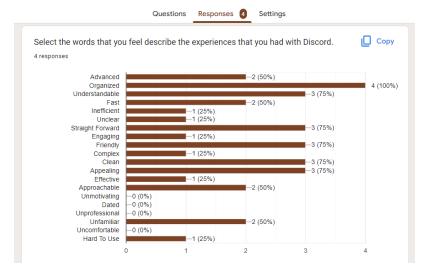
- Did not have prior knowledge of roles in Discord App
- Has a hard time finding the place to accomplish the task (says that there is nothing to indicate creating roles; highlights the onboarding message discussing voice channels)
- Notices Server Settings and Create Channel nested under Server Dropdown, does not select either of them
- Later Clicks on Server Settings (Moderator Aided)
- Created the roles and established permission for Moderator
- Time: 1m 50s

# Overall Experience

- Very straightforward
- Had to dig in order to create roles
- Opinion of onboarding: gave a general gist of each thing, but did not provide any in-depth feedback
- Would probably have found the roles function after a while, if moderator not there then would have consulate online sources

# **Product Reaction Card Responses**

- Organized
- Understandable
- Unclear
- Straightforward
- Friendly
- Appealing
- Clean
- Approachable
- Hard to Use



# Discord Usability Test- Participant C

## Introduction

- The interviewee is doing well
- Has consent for recording and receiving images

# Background

- Freshman in college
- Enjoys playing video games with friends
- Does not work
- Messaging App Experience: not much, but has joined Discord servers that were offered
- Discord Experience and Level of Expertise: texting and using voice channels
- Typical Day
  - o Wakes up
  - o Drive to school
  - o Classes in morning
  - o Go home
  - o Do homework
  - o Relax

# Task 1: Create a Server for Classmates

- Clicks on the plus button
- Looks through the templates then clicks own
- Makes one for a club
- Impressions: Straightforward, exclamation point not really leading anywhere
- Time: 20s

# Task 2: View Onboarding Process

• No onboarding messages came up

### Task 3: Create Text Channel

- Clicks the plus
- Changes the name of the channel (not-share)
- Confirms creation
- Impressions: Straightforward, onboarding messages provided pings that defined terms
- Time: 14s

# Task 4: Create Roles (Moderator & Newcomer)

- Did not have prior knowledge of roles in Discord App
- Has a hard time finding the place to accomplish the task (says that there is nothing to indicate creating roles; highlights the onboarding message discussing voice channels)
- Notices Server Settings and Create Channel nested under Server Dropdown, does not select either of them
- Later Clicks on Server Settings (Moderator Aided)
- Created the roles and established permission for Moderator
- Time: 3m 18s

# Overall Experience

- Very straightforward
- Had to dig in order to create roles
- Opinion of onboarding: gave a general gist of each thing, but did not provide any in-depth feedback
- Would probably have found the roles function after a while, if moderator not there then would have consulate online sources

# Product Reaction Card Responses

- Organized
- Understandable
- Unclear
- Straightforward
- Friendly
- Appealing
- Clean
- Approachable
- Hard to Use

# Discord Usability Test- Participant D

### Introduction

- The interviewee is doing well
- Has consent for recording and receiving images

# Background

- Senior at KSU (psych major)
- Currently unemployed
- Discord Experience: Has little experience (created a server once, no longer uses it)
- Pastimes: playing video games (MMOs, card games)

# First Impressions

• Flashing exclamation point on the left of the screen (onboarding indicator)

### Task 1: Create a Server

- Clicks on the plus button
- Clicks on Create my Own
- Clicks on Family and Friends option
- Onboarding Opinions: helpful, not that bad, inclined to get rid of onboarding pop-ups
- After creating server: Lots of information, does not know what Nitro is
- Time: 15s

# Task 2: View Onboarding Process

- Commented on top green bar, exclamation point on "Add a Server" button
- Time: 17s

## Task 3: Create Text Channel

- Clicks the text-channel plus (dismissed onboarding pop-up indicating that user was creating a text channel, figured that he could figure things out himself)
- Changes the name of the channel (new-channel)
- Confirms creation
- Time: 15s

# Task 4: Create Two New Roles (Moderator and Newcomer) and Establish Permissions

- Browses through top right navigation pane
- Chooses member list, clicks on self to create role
- Finds Server Settings Tab
- Finds Roles tab

- Creates Moderator
- Establishes Moderator Permission (Manage Nicknames)
- Process Experience: took a bit to get to it, but not bad; did not get frustrated finding the necessary prompts to complete task; if unable to find prompts as a moderator, would most likely consult google for help
- Time: 27s

# Overall Experience

- More of an exploratory user
- More inclined to click out of pop-ups (used to dealing with annoying ads)

# **Product Reaction Card Responses**

- Organized
- Inefficient
- Complex
- Clean
- Unfamiliar

# Heuristic Evaluation

### Introduction

The website and application Discord is used for creating and hosting servers for mass communication or chatting online with friends. Our team conducted a heuristics evaluation on the Discord website for desktops and laptops in order to see if it follows Nielsen's list of heuristics. Our team found that Discord follows many of the industry standards and conventions.

