

Write-Up

In this project we create a online quiz portal which have two interface one is for admin with different functionalities and another one for a client.

Admin Interface-

- Firstly, admin will sign-in with their own credentials which we have stored in a admin table, if a login credentials is correct then it will pass a successfully login message.
- Secondly, a admin can also update a password for this functionality we had add a condition in a service method that if a new password is same then update a password otherwise gives a error.
- A admin can make a different- different quizzes using a quiz table and also a different question in more than one table by using a question table in this we use a questioned and quiz id as a foreign key according to the need of a method.
- Admin can also view a question according to a specific id or by passing the question-id.
- Admin can also see the leader board or ranking of a participants after they take the quiz.

Participant Interface

- Firstly, a participant will register by passing their info such as name, age, email, password.
- Secondly, a user will sign-in using their login credentials if it is correct then they will get a successful login message.
- Then a user will take a quiz for this we have create a different table named as user quiz in this a user have to pass their email and also select quiz id and question-id then according to the question pass the answer.

- User can also view their by passing their email-id. If a email-id is correct then they will get the score and the subject name of a quiz
- User can also view all the quizzes which are available for them.

Technologies-

Springboot

Restfull Web Services

Mysql

Springboot webstarter dependencis

Jpa

Maven Dependencies

Spring Security Dependency

Application.properties-

In this project we just need to configure the database so this file will contain the configuration code.