

AI Podcast Generator

The **AI Podcast Generator** is a web application that allows users to generate podcasts from uploaded PDF files or by providing a topic input. The generated content is processed using AI models for summarization, discussion generation, and text-to-speech conversion. Users can enhance their podcasts by integrating background music and (in-progress) voice cloning features.

Features

Podcast Generation

- **PDF Upload:** Generate podcasts from uploaded PDF files by extracting and summarizing the content.
- **Topic Input:** Manually enter a topic, and the system will generate AI-driven podcast content.

Background Music Integration

- **Genre Selection:** Choose from various background music genres like **Jazz**, **Ambient**, and **Lo-Fi**.
- **Automatic Mixing:** The system overlays the selected music onto the podcast while balancing volume levels.

Voice Cloning

- **Custom Voice Generation:** Upload a voice sample to clone your voice and generate personalized podcasts.
- **Default AI Voices:** If no voice sample is provided, the podcast will use predefined AI voices (**Rahul** and **Emy**).