

Project Synopsis/Project Concept Document

Project number	<i>32</i>
Team No.	<i>24</i>
Project Title	<i>Teaching assistance tools for English Language learning</i>
Document	DASS Project Concept Document
Creation date	<i>21/01/2022</i>
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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 should 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, and writing skills through various exercises. These will be used to experience in class teaching even in online mode.

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.

This also involves students who want to learn English and have access to the internet and smartphone and can handle tasks involved in using the application effectively.

Feature highlights

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

- Various tools like dictionary, thesaurus, pictures etc. To help the teacher in conducting the class.
- Speech Recognition which will point out mistakes in pronunciation of students. Computer generated voice which reads the sentences correctly so that students can follow along.
- Generate Reports on individual student performance and Class performance, and compare any two student's performances.
- Generates specific course content for individual students based on their initial skill from a predefined module.

Usage Model and Diagrams (if any)

Student logins in and then takes a Oral test, which will be recorded and analised by the app and prefers him certain english content

Student listens to class provided by the app with a specific content

Student takes test and gets the report

Student logs out