Online Test Application
Project Specification and Sprint

Version History:

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Purpose:	Project Specification and Sprint
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Table of Content:

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 & JQueries
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/rushighale/online-test-app