If you do not pay any relevent course fee to maintain Earth University BIT platform, Be ethical enough to contribute while you are using our Academic Contents

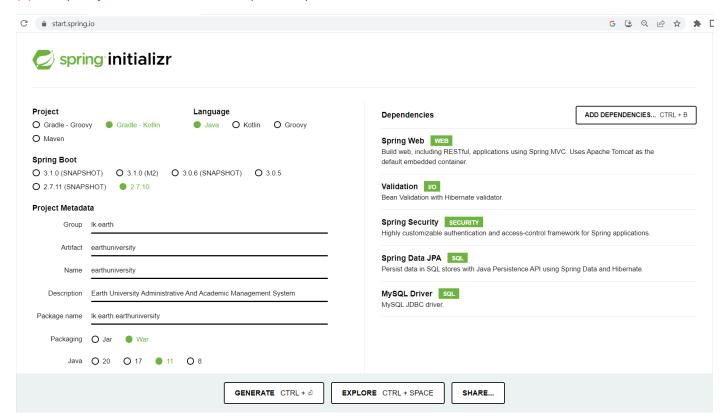
www.earth.lk/community 2004-2024 (20th Anniversary)

# **Sprint-2 Plan**

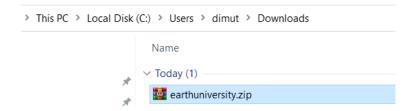
## **Employee Detail Management**

- 1. Establishing Project Folder Architecture
- 2. Server App Initialization
- 3. Sprint-2 Execution [ 2(a), 2(b), 2(c), 2(d), 2(e), 2(f) ]
- 4. Completing Sprint-1 Objectives
- 1. Setup Project Architecture with Required Dependencies
- 2. Download Project Folder Architecture for Spring Project
- 3. Open the Project with IntelliJ-IDEA (Download Gradle, Download Dependent Libraries, Indexing Files)
- 4. Add Valid Database Connection Details (Create the Database using Sprint-ER, follow 2(a) Steps in Sprint Execution)
- 5. Run & Test the Project with enabled Spring Security
- 6. Run & Test the Project disabling Spring Security

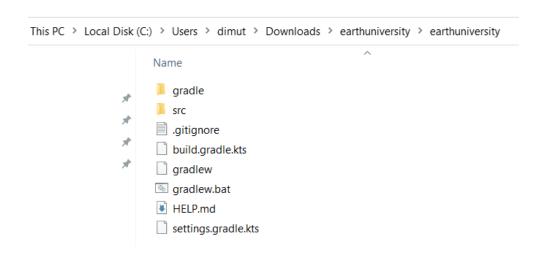
#### (1) Setup Project Architecture with Required Dependencies



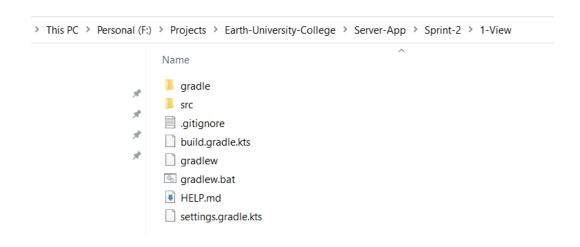
(2) Click On "Generate" Button



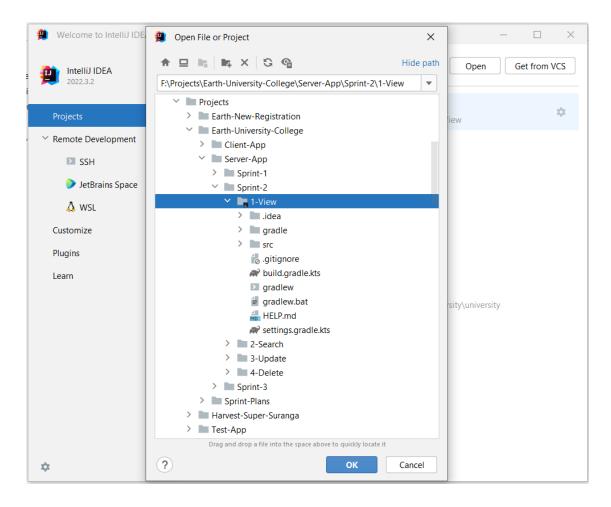
(3) Extract the Zip File and Copy the Content



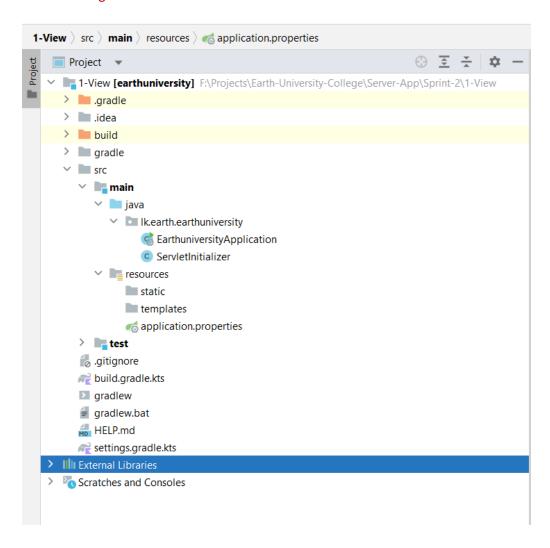
(4) Paste them in the "Server-App/Sprint-2/1-View"



