**Design Document**

**Mobile Application Development**

**California State University, Long Beach**

**Project: Quiz Application(QUIZZER)**

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**Project Description:** Quizzer is mobile based application that provides new technique of taking a Quiz using mobile phones. This application is especially developed for online courses. The system has an admin login that has overall control over Question and Answer in the Server. Admin feed the Question and Answer in to the system. Questions are categorized based on the admin-defined topics. A student selects an assigned topic from a list. System allows student take a multiple choices quiz in a predefined time limit. In the end of each quiz user gets the score and the correct answer sheet.

**Functional Description:** It starts with a splash screen and then login window and lets both user and login and also has a sign-up page for new user registration which requires Username, password and email address. User and admin will have a separate interface to work on, where Admin defines the subject, number of questions, duration and select the users whom admin wanted to assign the quiz from the signed In users. Admins enters questions and answers and assigns the quiz to the users. User gets the quiz which admin assigned to him/her with admin defined timer and score is displayed at the end of the quiz, this score is sent to admin to generate the report for the subject.

**Tools**:

SQLite, Android Studio

**Items Deliverable:**

* Splash Screen
* User Registration
* Login

**User Part** **Admin Part**

* User Dashboard Admin Dashboard
* Subject List Setup Quiz
* Quiz Activity View Reports
* Result and Answers
* Manage Profile
* About
* Help

**Database Design:**

* User Details Table
* Questions and Answers Table
* Assigned test with user Table
* Reports Table
* Topics List Table

**Sketches:**

**A close up of a map

Description automatically generatedA close up of a map

Description automatically generatedA picture containing text, map

Description automatically generated**

**A close up of text on a white background

Description automatically generatedA screenshot of text

Description automatically generatedA screenshot of a computer screen

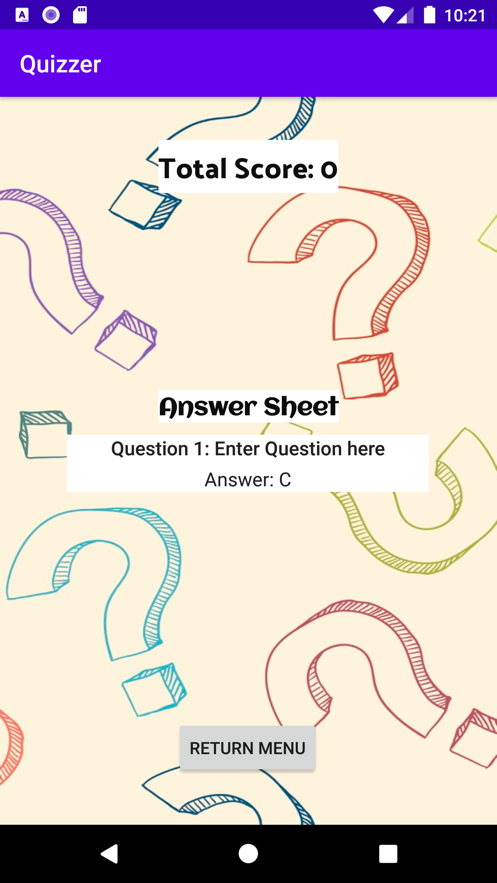
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**A screenshot of a cell phone

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**A screenshot of a cell phone screen with text

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