## Methods

First our team each reviewed the website individually and conducted heuristic evaluations of our own. We utilized Neilsen's guidelines to reinforce any statements or critiques we made about the website. After each team member performed their own individual heuristic analysis, we combined our information into one heuristic evaluation. Lastly, any issues discussed were labeled as catastrophic, major, minor, or aesthetic.

## Results/Discussion

## Visibility of System Status

We discovered that Discord tends to keep users informed about what is happening throughout different action pathways. They also give appropriate feedback within a reasonable time. User errors and pop-up notifications are also given to users on the screen when changing settings. Discord will sometimes have a loading circle that will appear if the server or network is slow. In Discord's onboarding process, they utilize animated exclamation points to call the user's attention toward parts of the server so that the user knows to start the onboarding process. When a user is creating a new text channel, the new channel is added underneath the channel type on the left side. During this process, the selected channel type is highlighted and radio button is filled. This is an example of Discord showing the user's selection. In the action pathway to create a moderator/newcomer, Discord shows previews for some features (eg, role icon, how the server acts) without the user committing to a selection. An issue that was spotted is that there is no feedback for role creation unless the user goes to add a role for a user or goes back to settings.

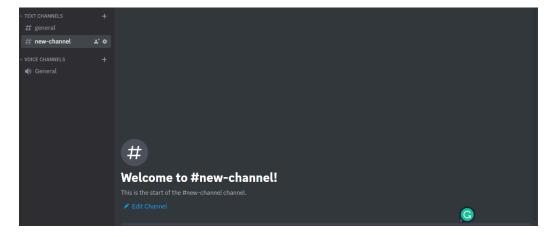


Figure 1: An image of basic Discord user interface upon login.

## Match Between System and the Real World

Discord adheres to conventions and standards in a way because they use the end user's words, phrases, and concepts, not jargon. They also follow real-world conventions so that info appears in a logical, "natural" order. The application uses terms that users are familiar with. If Discord introduces concepts or words that are new to the user, they provide an explanation during the step. Throughout the creating a server pathway, Discord uses modern language and is casual. They appeal to their target demographic.

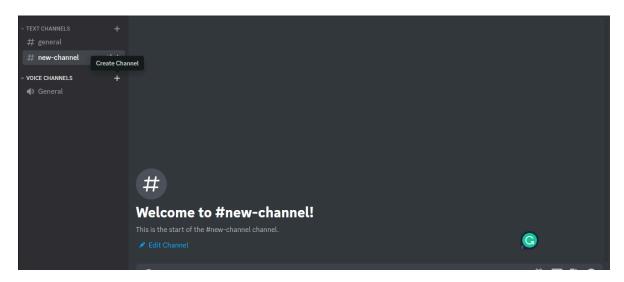


Figure 2: An image of basic Discord user interface upon login with "Create Channel" feature highlighted.

#### User Control and Freedom

This application gives users an "emergency exit" to leave an unwanted action. Users can either "Cancel" or exit out of settings. Users can also "Reset" the changes they've made in the "Server Settings." In making a text channel, users can exit the process at any time by clicking the "x" in the top right. In generating a moderator/newcomer on Discord, when clicking "View server as role", the user goes to the server and there is a button to go back to the edit role screen. Discord doesn't save progress on role when user returns.

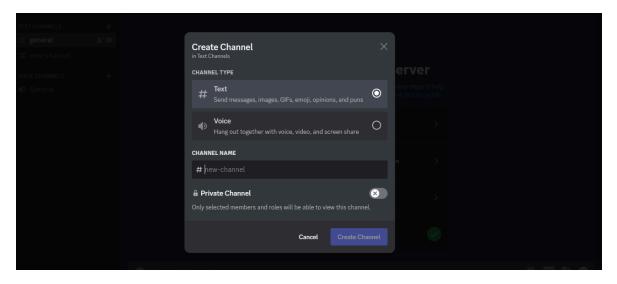


Figure 3: An image of the "Create a Text Channel" Discord user interface.

## Consistency and Standards

Discord is generally good at following platform and industry conventions. The application's main menu options are listed on the left side. The main exit button is on the top-right of the application. Discord also uses HEX codes for colors. The options for permissions within the application are similar to other applications, using the "Off/On" concept. When creating a text channel, a plus next to an item indicates that you add one - common on other websites. When generating a moderator/newcomer, uses an "x" and check on the switch to reinforce meaning for disabled and abled.

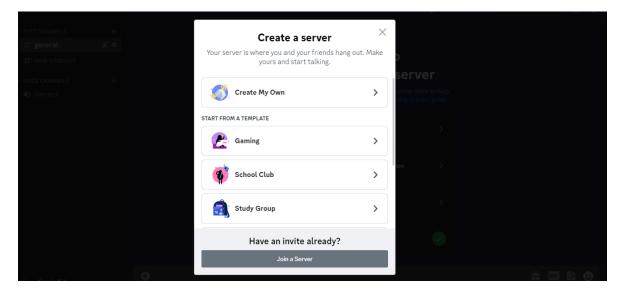


Figure 4: An image of the "Create a Server" on the discord user interface.

