

PDF TO MP3 APP



COURSE : SPIC 03- MINI PROJECT

CREDIT: 3

COURSE DURATION: 90 HOURS

GUIDED BY: DR.JOHN JUSTIN THANGARAJ .S

DESIGNATION: PROFESSOR

AGATHIYAN V(192221126)

VISHNU SUDERSON M(192221048)

HARI PRASAD S (192221111)

DEPT - IT

PROJECT OVERVIEW



Problem

Many people with visual impairments or learning disabilities struggle with PDFs due to complex features like images, tables, and varied fonts. Traditional text-to-speech software may not interpret these elements correctly. Manually converting PDFs to audio is time-consuming and requires specialized software.



Solution

Create an application that allows users to easily convert PDFs into high-quality MP3 files, making the information accessible to a wider audience.

PROJECT OVERVIEW



Team Role

- **Agathiyan** created figma designs and wireframing.
- **Hariprasad** is developing frontend of PDF TO MP3 app
- **Vishnu Suderson** is doing Backend of PDF to MP3 app. He is incorporating security, usability, and functionality.
- We are implementing new features, fix bugs, and ensure the app runs efficiently for users.



Team Responsibilities

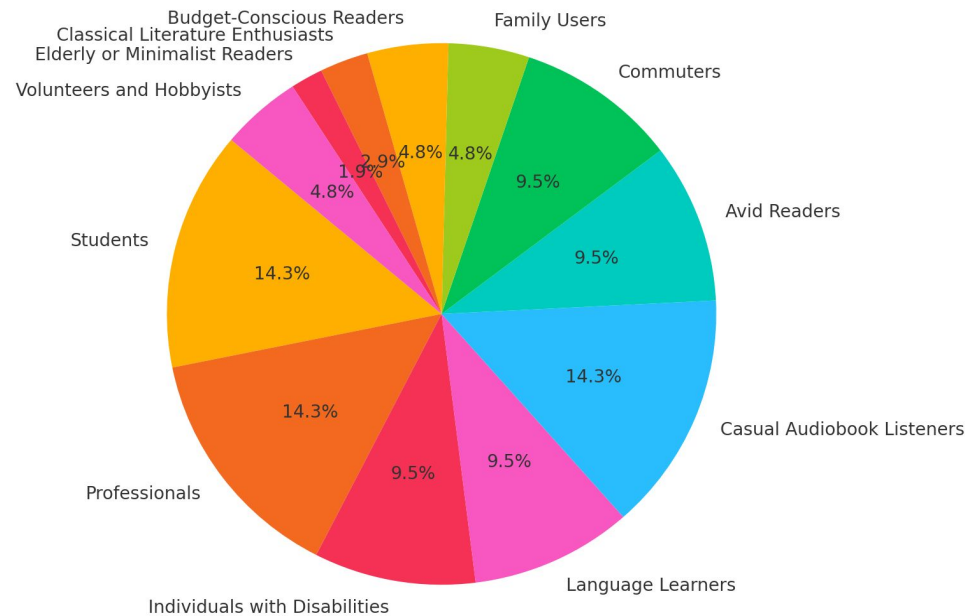
- We are responsible for Design, code, and maintain the app. Ensure the app's functionality and security
- We will also Test, debug, and optimize the app. Collaborate with the team to meet project goals

Competitive Analysis

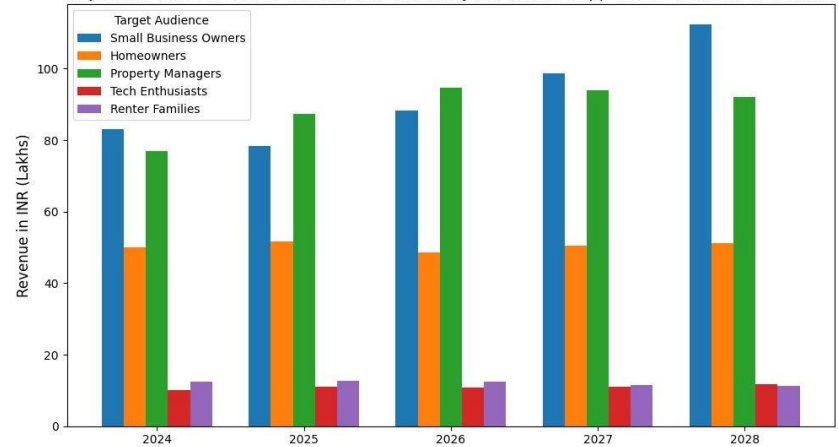
Feature/Aspect	Our PDF-to-MP3 Project	Speechify (Direct)	Audible (Direct)	LibriVox (Indirect)
Core Offering	Seamless PDF-to-MP3 conversion tailored for users who want to listen to their documents	AI-powered text-to-speech conversion, general text support	Audiobook subscription with curated audiobook content	Free volunteer-driven audiobooks from public domain
Target Audience	Professionals, students, and readers who need audio versions of their PDFs	Students, professionals, and individuals with dyslexia	Audiobook listeners globally	Readers of public domain books
Pricing	Competitive pricing, potentially with a free basic version and premium advanced features	₹999/month	₹199/month	Free
Unique Value Proposition	Highly accurate PDF parsing; voice customization; optimized for documents with complex layouts	High-quality, customizable audio output with adjustable voices and accents	Access to an extensive library of exclusive audiobooks	Free access to public domain content
Document Compatibility	Designed specifically to handle PDFs, including tables, headers, and complex formatting	Supports general text formats but not optimized for PDFs	No support for PDFs or document conversion	No support for PDFs
App or Mobile Experience	User-friendly mobile app with PDF upload, MP3 download, and offline access	Fully functional app with text syncing and speed controls	Feature-rich app for audiobooks	Basic functionality with minimal playback options

Business Potential

Target Audience Distribution for Book-to-Audio Services



Projected Market Revenue Growth with Variability for QR Lock App Over 5 Years (in INR Lakhs)



Market revenue

Target Audience

GAP ANALYSIS

Technology: Expand features to include summarization and AI-generated natural voices.

Security: Add encrypted file handling and two-factor authentication.

User Experience: Offer customizable voices, accents, and playback speeds.

Market Reach: Target educators, Visually impaired persons, researchers, and accessibility communities.

Pricing: Provide flexible plans, including pay-per-use and student discounts.

Compatibility: Integrate with cloud storage and multiple file formats.

Brand Identity: Partner with accessibility groups and showcase user success stories.

Customer Support: Provide 24/7 support with voice-based assistance and tutorials.

High-fidelity prototype

Figma

signin-lo...



Login pa...



Registra...



Forgot P...



OTP veri...



Email Sent



Change ...



Passwor...



Home



Menu



New files



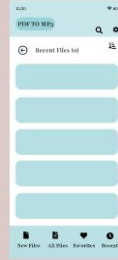
all files



favourites



recent



upload



convert



QR SCA...



loading

