IT629 Web Programming
Group 5

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Scope

Digitalization has brought this need to shift work online. Online quizzes provide instructors with a flexible distribution channel, wherein no matter where you are or your users are, the test can be conducted anywhere,anytime. It makes it easier to understand the grasping power of the user before any larger unit exam.

In this web application project our aim is to provide a platform wherein users can create and share quizzes and others can attempt those quiz.Users can also view the attempt they have made and what the correct answers where.

Users and Stakeholders

End Users: Any person with a valid email address can register and login with the system.

Stakeholders: Anyone who is looking to conduct a quiz online.

Flow of system

We have 2 entities: the one who creates the quiz (Creator) and the other who attempts the quiz(Attempter).

Both entities need to register first with valid email id. Users cannot register again with same email id.
After registration, at the time of login users are given 2 options either to create a quiz or to attempt a quiz and based on the option selected Create Quiz or Attempt Quiz flows will be enabled

In create quiz, Creator can add questions and multiple options to each question.Creator can check the options which are correct so that it can be used to evaluate marks when someone attempts the

quiz. After all the questions are added a unique code will be generated which the creator can share with others to attempt the quiz.

In View Quiz, the Creator will be able to see the past quizzes made, details include question text, options provided and correct options selected.

In Attempt Quiz, the attempter needs to enter the unique code of the quiz and questions get loaded only if he/she has not attempted that quiz before.On submitting the quiz, the response gets stored in a database and marks are calculated based on options selected.

In View Quiz of attempter, The user get the details of the quiz which he/she has attempted. Those details will include question text, options given by creator, options selected by attempter and the correct options.

Technologies

We have used:
- HTML
- CSS
- JS
- Express
- Node.js
- MongoDB