Create a **1–2 page summary** of the following:

1. **Product Specification Description:** What does your product do? Who is the product for?
2. **Product Specification Requirements:** What are the requirements to make the product work?
3. **Proposed Demonstration:** Describe what your proposed demo will do and include

| **Team Concept Summary** (300 words): | A new feature that does not already exist on Discord. It’s a new section integrated inside of Discord that allows users to search for bots.  Discord is a voice communication platform used broadly in gaming, and youth communities. It lacks important accessibility features.  Bots add additional functionality to communities, playing music, logistics, server setup, name colors, closed captioning, text to speech.  The Bot Finder would provide greater access to accessibility and helpful features so that people can more easily get helpful resources that would otherwise be difficult to find or inaccessible on external scattered sites outside of Discord.  The Bot Finders audience is all discord users who can add bots, while also offering accessibility to our more targeted audience of disabled gamers. Making it a larger feature allows for more visibility and wider adoption, making those with disabilities not feel different or ostracized for using such a feature.  Direct integration into Discord allows for much more outreach to all discord users, and in weekly discord notifications attention can be brought to a “Bot of the Week” that could focus on accessibility. |
| --- | --- |
| **Team Name**: | Game Accessibility |
| **Product Name**: | Bot Finder - Find Public Bots(Discord Embedded Feature) |

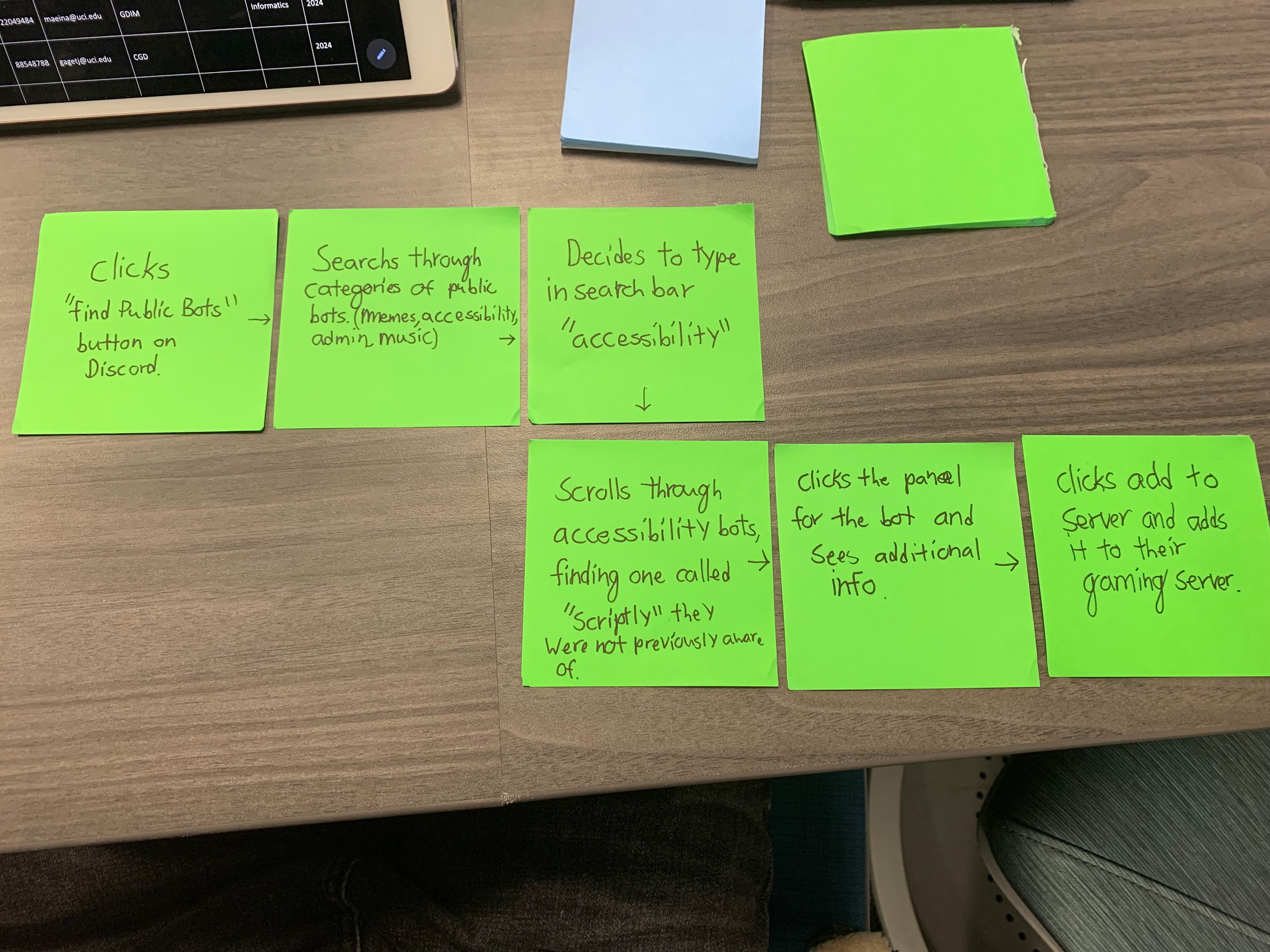
| **Full Name** | **Student ID** | **UCI Email** | **Major(s)** |  | **Minor(s)**  **(if applicable)** | **Est. Grad Year** |
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|  |  |  |  |  |  |  |