#### **Error Prevention**

Our team found that Discord eliminates conditions that invite errors, or present users with an "are you sure?" gate. The application uses pop-up notifications on the bottom with animation to get the user's attention. In the process of creating a server, the system does not confirm with users before creating a server. For creating a text channel, the button is grayed out when the channel name isn't filled out. This prevents users from creating channels without names. When making someone a moderator/newcomer, the permission to give someone all permissions is at the bottom. This leaves dangerous action out of the way.

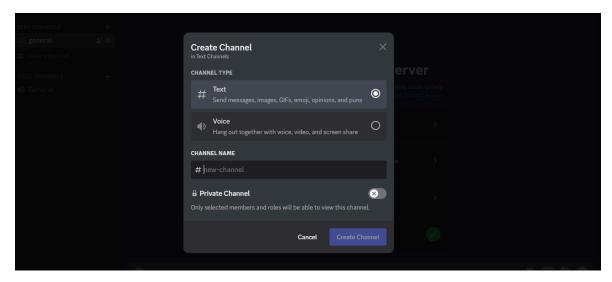


Figure 5: An image of the "Create a Text Channel" on the Discord user interface.

### Recognition Rather Than Recall

Discord follows more standards and conventions by not forcing the user to remember what things are/do. The application makes all elements, actions, and options visible. Field labels, menu items, and other items are visible or easily findable. The use of "gg sans" font makes it easier for users to view various options. The options in the settings have a clean UI for the menu items, labels, etc. With the action of making a server, all elements in the process such as field labels, menu items, etc. are easily visible and findable. When creating a moderator/newcomer, roles aren't readily visible from the dropdown next to the server name. The user would need to remember if it's under server settings. All settings categories are on the left-hand side navigation. All role settings categories are on the top navigation.

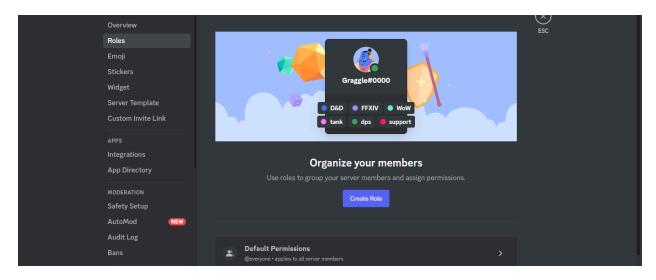


Figure 6: An image of the "Roles" feature nested under "Server Settings" in Discord user interface.

## Flexibility and Efficiency of Use

The application allows for both novice users (full action paths) and expert users (shortcuts that speed up the interaction). Users can right-click on previous roles to make copies if they are familiar with the setting. Discord also offers a walkthrough of the settings if it's a new server that the user creates. Server templates can be used for those who already have a complete server layout. In the process of making a server, users can choose to create their own server and or choose from ready-made template. New users are allowed to skip the question about the size of the Discord, adding a server name, and server photo. This allows new users to come back to the question. In making a text channel, the channel type provides icons for easy scanning.

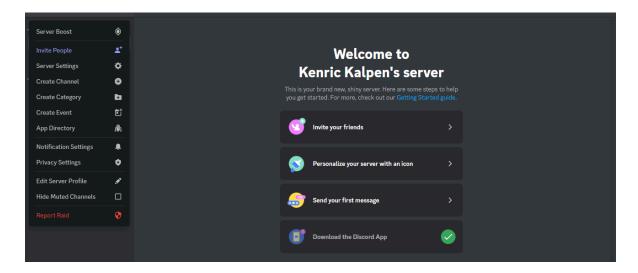


Figure 7: An image of the Discord user interface with the Server drop-down menu depicted.

## Aesthetic and Minimalist Design

Discord is good at only including the necessary information/options. Options are only server-related: Community, Nitro Boost, Roles, Moderation, etc. When going through the onboarding process, clicking on "try it out!" in the popup leads to a larger popup that blocks everything on the screen. This can lead users to different paths before they even learn the basics (sends users to activities).

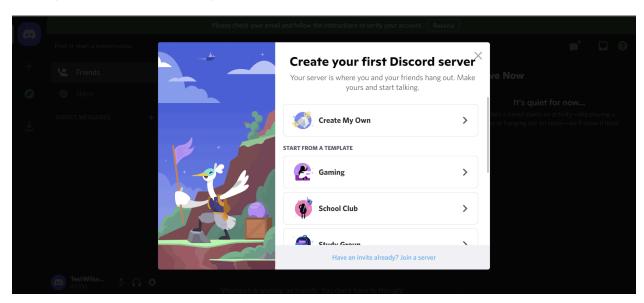


Figure 8: An image of the "Create your first Discord Server" popup of the Discord user interface.

