

Week 1 Report

This week which is week 1 of the project we have finished setup our project and create tables for our database.

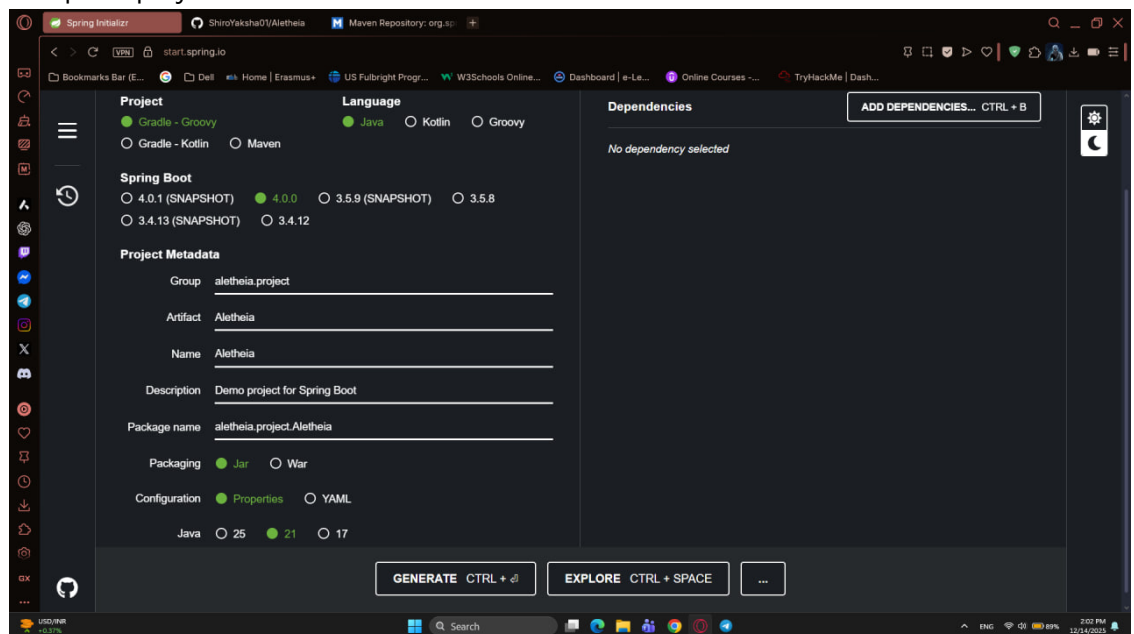
Week 1 progress:

1. Commits on Dec 8, 2025

- Seta:
 - Creating a github repo with only README.md file

2. Commits on Dec 14, 2025

- Seta:
 - Setup the project.



- The original plan is to set up the project folder and the report folder in separate folders.
- Approve the pull request from Kimheng

3. Commits on Dec 15, 2025

- Phayuk:
 - Change Java version from 21 to 25
 - Changing the project folder structure in github from separate project and report folders to report folder inside project folder instead.

- Config DB.

```

Aletheia/build.gradle
@@ -19,9 +19,11 @@ repositories {
19 19 }
20 20
21 21 dependencies {
22 - implementation 'org.springframework.boot:spring-boot-starter'
23 - testImplementation 'org.springframework.boot:spring-boot-starter-test'
24 - testRuntimeOnly 'org.junit.platform:junit-platform-launcher'
22 + implementation 'org.springframework.boot:spring-boot-starter'
23 + implementation 'org.flywaydb:flyway-mysql'
24 + implementation 'org.springframework.boot:spring-boot-starter-jdbc'
25 + testImplementation 'org.springframework.boot:spring-boot-starter-test'
26 + testRuntimeOnly 'org.junit.platform:junit-platform-launcher'
25 27 }
26 28
27 29 tasks.named('test') {

```

- Adding mysql database for migration inside "application.properties".
- Creating database tables in "Aletheia/src/main/resources/db/migration/V1__first_db_design.sql".
- Kimheng:
 - Add and configure the dependencies for db by using `spring.jpa.hibernate.ddl-auto=none` #JPA/Hibernate configuration - disable auto-schema creation since we're using Flyway
 - Fix the gradle build able to work for all members

```

20 20 testRuntimeOnly 'org.junit.platform:junit-platform-launcher'
22 + implementation('org.springframework.boot:spring-boot-starter:4.0.0')
23 + testImplementation("org.springframework.boot:spring-boot-starter-test:4.0.0")
24 + testRuntimeOnly("org.junit.platform:junit-platform-launcher")
25 +
26 + implementation("org.springframework.boot:spring-boot-starter-web:4.0.0")
27 + testImplementation("org.springframework.boot:spring-boot-starter-test:4.0.0")
28 + testRuntimeOnly("org.junit.platform:junit-platform-launcher")
29 +
30 + implementation("org.springframework.boot:spring-boot-starter-thymeleaf:4.0.0")
31 + implementation("org.springframework.boot:spring-boot-starter-actuator:4.0.0")
32 + implementation("org.springframework.boot:spring-boot-starter-data-jpa:4.0.0")
33 + implementation("org.springframework.boot:spring-boot-starter-validation:4.0.0")
34 +
35 + implementation("com.mysql:mysql-connector-j:8.3.0")
36 +
37 + implementation("org.springframework.boot:spring-boot-starter-jdbc:4.0.0")
38 + implementation("org.flywaydb:flyway-core:11.0.1")
39 + implementation("org.flywaydb:flyway-mysql:11.0.1")
27 40 }
38 41

```

- Setha:
 - Adding "Report/Aletheia_Members_And_Roles" and "Report/Aletheia_Week1_Report.md" in the Report folder