**Project Proposal**

Team Members-:

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**Project Scope-:**

We have decided to build a Quiz application for the programmers students and professionals to practice and keep their knowledge updated. The quiz app is a very interactive application to allow users to select their main languages and take quiz to test their knowledge in their selected language. Our main challenge in this application is to make users share their opinion of quiz they took, in form of rating a quiz. Another challenge is to display the user score and progress in the profile page in form of pie chart or calculated percentage value. We are also considering to create a hint tab in the quiz for the users if they feel stuck during quiz. We are deciding to make our app supports at least three languages in our initial launch.

1. **Wireframe -:**

Diagram

Description automatically generated

Diagram

Description automatically generated with low confidence

A picture containing chart

Description automatically generated

Graphical user interface, application

Description automatically generated

**2. Data that is persisted locally-:**

The player progress and total score at each quiz will be persisted locally.

**3. APIs-:**

We will be using google firebase database to store the users response to the quiz and we will be using Materialize and Material design lite.

**User stories-:**

1.As a users, I want to login in to the app with my email ID, so my progress is always backed up.

2.As a software student, I want app to provide quiz on the multiple languages, so I can practice all of my languages.

3 As a user, I want app to allow me rate a quiz and add my opinion, so I can know other people opinion.

4.As a user, I want app to allow me see the hints whenever I am stuck during quiz.

5.As a user, I want to download the quiz for future studies.

6.As a user, I want to app to record my progress on each of my languages, I am taking quiz.

7.As a user, I want contact details of the developer in case of reporting on content of the app.