## Help Users Recognize, Diagnose, and Recover from Errors

Our team learned that Discord states error messages in plain language, specifies problems, and suggests helpful solutions. The application offers outside resources including their FAQ and a server that the user can join to assist them.

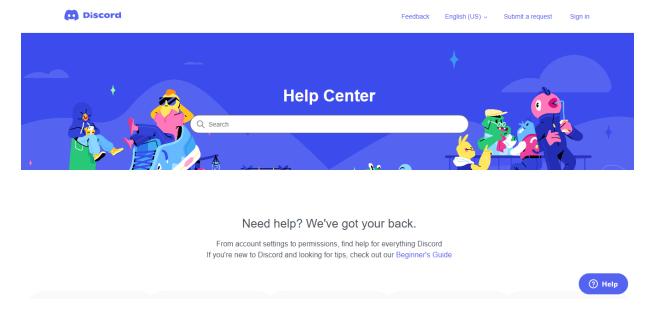


Figure 9: An image of the Help Center page on the official Discord website.

### Help and Documentation

Discord uses social media (Twitter), servers, and websites to provide users documentation of troubleshooting and live updates about the network and servers. In the process of creating a server, the "Create a Server" popup gives a descriptive heading and explanation for the window. Discord also doesn't explain what "start a conversation" does. It may create a channel name and the user may not want it named the phrase they inputted. When going through the onboarding process, Discord uses a popup next to each section to explain what they are and includes an image. A different popup shows new features in Discord and blocks the channels and onboarding. The popup also looks like onboarding. In making a text channel, a popup gives subtext to explain what each channel type does. When generating a moderator/newcomer, onboarding didn't explain where roles were. New users may not be able to find it. A section for roles shows animation of roles, title, and descriptions if there are no roles.

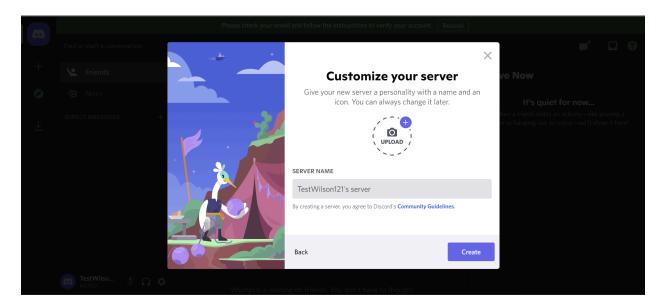


Figure 10: An image of the "Customize your Server" on the Discord user interface.

# Conclusion

Overall, our heuristic evaluation conducted on Discord showed that Discord follows many standards and conventions. Through putting ourselves "in the shoes" of a new user utilizing Discord to create a server, text channel, moderator/newcomer, or going through onboarding, our team was able to locate issues and good practices in order to pair them with Neilsen's guidelines.

# Cognitive Walkthrough

### Persona

**Basic Information** 



Name: Jack Dawson
Age: 20-year-old
Occupation: College Student
Basic Traits:

- No prior knowledge of Discord
- Study on the Kennesaw State University Kennesaw Campus
  - Basic technical literacy

#### Goals

- Understanding basic features of Discord
- Creating a group for his English class to share content and communicate
- Creating servers without going to outside help

#### Background

Jack is a 20-year-old student at Kennesaw State University currently enrolled in the ENG 1102 class. He's an English major, so he works hard and pays attention in his class. However, he knows that many students see the class as a general education class and miss class. Many students are not passing the class, so Jack wanted to create a space for students to share notes and information to help his classmates pass the class.

To create his server, Jack's main priorities are to create a space for sharing notes and having general conversations. He does not want the sections to be blurred together and needs distinct categories, so other classmates can find specific channels easier. Because he is new to Discord and does not understand the complex features, he does not want to spend too much time trying to understand what each feature does or go to outside help for more information.

### **Activities & Tasks**

#### Use Case

When signing up for Discord, the user is met with the onboarding process. Here, the website explains the basic features of Discord, such as text and voice channels. After going through onboarding, the user has the option to create a server, join another user's server, or join private messages with friends.

When creating a server, the user can select the plus icon in the left nav bar. Here, the user can choose between creating their own server from scratch or choosing a template. The user can then add their own channels and customize the members and server to their needs. This can include creating roles, events, and categories.

The user can also choose to join a public server, servers that are available for the public and are often for gaming communities. A user can join a server that already exists and communicate with other members of the server. As a member of the server, they are restricted in what they can do in the server (e.g., creating roles, pinning messages, etc).

The user can also have private messages and groups with friends and other users. By clicking on the icon, the user now has access to their direct messages and can see their private messages and groups. These differ from servers because they lack roles, channels, and other features that allow customization.

