Quiz master

This document will be about a multiple-choice questionnaires system. It will allow users to view, answer, edit, delete questionnaires.

# Design

## Requirements

Initial requirements

* can add multiple choices per questionnaire
* can add multiple questions per questionnaire
* can take the questionnaire test
* levels of access
  + 1 – answer questionnaires
  + 2 – level 1 permissions + view answers of questionnaires
  + 3 – level 2 permissions + CRUD of questionnaires
* The ability to login to access the site

Implied requirements

* Levels of access
  + 4 – level 3 permissions + ability to manage users (CRUD)
  + 3 – also can assign users to questionnaires
  + 2 – also can view users score history
  + 1 – also can view own score history
* Users’ passwords to be encrypted
* Have welcome page
* Have subjects for questionnaires (for example maths)
* Have draft and published questionnaires
* Have a consistent theme
* Work with PCs, tablets, and phones

## User interface

I made wireframe designs to visualise how the site will look

Home page

Graphical user interface, website

Description automatically generated with medium confidence

A user can go to the login page and read about the site on this page. This will be the first page a user sees

Login screenA picture containing background pattern

Description automatically generated

Users can login and register from this page. If they wished to register they will have the lowest permissions by default. If they require a more access they should contact the admin

Questionnaire, Results, Users

Graphical user interface, chart

Description automatically generated

This is the template of how each page will look. The footer will contain a trademark and the logo.

Questionnaires

Chart

Description automatically generated

This is where users can see all the questionnaires. Depending on the access level users will be able to edit, assign or start questionnaires

Edit questionnaire modal

Graphical user interface, application, website

Description automatically generated

This modal will popup when the edit button from the questionnaire screen is pressed. Here you will be able to change the title, change the status and categories of the questionnaire. Once the user is finished editing the questionnaire, they can save their changes. If a user wants to change the questions, they can press the “modify questions” button

Edit questionnaire questions

Graphical user interface

Description automatically generated

Here users can do all the actions they could do on the edit questionnaire screen and modify questions. They can change the answers to a question, add and remove options, remove questions and delete the questionnaire.

Assigning users to questionnaire

Graphical user interface

Description automatically generated

Here users can search for students to assign.

Answering questions

Graphical user interface

Description automatically generated