

Online Test Application Project Specification and Sprint

Version History:

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Modules:

1. Online quiz Applications (user)

- I. Load all quizzes
- II. Load quizzes by Category III.
View and start the quiz
- IV. Upon submit test show the Result

2. Application Administration (Admin)

- I. create, delete, update categories of quiz.
- II. Load all the categories, quizzes
- III. Add quiz depending upon categories
- IV. Add, delete, update questions of specific quiz

Java Technologies used

Java Classes
JPA & Hibernate
Data Access Objects
Data Structures
Modularity
Jsp & JQueryes
html ,CSS,JavaScript
Exception Handling
Spring-Boot
Angular 11
Typescript

Spring Planning

- Understanding the problem statement of the project.
- Creating the flow chart of the application.
- Creating Spring boot Project.

- Adding necessary dependencies.
- Creating necessary application. Properties file
- Creating Controller, DAO as well as Entity Packages and Classes needed.
- Writing the Spring security configurations for login of Administrator.
- Writing Spring JPA Repositories to connect with the database MySQL.
- Testing at each step for different user inputs.
- Initializing the git repository.
- Pushing the code to the GitHub
- Creating the Specification document for showing the Product's capabilities, appearance and the user interactions.

Project GITHUB Link:

Repository Name:	Course3-FlyAwayProj
Github Link:	https://github.com/amritpalsingh85419