#### Scenario

After creating an account on the Discord website or application, users are presented with a screen that showcases their friends and direct messages lists (left side of the screen) followed by their server list (leftmost side of the screen). Since the user is looking to create a server to communicate with their classmates about assignments, projects, and class notes for their English 1101 class, they click on the plus sign icon on the left side of the screen to create a new server and enter the required information into the proper dialogue boxes. Once the server is created, the user then creates designated text channels to keep all related information (assignments, projects, notes, etc.) organized. After creating the text channels, the user then allocates roles to members (for example, moderator, newcomer, etc.) of the server in order to designate specific freedoms and actions that users in the server can do. Once everything is all set up and established, the user begins to add classmates to the server so that they can join the server before the semester begins.

# **Action Sequence**

- Create a server to communicate with classmates.
  - o Find and click the "Add a Server" button.
  - o Click the "Create My Own" button.
  - o Click the "For a club or community" button.

- o Name the server "English Class."
- o Click the "Create" button.
- Go Through Onboarding
  - o View new features.
  - o View tutorial on text channels.
  - o View tutorial on messaging in server.
- Create a text channel
  - o Find the button to create a text channel.
  - o Fill out the information for the channel.
- Create two roles (Moderator & Newcomers).
  - o Click on "Server Settings."
  - o Click on "Roles."
  - o Click on "Create Role."
  - o Create the Moderator Role.
  - o Create a "Manage Nicknames" Permission for the Moderator role.
  - o Create the Newcomers Role.

# Cognitive Walkthrough

Main Goal: Create a server to communicate with classmates.

Task 1: Find and click the "Add a Server" button.

Click the plus button on the left-hand side.

Yes, the user will recognize the plus icon and click the button to add a server.

Add a Server

I Voice Connecte General / Usability Tes

Main Goal: Create a se	rver to communicate w	ith classmates.	
Task 2: Click the "Crea	te My Own" button.		
Click the button on the top of the stack.	Yes, the user will understand what to do at this step.	Yes, the user will recognize the text and click the button to make a server.	Create a server  Your server is where you and your frends hang out. Make yours and start tailing.  Create My Own  START FROM A TEMPLATE  Canning  School Club  School Club  Have an Invite already?

Main Goal: Create a server to communicate with classmates.

Task 3: Click the "For a club or community" button.

Click the plus button on the bottom of the stack.

Yes, the user will recognize the text and click the button to make a server.

Tell us more about your server to increde to help you with your setup, is your new server for just a few friends a larger community?

For a club or community to make a server.

Main Goal: Create a server to communicate with classmates.

Task 4: Name the server "English Class."

Click on the tab and write "English Class".

Yes, the user will recognize the text and type in the name of the server.

Customize your server in the name of the server.

Server NAME English Class
Back Control

Main Goal: Create a server to communicate with classmates.

Task 5: Click the "Create" button.

Click the "create" Yes, the user will understand what to right of the menu.

Yes, the user will recognize the text and click the button to create a server.

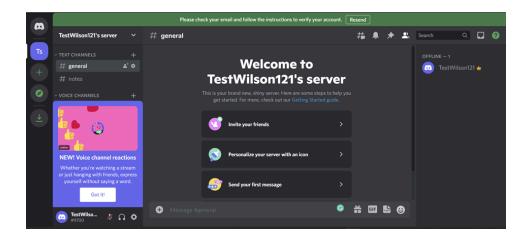
Create

Main Goal: Go through onboarding

Task 1: Find the button to create a text channel

Click the plus button	The user will know	The user will know		Create Channel
next to a category	what to do at this	what to do at this	~ TEXT CHANNELS	+
name (e.g., text	step and will	step because the	# general	<b>≛</b> * ♦
channels)	understand that they	plus icon traditionally	~ VOICE CHANNELS	+
	did the right thing.	means to add	◆ General	
		something.		
		They will know that		
		they performed the		
		right action because		
		a channel will appear		
		underneath the		
		category.		

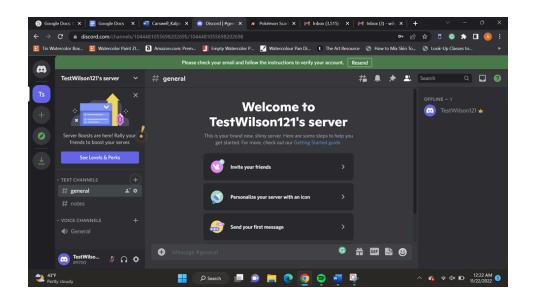
Main Goal: Go throu	gh onboarding		
Task 1: View new fea	tures.		
Read the information in the pop-up and click "Got It!" to close the pop-up	The user will know what to do at this step and will understand that they did the right thing.	The user will know what to do at this step because the pop-up is automatically there and is a distinct color from the rest of the screen. They will know to click the button because "Got It!" implies understanding.  They will know that they performed the right action because the pop-up will disappear.	(See screenshot below).

