Online Training Platform

Background:

Help us Grow, Foundation, Inc. (H.U.G) reading program is a national level educational service that grails in developing the reading ability of students in 2nd and 3rd grade to improve the national average reading proficiency rate.

Solutions:

We developed a web and mobile application as an aid tool for tutors that help students improve their language learning skills.

The web application is used by the administrators of the program. They can easily manage students and tutors of this program along with their schools that are from different districts. Each student gets assigned with a respective number of tutors and if a student could not attend a lesson, their absence can be marked and later the tutor will proceed with tutoring that particular lesson. The students can be advanced as well as reverted back through their grades and once they complete the third grade, they are graduated in HUG program. They can even continue with the program as a graduate. The administrators have an option to add or edit tutor details through the program. Reports can be generated based on districts, schools, tutors, and students based on different years of the program. The students can be added into the program as a single entity or can be collectively imported into the program through mass import functionality.

The mobile application is mainly used by tutors. It has features of listing the assigned students of the particular tutor as well as updating their progress based on different lessons as on each grade and they can mark their absence through the application. The mobile application also lists the schools, districts, and other tutors in the program.

Problem Statement:

H.U.G being a training platform that provides volunteers for individual tutoring, helps young readers transition into proficient readers. The program identifies schools in different localities and selects students who are financially and socially backward thereafter concentrates on polishing their reading, vocabulary, and comprehension skills. The Client wants to enhance their teaching techniques by using Web and Mobile applications. They are keen to explore the present technologies which will aid the tutors and teachers of the schools with their lessons as well as for monitoring students from each school. The Web application is meant for the administrators of HUG in each school to manage the tutors and students who are enrolled in the program and the mobile application is meant for the tutors to guide the students to achieve their potential.

Benefits

- Effective tutoring for students that helps in improving reading ability.
- Easily accessible and maintainable for administrators and tutors.
- Reports generated help in a detailed analysis by providing a good understanding of the HUG program, their tutors, and the schools that have participated.

Tech Stacks and third-party tools