Spring Boot Coding Assignment Final Project

URL to GitHub Repository: https://github.com/BE-AKY/Week18-FinalProject

URL to Public Link of your Video: https://youtu.be/5heEjigIa9U

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Instructions :

1. Follow the **Coding Steps** below to complete this assignment.

- In Eclipse, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed.

- Create a new repository on GitHub for this week's assignment and push your completed code to this dedicated repo.

- Create a video showcasing your work:

    - In this video: record and present your project verbally while showing the results of the working project.

    - Easy way to Create a video: Start a meeting in Zoom, share your screen, open Eclipse with the code and your Console window, start recording & record yourself describing and running the program showing the results.

    - Your video should be a maximum of 5-minutes.

    - Upload your video with a public link.

    - Easy way to Create a Public Video Link: Upload your video recording to YouTube with a public link.

2. In addition, please include the following in your Coding Assignment Document:

- The URL for this week's GitHub repository.

- The URL of the public link of your video.

3. Save the Coding Assignment Document as a .pdf and do the following:

- Push the .pdf to the GitHub repo for this week.

- Upload the .pdf to the LMS in your Coding Assignment Submission.

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Requirements Reminder

1-person Web API Spring Boot Project:
•   Database design which contains at least 3 entities and 3 tables
•   Contains all CRUD operations (Create, Read, Update & Delete)
•   **Each entity** should have at least one **CRUD operation**
•   **AND:** one or more entities need to have all 4 CRUD operations (Create, Read, Update & Delete).
•   Contains at least 1 one-to-many relationship
•   Contains at least 1 many-to-many relationship with one or more CRUD operations on this relationship
•   **Required**: **REST Web API Server** tested through Swagger, Postman or AdvancedRestClient (ARC) or a front-end client.

Create a GitHub Repo for your final Project

1. Push all of your code to your Final Project Repository (Repo).

2. Push any relevant .SQL files to your Repo.

3. Push a PDF of your ERD to your Repo.

4. Include any additional documentation for your project.

To submit your project:
- Click **Add Submission** Button
- Add your Final Project GitHub Repo URL to **Text Box**
- Add your Public Video Showcase Link to **Text Box** after the GitHub repo.

REQUIRED: PUBLIC GitHub Repo link with everything listed above, & PUBLIC link to Video!

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Create a showcase video

Create a **video**, up to five minutes max, showing and explaining how your project works with an emphasis on the portions you contributed. This video should be done using screen share and voice over. This can easily be done using Zoom, although you don't have to use Zoom, it's just what we recommend. You can create a new meeting, start screen sharing, and start recording. This will create a video recording on your computer.

UPLOAD that video records to a publicly accessible site, such as YouTube, Dropbox, or Google Drive. MAKE SURE THE LINK YOU SHARE IS <u>PUBLIC</u>. If it is not accessible by your grader, your project will be graded based on what they can access.
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