



Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation:

National Technical Research Organisation,(NTRO)

PS Code: SIH1456

Problem Statement Title : Speech to text transcription for Indian languages.

Team Name: JB_ACHIEVERS

Team Leader Name: Vemuganti Saketh

Institute Code (AISHE): C-19615

Institute Name: JB INSTITUTE OF ENGINEERING AND TECHNOLOGY

Theme Name: Speech to text Recognition

ABSTRACT

This web page incorporates modern web development practices, including Bootstrap for responsive styling and JavaScript for interactivity. The page features a user-friendly interface with elements such as a title, icons for speech and a microphone, a language selection dropdown, and a text area for displaying speech-to-text results. Users can initiate speech recognition by clicking a "Start" button, and the recognized text is presented in real-time. The web application leverages external resources like Bootstrap and jQuery to enhance the user experience. The code's functionality, including speech recognition and interaction, is managed through a separate JavaScript file. This HTML code provides a foundation for creating an engaging and interactive speech-to-text web application.



INTRODUCTION

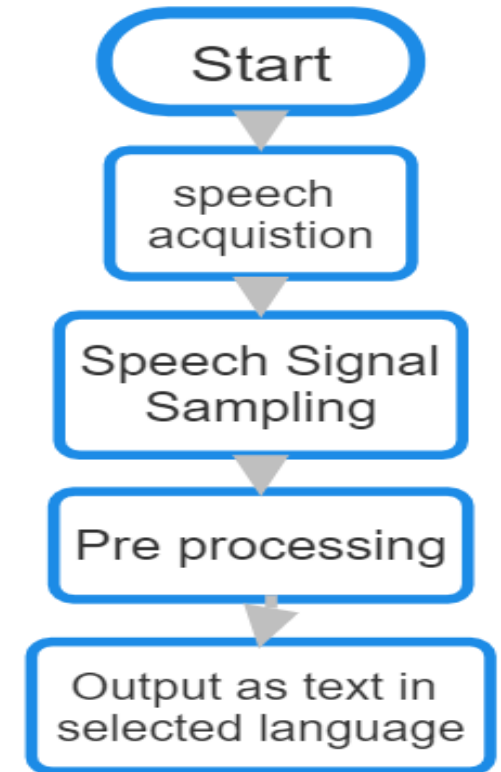
Welcome to our presentation on the Interactive Speech-to-Text Web Application. Today, we will take you on a journey through this innovative web tool, showcasing its features, benefits, and potential applications.

This web application, designed for ease of use and versatility, allows users to convert spoken language into text in real-time. We'll explore its user interface, which includes language selection and interactive controls, and discuss its significance in accessibility, transcription services, and beyond.



Idea/Approach Details

- The main objective of this code is to create a user interface for speech-to-text conversion. Users can interact with the webpage by speaking into their device's microphone, and the spoken text will be recognized and displayed in a text area.



Idea/Approach Details

Use cases

- **Speech-to-Text Application**
- **Language Selection**
- **Educational Resources**
- **Transcription Service**
- **Accessibility**
- **Voice Commands**
- **Language Learning**
- **Feedback Forms**
- **Creative Writing Tools**
- **Voice Search**

Dependencies / Show stopper

- **External CSS Library**
- **External JavaScript Library**
- **Image Files**
- **Script.js**
- **Content**
- **Browser Compatibility**
- **Hosting Environment**
- **Security**

Team Member Details

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Branch : Btech

Stream : CSE

Year : III

Team Member 1 Name: Sanganabhatla Sathwika

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Team Member 4 Name: K Revanth

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Year : II

Team Member 5 Name: B Himaanjali

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Interactive Speech-to-Text Web Application



Start

Press the Start button

English



vector illustration

Interactive Speech-to-Text Web Application



Start

Voice Recognition is on

English



vector illustration

good morning everyone this is a presentation on speech to text transcription for Indian languages

THANK YOU

