Manual Test Plan

Description:

Ever get tired of listening to the same set of songs over and over again? This new Discord bot aims to solve that problem! By utilizing the Spotify API, the bot allows server users to generate a random song based off a certain category. It also inspires more community interaction by allowing users to submit songs to a playlist and to have them be judged competition style by users of a specific role!

Environment Setup:

- Operating system:
  - Windows
  - Linux
  - Mac
  - Anything that can run NodeJS

- Development setup:
  - Webstorm IDE
  - NodeJS version 7.6.0
  - Eslint version 7.23.0

- Program setup:
  - Clone the code via Gitlab
  - Install the package.json dependencies
  - Gain Spotify tokens and Discord bot tokens
  - Setup the .env file
  - Run NPM start to start the application

Testing Working Deployment:

Invite Test

- Invite the bot
  - Create a new Discord server
  - Head over to the Discord Dashboard and get the invite code
  - Invite the bot to the server

- Confirm that bot is now in the server
    - Check player list on the side
    - Confirm that a player with the name [Bot Name] exists and has a [BOT] tag next to the name.

- Debugging for potential issues:
    - If bot is not in the server
        - Head to Dashboard to make sure that there is a working bot attached to the application.
        - Check if the invite link is correct.

Code Connectivity Test

- Run 'NPM Start'
    - This will start up the Node server where the code will be hosted
    - Proper connectivity with the bot means that the running server controls the created bot.

- Confirm that the bot is now in the 'online' section
    - The default for the bot is in the 'offline' section
    - Once the 'NPM Start' has run, the bot should automatically move to the 'online' section.

- Run the '!ping' command in the server
    - If the bot is properly configured, the bot should respond to the ping with a message that says 'Ping received. Bot is online and working!'

- Debugging potential issues:
    - If NPM start is giving issues
        - Double check program setup
        - Make sure everything is install properly
    - If Bot does not go online
        - Double check the Discord token and .env setup
    - If Bot is online but does not respond to '!ping'
        - Double check Discord token and .env setup again
        - Confirm that the NodeJS server is running
        - Confirm that the right code was downloaded from Gitlab