Final Project for Web Application Development by JAVA (Groups)

Congratulations on reaching the final project of the course! Over the next 9 days, you will be working on your final project that will allow you to further apply your knowledge and skills to build another real-world application. This project will serve as a demonstration of your proficiency in building a Spring boot server.

Rules & Guidelines

- **Dependencies:** Each group should use all required dependencies: Spring web, Lombok, Validation, Spring Data JPA, MySQL Driver, Spring Security, Junit5.
- **Layers:** Each group should use all required layer: Controller, Service, Repository Layer and Controller Advise.
- **Version Control (Git)**: Create a GitHub repository to host your capstone project. Use non-main branches for development and create Pull Requests to merge major features. Commit frequently with descriptive messages to show your progress.
- **Academic Integrity**: Do not copy or reuse code from previous modules or external sources. The project is a showcase of your learning progress.
- **Learning References**: You may refer to course materials and code examples as learning references but implement your solutions independently.
- **Instructors Support**: The instructors will be available for general questions and guidance throughout the project.

Schedule & Deadlines

- **Project Start Date**: 4/9/2023
- **Project Submission Deadline**: 12/9/2023

Minimum Requirements

1. Each group consists of 3 students
2. At least 7 tables
3. At least 50 endpoints
4. Include all CRUD operations (Create, Read, Update, Delete)
5. At least 15-unit tests (5 controller tests, 5 service tests, 5 repository tests)
6. Class Diagram and Use Case Diagram
7. API documentation (Postman)
8. Figma UI

Submission

1. Make a repository on your GitHub account and add a markdown file with all your project introduction, class diagram, use case diagram and your project details
2. Add your endpoints documentation (Postman)
3. Add your Figma link
4. Add your presentation