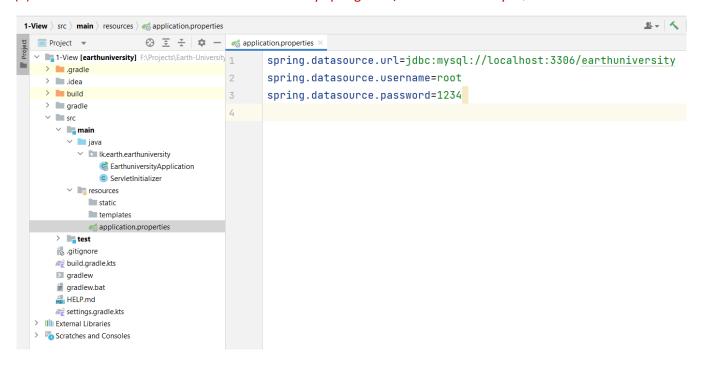
- (5) Open the Project with IntelliJ-IDEA and Let IDEA to install Gradle and download Spring Framework and its dependencies
  - (a) Download Gradle
  - (b) Download Spring Libraries along with other dependent libraries
  - (c) Indexing Files of the Project for managing them efficiently



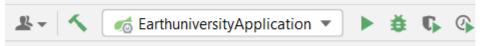
## (6) Observe the following Files and Folders



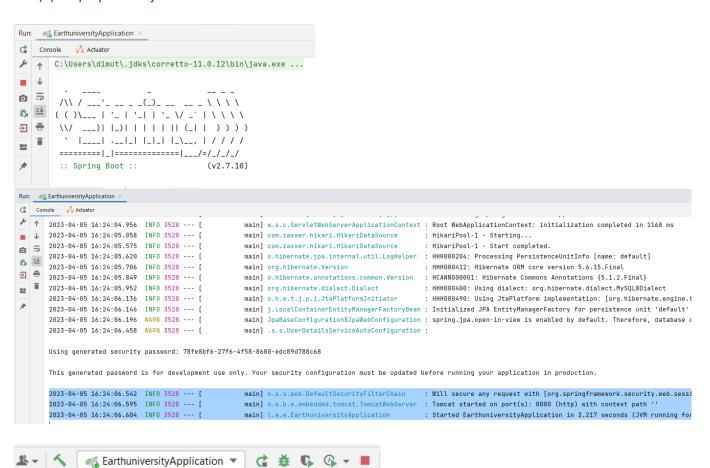
#### (7) Add Database Connection Details to be used by Spring-Data/Hibernate and MySQL-Connector



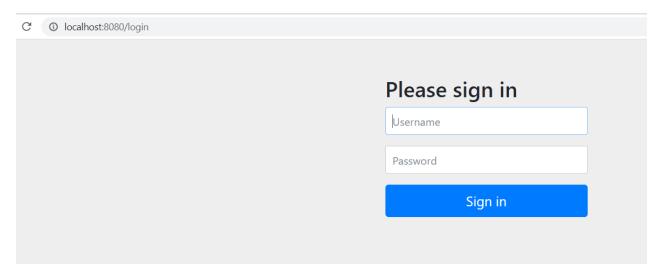
#### (8) Run the Project



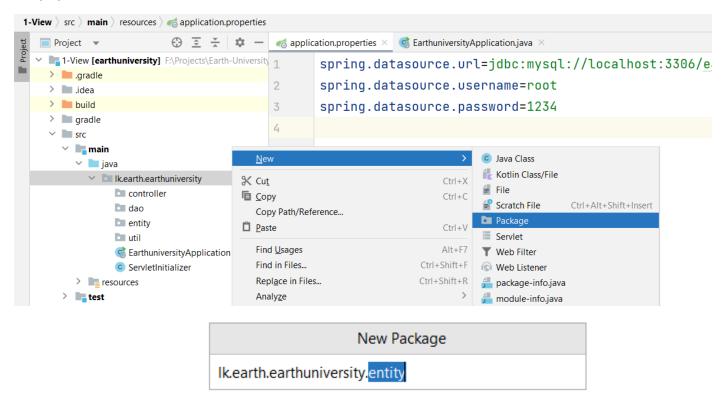
- (a) Compile and Build the Project
- (b) Run the Spring-Boot to auto configure the configuration files
- (c) Startup Virtual HTTP-Server at port 8080
- (d) Deploy the Project into the Virtual Server



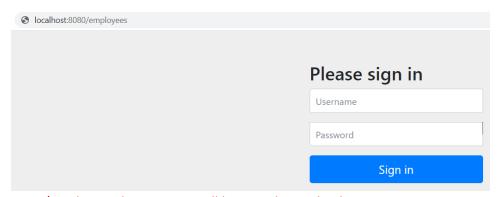
(9) Access the default Login Page created by Spring-Security → "localhost:8080/employees" → All Server request will be redirected to login by the Spring Security Framework



(10)Create Folder Architecture as Follows



(11) Disable Security Auto Configuration when the Project Initialized by the Spring Boot



When access /employees, but, request will be auto directed to login

(12) Instruct the Spring-Boot to exclude the Spring Security Auto Configuration until we create manual Configuration Class as we need.



Then, Access the "localhost/eployees"
This time the request will be not be auto directed to login



# Whitelabel Error Page

This application has no explicit mapping for /error, so you are seeing this as a fallback.

Wed Apr 05 17:18:07 IST 2023

There was an unexpected error (type=Not Found, status=404).

Department of Information Technology Earth University College