Sprint Document

Sprint Duration: 15 hours

Sprint Goal:

To create an online quiz portal with multiple REST APIs where users can browse different quizzes, attempt them, and find their scores and standings.

Sprint Backlog:

1. **Step: Set up development environment.**
   Description: Install Spring Boot, MySQL/Oracle, Tomcat server, and necessary dependencies.
2. **Step: Create the database schema.**
   Description: Design the database schema for user profiles, admin profile, quizzes, questions, and answers with the help of **Java class and JPA.**
3. **Step: Design the API for admin to create and manage questions.**
   Description: Create the necessary endpoints and database operations.
4. **Step: Develop an API for admin to create quizzes.**
   Description: Create the API for associating questions with quizzes.
5. **Step: Develop an API for User to take quizzes.**
   Description: Create the API with the help of which User can interact with the Online Quiz Portal and take the quizzes.

Additional Notes:

For the betterment of our project we have to do more work and focus on

1. Continuous Integration and Continuous Deployment.
2. Error Handling and Logging.
3. Data Security and Spring Security.
4. User Feedback and Testing.
5. Version Control.
6. Team Collaboration
7. Task Dependencies.