EN1GMA 4.0

INTRODUCTION

Enigma is a user-friendly, personalized Discord bot designed for playing songs in any voice channel. It lets you effortlessly play, repeat, switch tracks, and reorganize your queue with ease.

WHAT IT IS?

- **Shared Listening Experience:**
Bring teams and friends together to enjoy music in Discord voice channels.
- **Seamless Playback Controls:**
Play, pause, and resume music effortlessly, with the option to add your favorite tracks.
- **Tailored Recommendations:**
Suggest songs that match the mood and vibe of the chat room.

WHAT'S NEW?

Enhanced Bot Features:
- Advanced Queue Controls:
Take full control of your playlist with the ability to **jump** to any song, **loop** favorites, **replay** tracks, and seamlessly **rearrange songs within the queue** to suit your listening preferences.
- Feedback System for Personalization:
Like or dislike songs to fine-tune future recommendations.
- Enhanced performance:
Resolved occasional glitches in queue management and command execution; perfomed minor changes to **Automated-yapf workflow**.
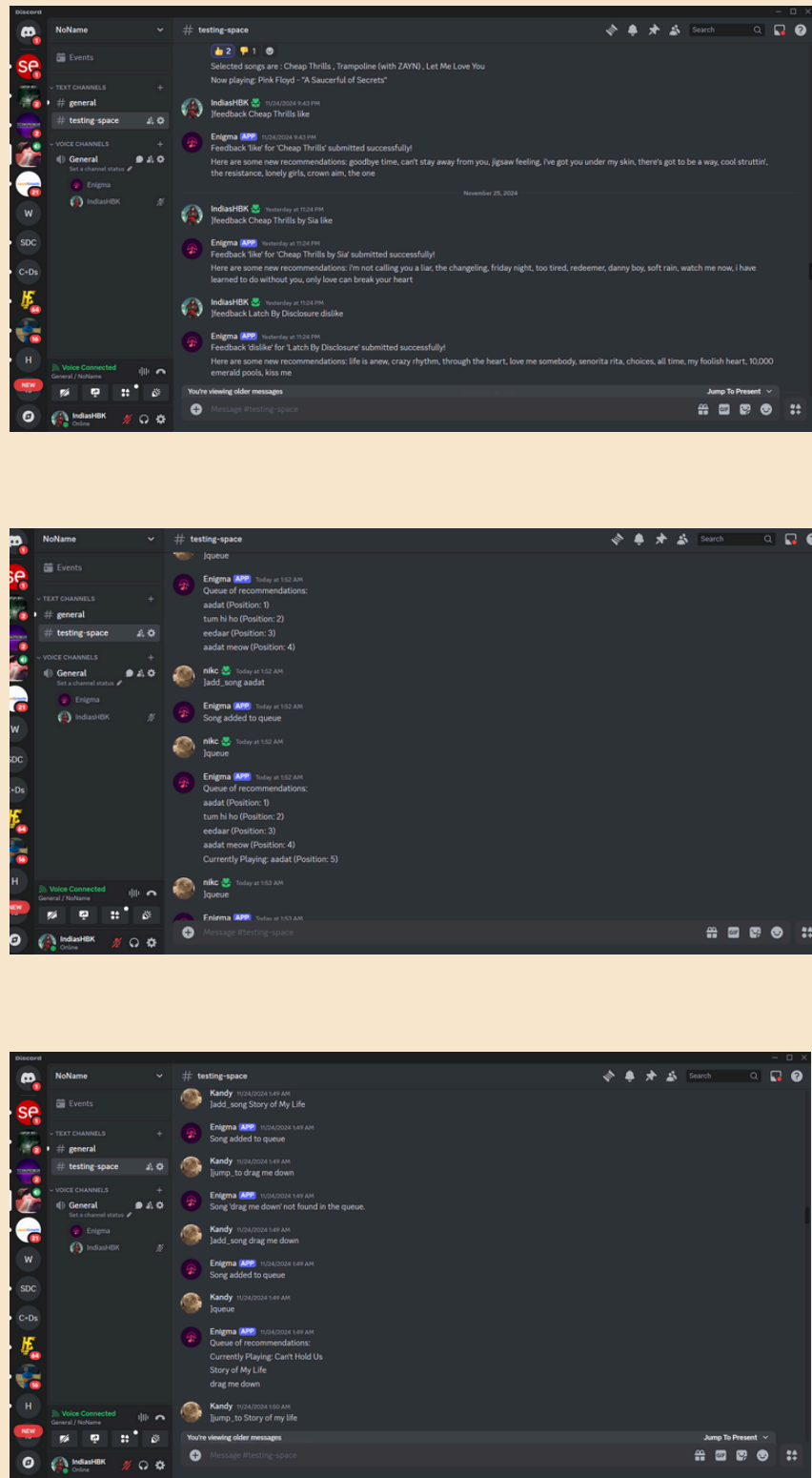
TECHNOLOGY STACK

TESTING

Our testing framework prioritizes quality with 40+ definitive test cases and robust methodologies, thoroughly validating song search, playback, and command resolution. Additional tests ensure comprehensive bot functionality.

SCREENSHOTS

FUTURE SCOPE

- Music Visualization for beat and rhythm
- Voice Command Support
- Adaptive Volume Control
- Multi-Platform Integration - Android, iOS
- User profiles for personalized settings
- Content-based recommender system for tailored song suggestions

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