

Project Concept Document

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Created By	<i>Team 24</i> Members: <ul style="list-style-type: none">• Ayush Agrawal• Janapati Sai Akash• Polavarapu Neeraj• Rahul Mallavarpu
Client	<i>Khoushik Ananth, Debnath Kiran, Arjun Rajasekhar, Chiranjeevi Yarra(RCTS Lab, IIT-H)</i>

Description

The objective of the project is to develop an app that will assist the teacher in conducting English Classes and help to improve the level of students. The app will be designed to suit a real classroom workflow. The app can assist the teacher in evaluating students and design worksheets based on the caliber of the student. It can also help in monitoring the student's progress and enable them to improve their fluency, pronunciation, through various exercises. This Automates some tasks that are previously done by Teacher.

Profile of Users

The App has the prime outcome of helping the teacher in assisting various tasks he/she has to do in a classroom environment. The teacher is computer literate and can operate the app with minimum training.

Feature highlights

This features are just an overview of what was discussed in the meet. We may add/remove features as we progress

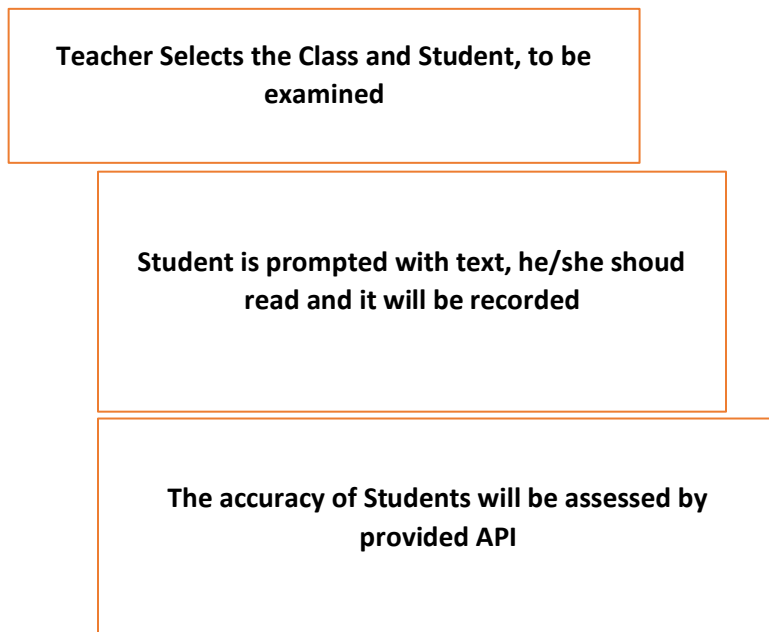
- The app will interact with an API that gives feedback on the sentence spoken by the student with regards to pronunciation, intonation, pauses etc. and displays the same to the teacher.
- Interfaces for Student view, Class view and Teacher's view.

- The teacher can set up the lesson plan in teacher's view.
- The teacher can monitor a student individually in student view.
- The teacher can monitor the class performance in class view.
- The app will give a sentence to a student and the level of the sentence should match the existing level of the student.
- The system Automatically grades the student's performance and promotes/demotes based on the results.
- The teacher can downgrade a student upgraded by the app and mention a comment explaining why he/she thought to do so.
- Generate Reports on individual student performance and Class performance and compare any two student's performances.
- The app will help to track and visualize the class performance throughout the year.
- Generates specific course content for individual students based on their initial skill from a predefined module.

Usage Model and Diagrams (if any):

Teacher's Perspective:

The Chart starts here and flows vertically down.



The app will give feedback as per the API assessment to the teacher and the teacher will then help the student to rectify his/her mistakes.

Repeat the same process for same student or any other student