

PROJECT PLAN DOCUMENT

Project number	23
Project Title	<i>eBook Reader</i>
Document	<i>Project Plan</i>
Creation date	<i>4th February, 2021</i>
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Client	<i>Khoushik Ananth, Nimisha Srivastava, Yeshwanth Maringanti – Product Labs</i>

Brief problem statement

The eBook reader is a general eBook reader with added functionalities designed to assist people who struggle with English or with reading in general. It serves to translate a given book into one of many languages and read the book aloud to assist the user. The reader also aims to be blind-friendly and have voice commands for the main features of the application.

Team Members

- Abhijeeth Singam – Role undecided
- Ainesh Sannidhi – Role undecided
- Aryan Jain – Role undecided
- Palash Sharma – Role undecided

Team Communication

Team communication takes place over WhatsApp and Microsoft Teams and the team uses Microsoft Teams for meetings. Documents are sent over E-Mail as well as uploaded to the GitLab repository.

Meetings with clients happen every Wednesday at 3:00PM (IST) on Microsoft Teams.

Development Environment

- Collaboration tools: GitLab,
- Programming languages: MongoDB, Express.js, React.js, Node.js, GraphQL SDK
- APIs: IIIT's Machine Translation API, IITM's Text-to-Speech API, and Mashinga's Automatic Speech Recognition API.

Milestone Schedule

Milestone	Due Date	Release	Deliverable?
Create wireframe	07/02/2021	R1	Yes

Create Boilerplate	10/02/2021	R1	Yes
Complete the book reading (text) feature		R1	Yes
Complete the book translation (text) feature		R1	Yes
Complete the book reading (audio) feature		R2	Yes
Complete the book translation (audio) feature		R2	Yes
Set up the Library (Home) page		R2	Yes
Voice Commands		R2	Yes