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### Individual Term Project Proposal: Discord Bot

Discord is a free proprietary VoIP application and digital distribution platform first launched in May 2015 primarily designed for gaming communities (sometimes referred to as “Slack for gamers”), but has since evolved to be a more general-purpose platform being adopted by every type of community imaginable. Discord is a cross-platform application, being able to run on Windows, macOS, Linux, Android, iOS, and even web browsers.

As of May 2019, Discord surpassed 250 million registered users. Every month over 56 million people log in on the app, with 850 million messages being sent every day. Any user is able to create their own server on Discord for free with no hosting costs whatsoever. Discord is also the main platform used by popular YouTubers and streamers to interact with their fanbases. This high volume and constant influx of users and messages makes it extremely difficult for administrators of popular Discord servers to properly moderate their communities. This makes Discord bots (special “robot” user accounts) essentially necessary to facilitate quick and efficient warning, kicking, and banning systems, amongst other functions such as voice muting and deafening, automatic setting of user permissions, etc.

Therefore, I propose the creation of a new Discord bot for these purposes. My goal is to ease the strain of server moderators so that they may focus on things that require their most attention. This bot will be easy to use through simple text commands, and should perform quickly and reliably. Features will be added gradually so that the bot is at least usable early on in its development as more features are continually added. The bot will have a command to provide command documentation to the end users in an organized format for easy reference.

Sources:

<https://www.cnet.com/news/discord-slack-for-gamers-hits-its-fourth-year-at-250-million-registered-users/>

<https://www.pcgamer.com/one-year-after-its-launch-discord-is-the-best-voip-service-available/>

[https://en.wikipedia.org/wiki/Discord\\_\(software\)](https://en.wikipedia.org/wiki/Discord_(software))