

PDF TO MP3 APP



COURSE : SPIC 03- MINI PROJECT

CREDIT: 3

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DESIGNATION:PROFESSOR

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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

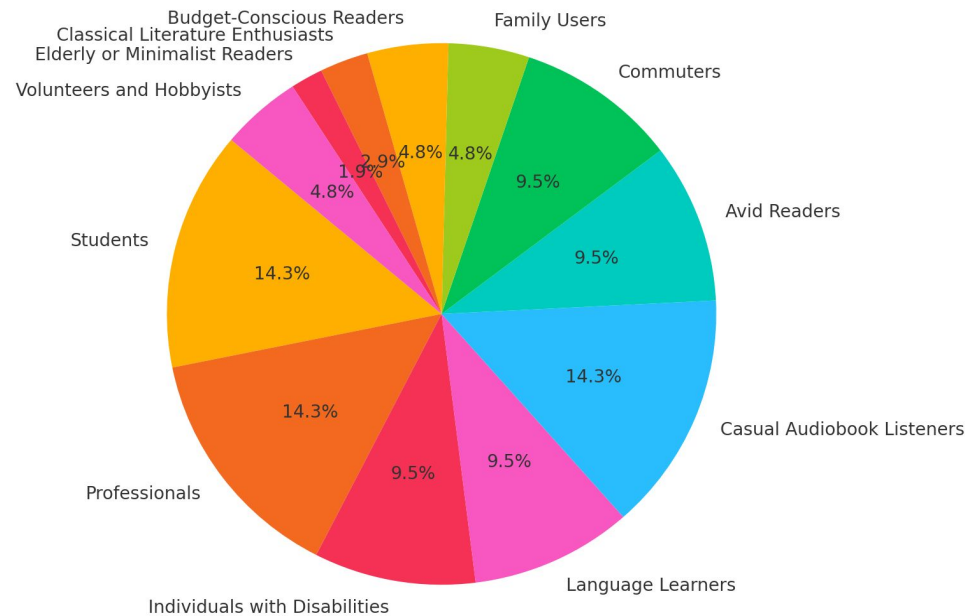
Competitive Analysis

Competitor Type	Location(s)	Product Offering	Price (₹ - ₹₹₹)	Website (URL)	Business Size	Target Audience	Unique Value Proposition
Speechify (Direct)	US	AI-powered text-to-speech converter	₹₹₹	www.speechify.com	Medium	Students, professionals, and readers with dyslexia	High-quality, customizable audio output
Audible (Direct)	Global	Audiobook subscription service	₹₹₹	www.audible.com	Large	Audiobook listeners globally	Extensive audiobook library; exclusive titles
LibriVox (Indirect)	Global	Free public domain audiobooks	Free	www.librivox.org	Small	Readers of public domain books	Free and volunteer-driven audiobook recordings

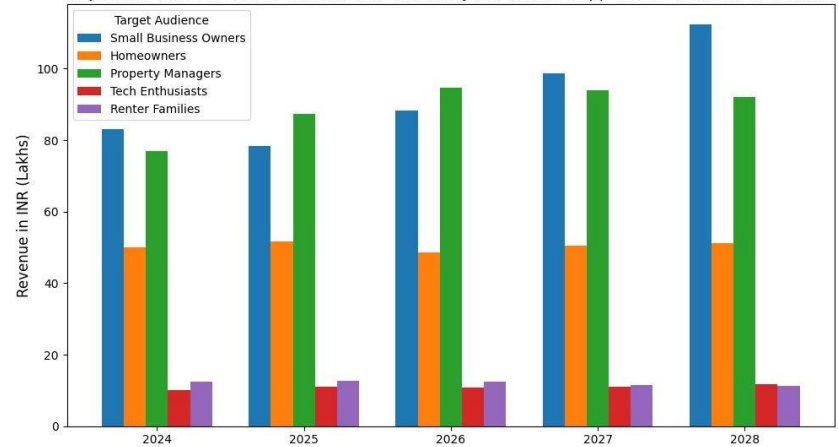
Desktop Website Experiencea	App or Mobile Website Experience	Features	Accessibility	User Flow	Navigation	Tone
Easy to use; intuitive UI; some features hidden under premium subscription tiers	Fully functional; seamless syncing across devices; minor bugs reported in recent versions	Speechify	Customizable speed, voices, and accents	Fully accessible; supports multiple languages	Clear steps; auto-detects text	Modern and tech-focused
Well-designed, dense library; overwhelming for new users	Intuitive app; feature-rich; allows offline listening; frequent updates to address bugs	Audible	Exclusive content and audiobook collections	Highly accessible; available in multiple languages	Guided flow; recommendations based on preferences	Premium and exclusive
Minimalist, straightforward; lacks advanced features	Basic functionality; not as visually appealing; limited playback customization	LibriVox	Volunteer-narrated audiobooks	Limited accessibility; supports fewer languages	Simplistic; requires manual navigation	Grassroots, volunteer-driven

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

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Login pa...



Registra...



Forgot P...



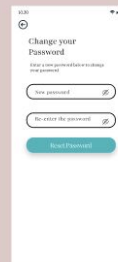
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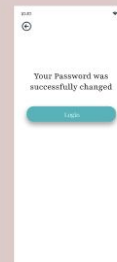
Email Sent



Change ...



Password...



Home



Menu



New files



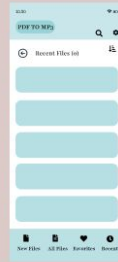
all files



favourites



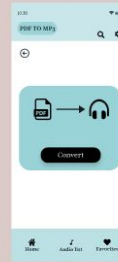
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upload



convert



QR SCA...



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