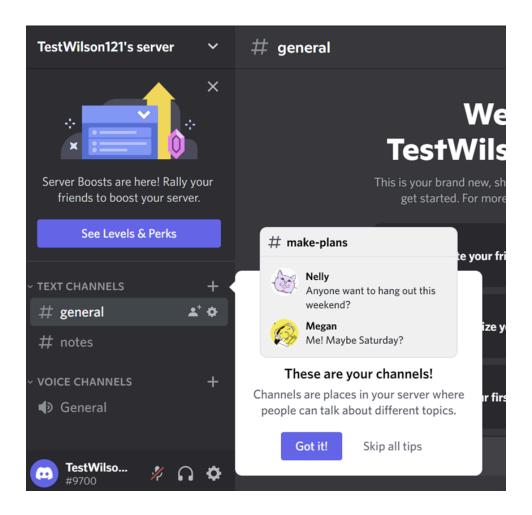


#### Main Goal: Go through onboarding Task 1: View tutorial on text and voice channels. Click on the plus icon The user will know The user will know (See screenshots next to "Text what to do at this what to do at this below). Channels", view the step and will step because the tutorial about text understand that they icon is noticeably did the right thing. and voice channels, circled and glows a and exit the pop-up gold color. They will know to click the button because "Got It!" implies understanding. They will know that they performed the right action because the pop-up will appear when clicking on the plus icon. The

pop-up will

disappear when they click on "Got It!"





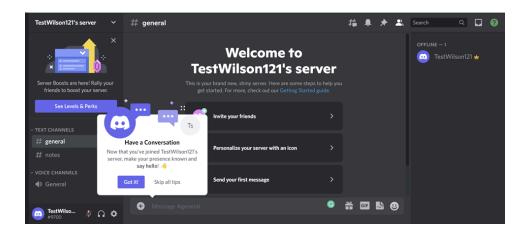
Main Goal: Create a text channel.

Task 1: View tutorial on messaging in server.

Click on the input field, view the tutorial on messaging in a server, and close the pop-up. The user will know what to do at this step and will understand that they did the right thing.

The user will know what to do at this step because the icon is noticeably circled and glows a gold color. They will know to click the button because "Got It!" implies understanding.

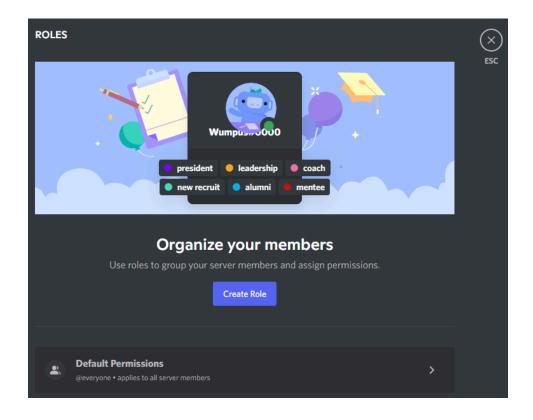
They will know that they performed the right action because the pop-up will appear when clicking on the plus icon. The pop-up will disappear when they click on "Got It!" (See screenshots below).



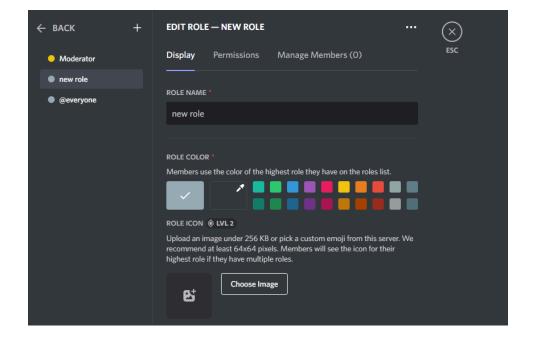
Main Goal: Create a text channel. Task 2: Fill out the information for the channel Fill out the input The user will know The pop-up explains fields in the pop-up what to do at this what each section and confirm inputs step and will and option mean and does. understand that they did the right thing. They will know that they performed the right action because a channel with the # general inputted information # test-channel will appear in the list of channels. **♦** General

Main Goal: Create two roles (Moderator & Newcomers). Task 1: Click on "Server Settings." Click the drop-down The drop-down The user will see menu on the server menu will appear on "Server Settings" in and click "Server the top-left of the the drop-down menu and will click on it to Settings" to create a application. The user role. will see the button go to the settings. A "Server Overview" for "Server Settings" in the drop-down page will appear with different settings. menu.

Main Goal: Create two roles (Moderator & Newcomers). Task 2: Click on "Roles." The "Roles" menu The user will see Click the "Roles" (See screenshot button on the left "Server Settings" in below). will pop up, the drop-down menu side of the showing a hero application. and will click on it to graphic on the top go to the settings. of the screen. There is a blue button named "Create Role" for the user to click on to create a role.

