

COMP 3095 – Web Application Development with Java

Lab 1B Create a New Spring Project

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1. Laboratory Objective

To have a fully functioning, new Spring project started, complete with Spring Web, Spring Data JPA and H2 Database.

2. Laboratory Learning Outcomes: After conducting this laboratory students will be able to:

- a. Create a new Spring project that includes the following modules/addons:
 - i. Spring Web
 - ii. Spring Data JPA
 - iii. H2 Database.

3. Laboratory Instructions

- I. Using Spring Initializr (<https://start.spring.io/>) create a new Spring project with the following requirements
 - a. Uses Spring Boot 2.x (stable version, no SHAPSHOTS for this course)
 - b. Maven Project
 - c. Java 11 (or higher)
 - d. Includes the following modules
 - i. Spring Web (Web)
 - ii. Spring Data JPA (SQL)
 - iii. H2 Database (SQL)