**Senior Project Proposal**

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Discord Bot

Goal

I want to create a bot for Discord that has the best features of all the other bots out there and is more customizable. Once completed other people will be able to use this bot free of charge if they download it from GitHub after completed and add it to their own server.

Details

The bot will be uploaded to GitHub, and people can download the bot and acquire a token so they can add it to their own servers. It will primarily be coded in JavaScript due to most discord related programs all being coded in JavaScript. It will also be customizable, unlike most other bots out there, simply by typing commands into discord and enabling/disabling certain features. It will provide people with the opportunity to have one discord bot that they can chose what they want from it without downloading multiple bots and adding them all separately.

Project Goals

* (5 points) Be able to display pictures based on the keyword entered.
* (5 points) Be able to keep a log of all commands entered for the bot to compute.
* (10 points) Be able to play the number one result on YouTube when the play song command is entered.
* (2 points) Be able to replay songs.
* (5 points) Have an adjustable master volume.
* (10 points) Be able to create customizable playlists and then play them on command.
* (3 points) Be able to delete messages in the channel you type the delete command.
* (3 points) Display the fact of the day when asked to do so.
* (7 points) Be able to enable/disable features by entering a command.

Total Points : 50

Grading Scale

* 45-35 Points = A
* 34-30 Points = B
* 29-25 Points = C
* Below 25 = Fail