Shram Sadhana Bombay Trust's College of Engineering and Technology, Bambhori.

Project ID : 18

Project Guide - Pravin Patil Sir

PS Title : Speech to text conversion for local ethnic language.

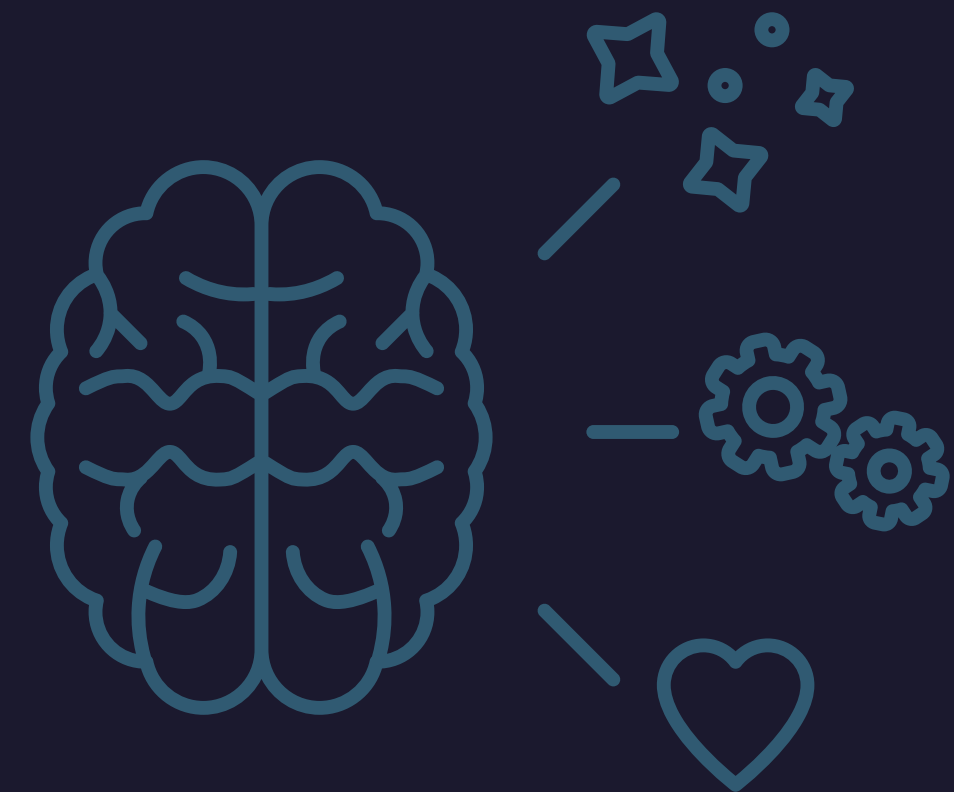# Team Members

Team Leader – Pooja Shirude

Mohit Chaudhari

Gaurav Baviskar

Mahesh Kanhere

Introduction

- Foreign languages are strengthening their roots in India. while culture rich very own local Indian languages are getting deprived in their own land.

- The only chance for any language to survive till last, is to have its digital presence.

- Unfortunately their is No Speech to Text or text to speech web/app for our Ahirani language

- To make roots of ahirani more strong we came up with the Speech to text translator along with it's literature portal
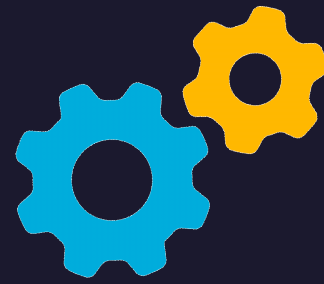
Problem Statement

- Speech to text conversion for local ethnic language.

