

# QUIZ APP

## Overview

Following the implementation of the Competency based Curriculum(CBC) within Kenyan schools which is learner-centered and adaptive to the changing needs of students, teachers and society. Measuring the performance of students can be achieved faster and more effectively through a digitized system.

My proposed system serves to allow educators to post questions in the application. Once the educator posts his/her questions they can be then accessed by students with registered accounts to the forum. There they can answer the posted questions. Results are then produced as soon as one is done taking the test.

The application would offer convenience for both examiners and students - The test administrators' workload is reduced because they are not required to mark examinations or tally the results, and students do not need to travel from location to location to take exams and check their results.

## Scope

- Admin Panel - The system operates under the management of the administrator. He or she can control users, students, and multiple-choice quizzes.
- Students' Registration - Students using the system must first register for an account on the website. PHP, html, and php are used to code the registration form and to validate it. The user will have to submit an email address, which will serve as their primary method

of identification on the website. The user will also be required to select a password that will allow him or her to access the website.

- Login - Users will need to provide both their user names and passwords in order to log in. The user will be authenticated to the main site, from where he can view various things depending on the sort of user he is, if the usernames match the right password that the user has provided.

## **Deliverables**

- Student Panel
- Student Panel
- Taking the test
- See overall score
- View list of responses
- Manage Enrolled students

## **Affected Parties**

- Educators
- Students

## Exclusion from Scope

- Types of questions
- Mechanisms to prevent cheating while taking the quiz
- Offline availability
- Grading of typed answers

## Implementation Plan

The first step in implementation of the project would be creating designs of the proposed project through the aid of design and visualization tools such as figma. Once the designs have been approved then the next phase, coding can begin.

Coding the project will involve a code editor. I shall use Visual Studio Code for this purpose and for testing i shall use chrome browser. The coding will take place in Html, CSS and JavaScript for the frontend. The backend shall be implemented using php.

## Project Timeline/Schedule

TASK NO.	DATE	ACTIVITY	COMMENTS
1	12/09/22-19/09/2022	Proposal	
2	19/09/22-27/09/2022	Designing	
3	27/09/22-15/10/2022	wireframing/ prototyping	
4	15/10/22-7/11/2022	Coding	
5	7/11/22-20/11/2022	Implementation	

## Approval and Authority to proceed

Approved By.....

Signature.....