

Project Abstract

BeatBard – A Discord Bot

Discord is an instant messaging and **VoIP** social platform used to communicate with voice calls, video calls, text messaging, media and files in private chats or as part of communities called "**servers**". A server is a collection of persistent chat rooms and voice channels which can be accessed via invite links. Discord runs on Windows, macOS, Android, iOS, iPadOS, Linux, and in web browsers. It is primarily used by **gamers**, although the share of other users is growing.

BeatBard - A Discord Bot is developed using **Python** programming language, with the goal of enhancing community engagement and automating various tasks. The bot will utilize the discord.py library, which provides a straightforward interface for interacting with the Discord API.

The project commences by creating a new bot through the **Discord Developer Portal**, generating a unique bot token, and configuring necessary permissions. The primary objective of the project is to design and implement a set of features that facilitate community interaction and simplify administrative tasks. The bot will possess capabilities such as channel moderation, user management, music services and customizable commands and responses.

Additionally, the project will explore integrating **external APIs**, leveraging Python's rich ecosystem of libraries, to extend the bot's functionality. This may include integrating **music streaming services**, **Inspiration quotes services** and other relevant APIs.

Languages & Tools Used:

Front End: Discord

Back End: Python and APIs

IV M.Sc. Software Systems (2020-2025)

Academic Year 2023-2024

Major Project - I Review

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Organization (if any) :

Review 1:

Date:

Observation:

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Review 2:

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Observation:

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Signature of Project Guide
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