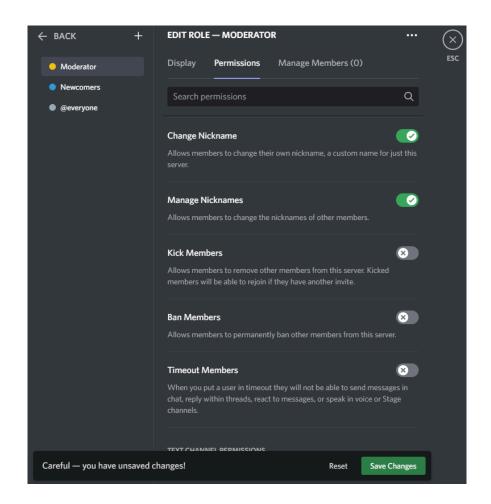


Main Goal: Create two roles (Moderator & Newcomers). Task 3: Click on "Create Role." The "Create Role" Buttons signify for Click the "Create (See screenshot Role" button in the users to click on it. below). button is blue, middle of the The menu will show signaling the user application window. the role name, color, that it's clickable. icon, and other The menu for settings that the user creating/editing a can choose. role will pop up.

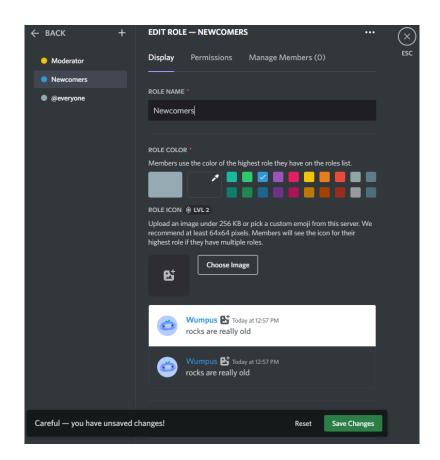


Task 4: Create the Mo	oderator Role.		
Change the Role Name to "Moderator" and the Role Color.	The Role will be called "new role" on the left-side of the screen above the "everyone" role. The red asterisks beside "Role Name" and "Role Color" indicate that the user can make changes to the settings.	The user will see a pop-up at the button that will have a green button that says, "Save Changes." Also, the Wumpus text at the bottom and the dot beside the "Moderator" role will change to whichever color the user chooses.	(See screenshot below).

Task 5: Create a "Mar	nage Nicknames" Perm	ission for the Moderator	role.
Click on the "Permissions" tab above the role settings and scroll down until "Manage Nicknames" appears on the list. Then click on the grey "X" button to turn on the permission.	The screen will change to a tab shows "General Server Permissions." Once the user scrolls down, they will see the "Manage Nicknames" permission and click on it.	The user will see a pop-up at the button that will have a green button that says, "Save Changes." The button will also change from a grey "X" to a green check mark.	(See screenshot below).



Main Goal: Create two	o roles (Moderator & N wcomers Role.		
Change the Role Name to "Newcomers" and the Role Color.	The Role will be called "new role" on the left-side of the screen along with the "Moderator" and "everyone" roles. The red asterisks beside "Role Name" and "Role Color" indicate that the user can make changes to the settings.	The user will see a pop-up at the button that will have a green button that says, "Save Changes." Also, the Wumpus text at the bottom and the dot beside the "Newcomers" role will change to whichever color the user chooses.	(See screenshot below).



# Additional Materials

#### **Consent Form 1**

#### KENNESAW STATE UNIVERSITY

#### **USABILITY TEST CONSENT FORM**

Title of Research Study: Discord Onboarding Usability Test

#### **Researcher's Contact Information:**

Antonella Mai amai2@students.kennesaw.edu

Kenric Kalpen kkalpen@students.kennesaw.edu

Sherry Carswell scarsw10@students.kennesaw.edu

Morgan Philip mphilip@students.kennesaw.edu

You are being asked to take part in a research study. The information in this form will help you decide if you want to be in the study. Please ask the researcher(s) if there is anything that is not clear or if you need more information.

#### **Description of Project**

In our Discord Onboarding Usability Testing project, we will be studying the how well Discord handles its onboarding for new users. We will focus on new users creating a server and customizing the server for their needs.

#### **Explanation of Procedures**

If you agree to participate in this study:

The usability test will take around 30 minutes and consist of the participant navigating Discord and performing specified tasks.

To begin the test, we will remind the participant of the topic of the study and request if we have their permission to video record the meeting for notetaking. If the participant agrees, we will start by sending the participant the email to register an account with Discord. We will watch the participant go through the website, noting potential struggles and asking questions for any signs of friction in their process. Afterward, the participant will describe their experience with product reaction cards. At the end of the interview, we will thank the participant for their time and ask to reach out for any further questions.

Participation is voluntary. You can refuse to take part or stop at any time without penalty. Refusal or withdrawal from the interview will not affect other activities conducted.

#### **Risks or Discomforts**

There are no known risks or anticipated discomforts in this study.

#### **Benefits**

While there are no direct benefits, research on this topic will benefit other users of Discord. With this information, the research may give insight into how Discord and other similar messaging apps can onboard their users to create a more seamless experience.