# **1. Product Specification Description**

*Create a* ***short, illustrative scenario*** *that describes your product’s functionality & purpose:*

* *Who are each of your core stakeholders?*
* *What are each of their needs, challenges, and goals (1 sentence each)?*
* *What could they each accomplish with your product?*
* *What is the overall impact it could have on their life?*
* *What are the core functionalities and how do they relate to the stakeholder goals & impact?*
  + *Function --> Goal --> Impact.*
  + *List each of the core functionalities — and relate them to the higher goals and broader impact. (e.g. set a timer (function) --> manage time (goal) --> reduce stress (impact)).*
* *Give an example scenario of the proposed interaction paradigm and user interface*
* *Embedding this all into a scenario can bring it to life!*

A disabled gamer who is hard of hearing wants to utilize Discord to communicate with their friends during gaming sessions. They need help accessing tools that would allow them to communicate better with them. They use Discord's new search for bots function, allowing them to search for a bot that would provide them with closed captioning for their calls. Upon adding it to the server, the disabled gamer is now able to communicate with their friends more effectively, hearing their callouts and participating in casual conversation. They feel more included and comfortable as a result of being provided these accessibility tools.



# **2. Product Specification Requirements**

* *Summarize your stakeholder requirements (functional and contextual)*
  + *You might insert a short table for these!*
  + *Functional: What functions do they need*
  + *Contextual: What constraints do they have*
* *Describe the software / hardware requirements of your product*
  + *For example, provide the operating system, 3rd party applications, and/or physical components to make your product functional.*

Stakeholder Requirements

|  | Discord Server Admin | Disabled Gamer | Discord |
| --- | --- | --- | --- |
| Functional | Bots | Accessibility features | A way to help users find bots |
| Contextual | * Hard to find bots that are functional * Hard to discover new bots * Current websites to find discord bots look/feel terrible | * Discord has minimal accessibility features, especially for HOH folks * Disabled gamers have trouble connecting with their fellow gamers because of this | * doesn't want to bloat their features, so only wants really useful new features. * Want to have minimal development costs. |

Software / Hardware Requirements

* Backend: Majority Elixir and Python, with some Rust, Go and C++
* Frontend: HTML + CSS + Javascript
* Operating systems: PC, Mac, iOS, Android, Web Browser

# **3. Proposed Demonstration**

*Describe your proposed product demo. The demo should be a working prototype of some key functionality of the product that you are designing and illustrate the competitive differentiation and/or technology that you are relying on. This is just a “proposed demo.”*

Our product demonstration will be a working interactive wireframe of our bot finding feature integrated to look like it's in discord. It will show bots that can be added, allow those bots to be added into the server, have an example search bar, and categories that can be searched in.