- The Local language we chosen for this project is our very own **Ahirani** (अहिराणी)

Approach

Reading Audio File → Data Pre-processing → Training & optimization of model → Output : Text data

Tech Stack

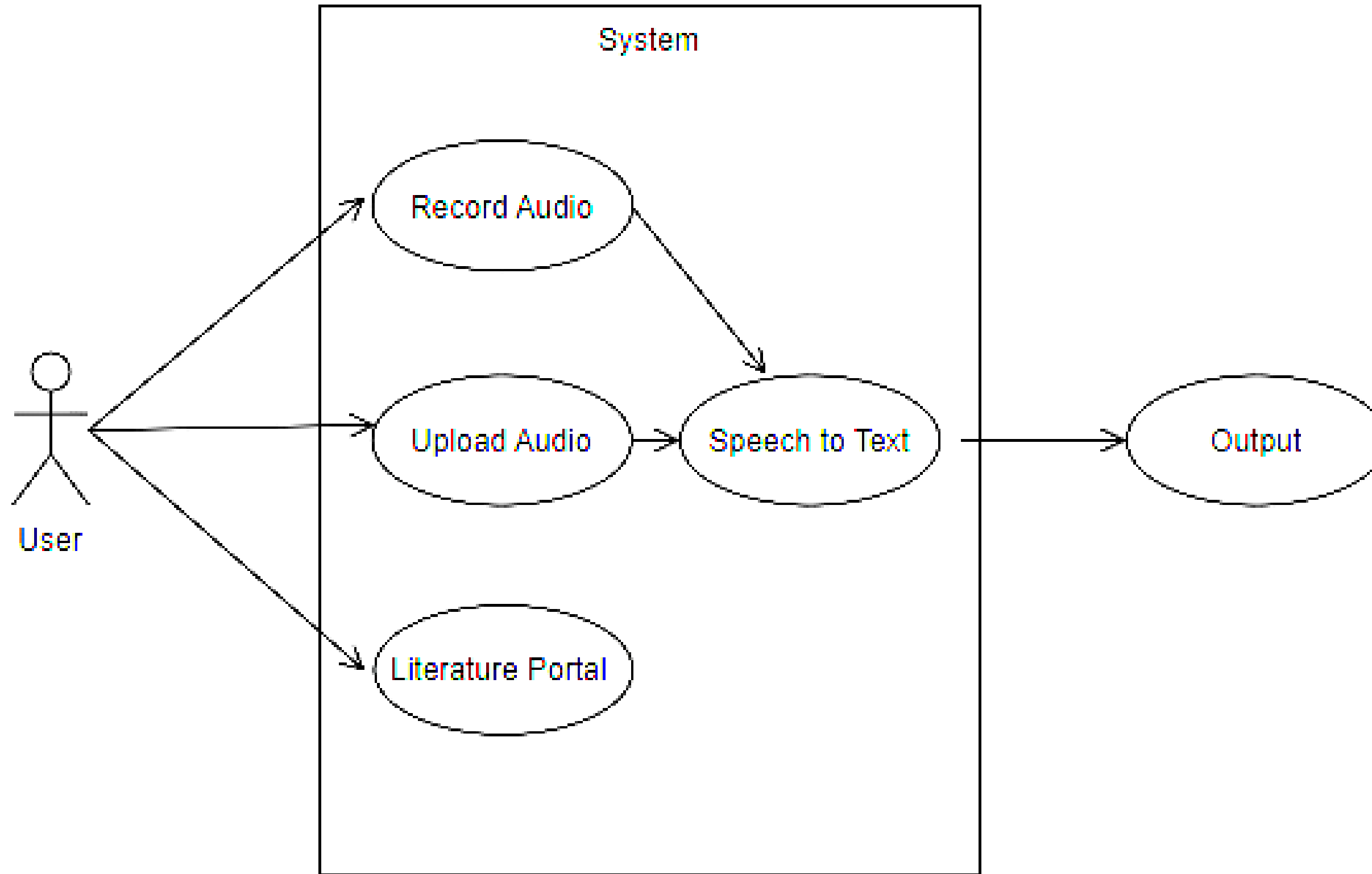**Libraries**: Librosa, Spacy, NLTK, pytorch, etc.

Frontend: HTML, CSS, JS, Bootstrap

Backend: Python

Server: Flask (LocalHost)

Use Case

Thank You