PROJECT PLAN DOCUMENT

Project number	16
Project Title	Indian Language Sentence Completion
Document	DASS Project Plan
Creation date	30 January 2024
Version 2 Update Date	10 March 2024
Created By	Priet Ukani (2022111039)
Client	Perceptive Analytics Pvt. Ltd.
Mentor	Chaitanya Sagar

Brief Problem Statement

- The objective of the project is to ensure ease of typing for users in languages other than English.

- We aim to make the prepared machine learning model into a cutting-edge input mechanism for an efficient Telugu typing experience through a Chrome extension to provide the much-needed sentence autocomplete functionality.

- The project also aims to maximize efficiency and accuracy while typing in different languages. This will enable users to type in their own language with ease.

Team Members

1. Priet Ukani (2022111039)

2. Garvit Gupta (2022101113)

3. Siddharth Agarwal (2022101062)

4. Shreyansh (2022111002)

Everyone works on majorly all aspects of project together dividing the work in small components. Two people work together on same task.

Team Communication

The team plans to communicate thrice every week to update each other. Discussing about the tasks on whatsapp and also meeting during client meets every week. Other coordination takes place through github.

Development Environment

We plan to use the following tools in the course of development of our project :

- Figma (for Design)

- AWS (for deploying ML model on cloud)

- LaTeX, Notion (for documentation)

- GitHub/Git (for collaborating)

- Python and Flask (for API calls and backend)

- HTML, CSS (for frontend)

- Javscript (for frontend request and other backend functions)

Milestone Schedule

Milestone	Due Date	Release	Deliverable?
Draft a temporary document of requirements	3/2/24	R1	No
Final Requirements	7/2/24	R1	Yes
Making the high level design on Figma	15/2/24	R1	Yes
Distributing the work	18/2/24	R1	No
Deciding on tools to use based on design	5/3/24	R1	Yes
Building a primitive version of the app	15/3/24	R1	Yes
Testing the primitive app for bugs or faults	18/3/24	R1	No
Building the final version of the app	25/3/24	R2	Yes

Reiterating and Final touches	5/4/24	R2	Yes
Final extensive testing and fixing	15/4/24	R2	No
Deployment and Final release of the app	20/4/24	R2	Yes