MISSION STATEMENT

SIDDHARTH AGARWAL

What is the objective?

- ❖ The objective of the project is to ensure ease of typing for users in languages other than English.
- ❖ Currently, the ml model supports Telugu and since the language is not supported in traditional keyboards, it is a tedious process to type Telugu script.
- ❖ The project thus, provides the much-needed sentence autocomplete functionality so typing in telugu is easier and much less time-consuming.

What are we going to work on?
- ❖ We will be working on building the front and back end of the Chrome extension to give users a smooth and rewarding experience.
- ❖ Once text in Telugu script is detected, using the ML-based NLP model in backend, the extension would provide the user with multiple options to complete the sentence.

PRIET UKANI

What to do:

- ❖ 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.
- ❖ As our machine learning model is primed and ready, and now we are dedicated to the creation of a seamless Chrome extension that can be used anywhere while typing in Telugu.
- ❖ Our crucial role is to make the model accessible on edge devices and ensure its compatibility on different devices.

Objective:

- ❖ Enable users to type in with maximum accuracy with lesser effort, streamlining the typing process for enhanced communication in Telugu language.
- ❖ Developing an easy-to-use interface that automates language recognition and provides contextually relevant word and sentence suggestions, eventually preventing potential errors in the written text.
- ❖ Making the tool generic and open to expansion to support other languages.
- ❖ Making a free tool that is usable by everyone and aid people's everyday activity of typing in Telugu in some way.

SHREYANSH

Objective:

- ❖ Our project aims to maximise efficiency and accuracy while typing in different languages. This will enable users to type in their own language scripts with efficiency & accuracy. The abstract idea of the project is to predict the intended sentence by the user priorily, before they complete their sentence and if users find their choice in the options provided to them, then they will choose it and will move further ahead.
- ❖ Right now our project deals with Telugu language only, but in the future, this project will be scaled for multiple languages and it will provide the benefit of typing your own language correctly to all the users of different language-spoken regions.

What to do:

The backbone of the project is a ML based NLP model, which takes the incomplete sentence of the user as input and gives out predictions for the intended sentence of the user as output. Though the NLP backend (model) has already been developed and we have to deploy the model as a Chrome extension. So that users would be able to exploit the service and they would be able to type their own languages efficiently and accurately.

GARVIT GUPTA

What to do:
- ❖ To develop Telugu language input mechanism for word and phrase suggestion and typing by using the NLP model developed by Perceptive Analytics. The NLP model takes user input(i.e sentence typed by user) and provides suggested words and phrases that are most relevant.
- ❖ The above software is to be deployed using chrome extension. To detect language typed by the user and learn the user's typing pattern to provide more relevant word or phrase suggestions.

Objective:

Facilitating easier and faster typing in native languages, our aim is to broaden accessibility to online services which mainly involves typing such as messaging, blogging, and article writing. This ensures a more inclusive and user-friendly experience, catering to a diverse range of individuals seeking to express themselves in their preferred languages.