#### Compensation

Participants will receive \$5 for their participation in this study.

#### Confidentiality

To protect your privacy, we will assign you an identifier that only we know is associated with you in any notes or documents. Your name or personal information (that you do not give consent to share) will not appear in these documents. Only information relating to the study will appear. We will keep this list of identifiers of all participants on my personal computer that only we have access to. These identifiers will be kept to prevent your personal information from being shared. However, the document with your personal information linked to identifiers will be deleted after the completion of the study. Afterward, only your feedback and identifiers will exist.

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Signature of Participant or Authorized Representative, Date	
Christopher J. Mai (12/09/22)	
If you agree to participate in this research study, please sign below	w:

\_\_\_\_\_

Signature of Investigator, Date

Morgan Philip (12/09/2022)

\_\_\_\_\_

PLEASE SIGN BOTH COPIES OF THIS FORM, KEEP ONE AND RETURN THE OTHER TO THE INVESTIGATOR

### **Consent Form 2**

### KENNESAW STATE UNIVERSITY

#### **USABILITY TEST CONSENT FORM**

Title of Research Study: Discord Onboarding Usability Test

#### **Researcher's Contact Information:**

Antonella Mai amai2@students.kennesaw.edu

Kenric Kalpen kkalpen@students.kennesaw.edu

Sherry Carswell scarsw10@students.kennesaw.edu

Morgan Philip mphilip@students.kennesaw.edu

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#### **Risks or Discomforts**

There are no known risks or anticipated discomforts in this study.

#### **Benefits**

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Rian Philip (12/09/22)

Signature of Participant or Authorized Representative, Date

Signature of Investigator, Date

PLEASE SIGN BOTH COPIES OF THIS FORM, KEEP ONE AND RETURN THE OTHER TO THE INVESTIGATOR

#### **Consent Form 3**

#### KENNESAW STATE UNIVERSITY

#### **USABILITY TEST CONSENT FORM**

Title of Research Study: Discord Onboarding Usability Test

#### **Researcher's Contact Information:**

Antonella Mai amai2@students.kennesaw.edu

Kenric Kalpen kkalpen@students.kennesaw.edu

Sherry Carswell scarsw10@students.kennesaw.edu

Morgan Philip mphilip@students.kennesaw.edu

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#### **Risks or Discomforts**

There are no known risks or anticipated discomforts in this study.

#### **Benefits**

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If you agree to participate in this research study, please sign below:

Tripp Moultrie (12/09/22)

Signature of Participant or Authorized Representative, Date

Morgan Philip (12/09/2022)

\_\_\_\_\_

Signature of Investigator, Date

PLEASE SIGN BOTH COPIES OF THIS FORM, KEEP ONE AND RETURN THE OTHER TO THE INVESTIGATOR

#### **Consent Form 4**

## KENNESAW STATE UNIVERSITY

#### **USABILITY TEST CONSENT FORM**

Title of Research Study: Discord Onboarding Usability Test

#### **Researcher's Contact Information:**

Antonella Mai amai2@students.kennesaw.edu

Kenric Kalpen kkalpen@students.kennesaw.edu

Sherry Carswell scarsw10@students.kennesaw.edu

Morgan Philip mphilip@students.kennesaw.edu

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#### **Risks or Discomforts**

There are no known risks or anticipated discomforts in this study.

#### **Benefits**

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If you agree to participate in this research study, please sign below:

Jenny Trejo (12/09/22)
Signature of Participant or Authorized Representative, Date
Morgan Philip (12/09/2022)
Signature of Investigator, Date

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## Screen Recordings:

https://drive.google.com/drive/folders/12GWINbQ3qmZ19SJzqxslYPEJuZJyE3R-?usp=share\_li\_nk

## Recruitment Survey Link:

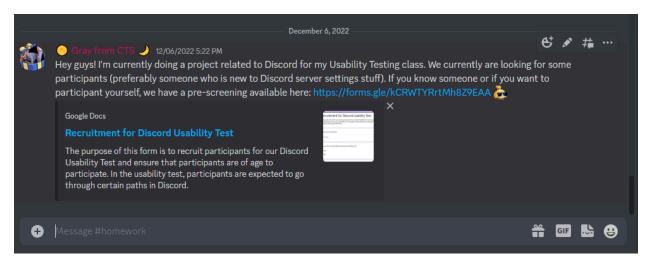
https://docs.google.com/forms/d/e/1FAIpQLScajo38xJdUiiZH-NiTTLpAP5gWsDwl5AA8QU3F4ulgMxDRiA/viewform

## **Product Reaction Survey Link:**

https://docs.google.com/forms/d/e/1FAlpQLSc1VJW8PIFC8P1fgEnlFEd\_eeLOM1YBHqepEjUlRSD3tQn36w/viewform

## Notable Images:

Image of Discord Announcement for Usability Test



## Image of a Usability Test Session (recorded on Microsoft Teams)

