

Requirements

Below are the requirements which have been gathered for this project. These requirements outline functionality and features of the system being developed, as determined after discussions with the client.

Functional

Integrated app and database

- The app and database must seamlessly interact with one another to allow smooth functionality

The ability to mark attendance

- The app must have the ability to allow teachers to record attendance for weekly meetings or weekend intensives

The ability to add students and their details to the database

- The app must provide the functionality for teachers to add students, and the students' details to the database

The ability to record student progress on tasks

- The app must have the ability to be able to record when a student completes a part, topic, or test.

The ability to search for students, their details and achievements

- The app must provide teachers with the ability to search the database for individual students based on their details such as name, age, DOB, or group attended. This search must allow teachers to view their work progress and attendance records.

Adding tasks for completion

- The app must provide teachers the ability to add or modify tasks

Non-Functional

Mobile app for teachers

- This design must be a seamless and efficient design for teachers to utilise

Security of system is vital

- Sensitive details will be stored in the database – it is important all reasonable steps are taken to prevent data leakage

System should not be convoluted

- The app must be as simple as possible in order to minimise training required for teachers