How To Run The API and Tests

Cloning

Github Repository: https://github.com/RMIT-SEPT/majorproject-3-thurs-10-30-7.git
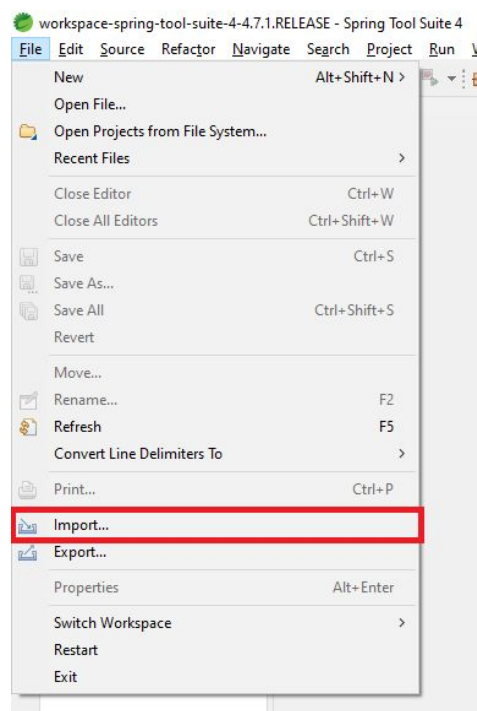
Given that you are a collaborator of the repository, you simply need to clone it into any folder on your computer.
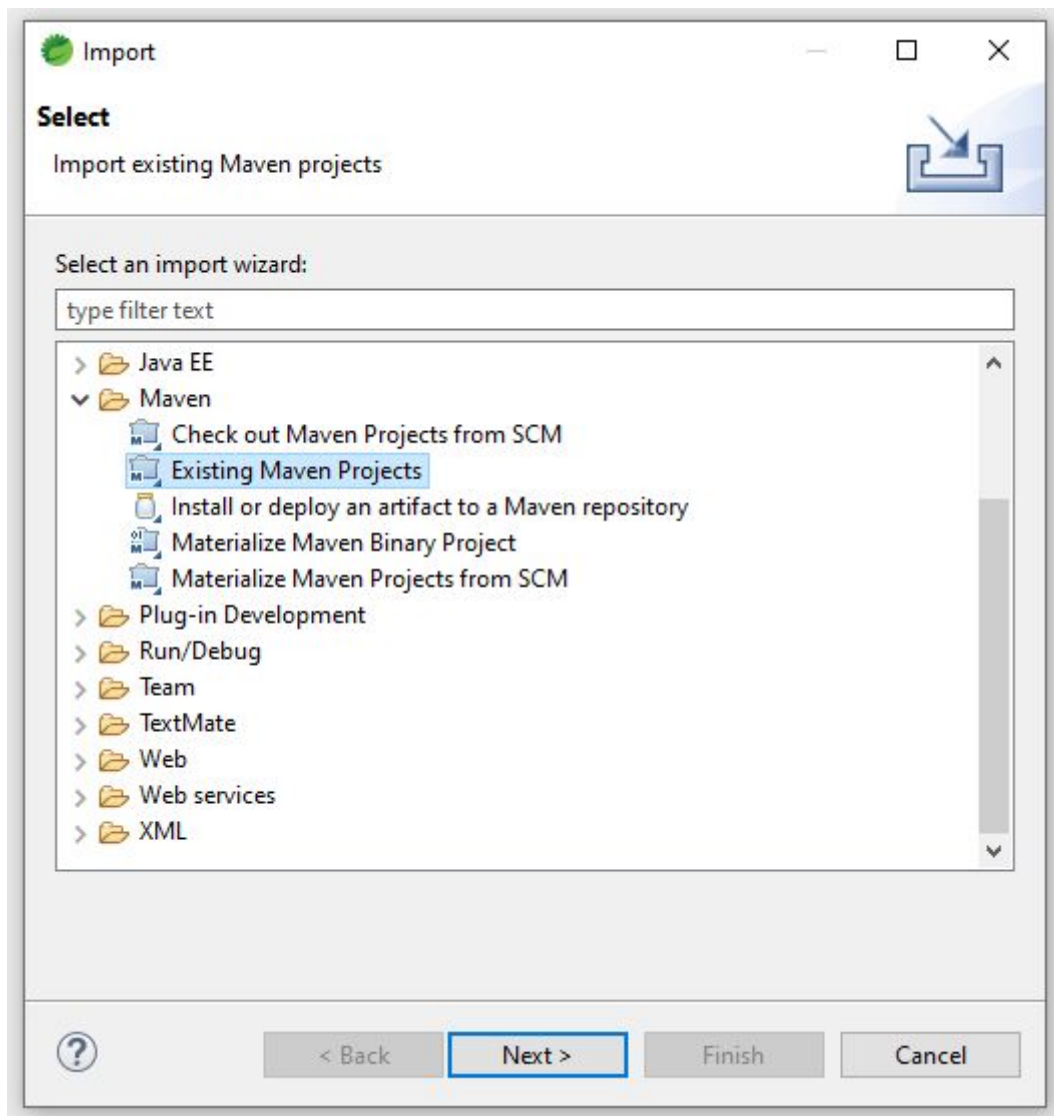
Setting up the Database

Once the project has been cloned, you need to have a running mySQL server and must run the .sql file included with the project. **The instance of your server must have the username 'root' and password 'root1'** in order for the application to work. Then, in your SQL workbench, open the script file called appointment_system.sql, and run it.
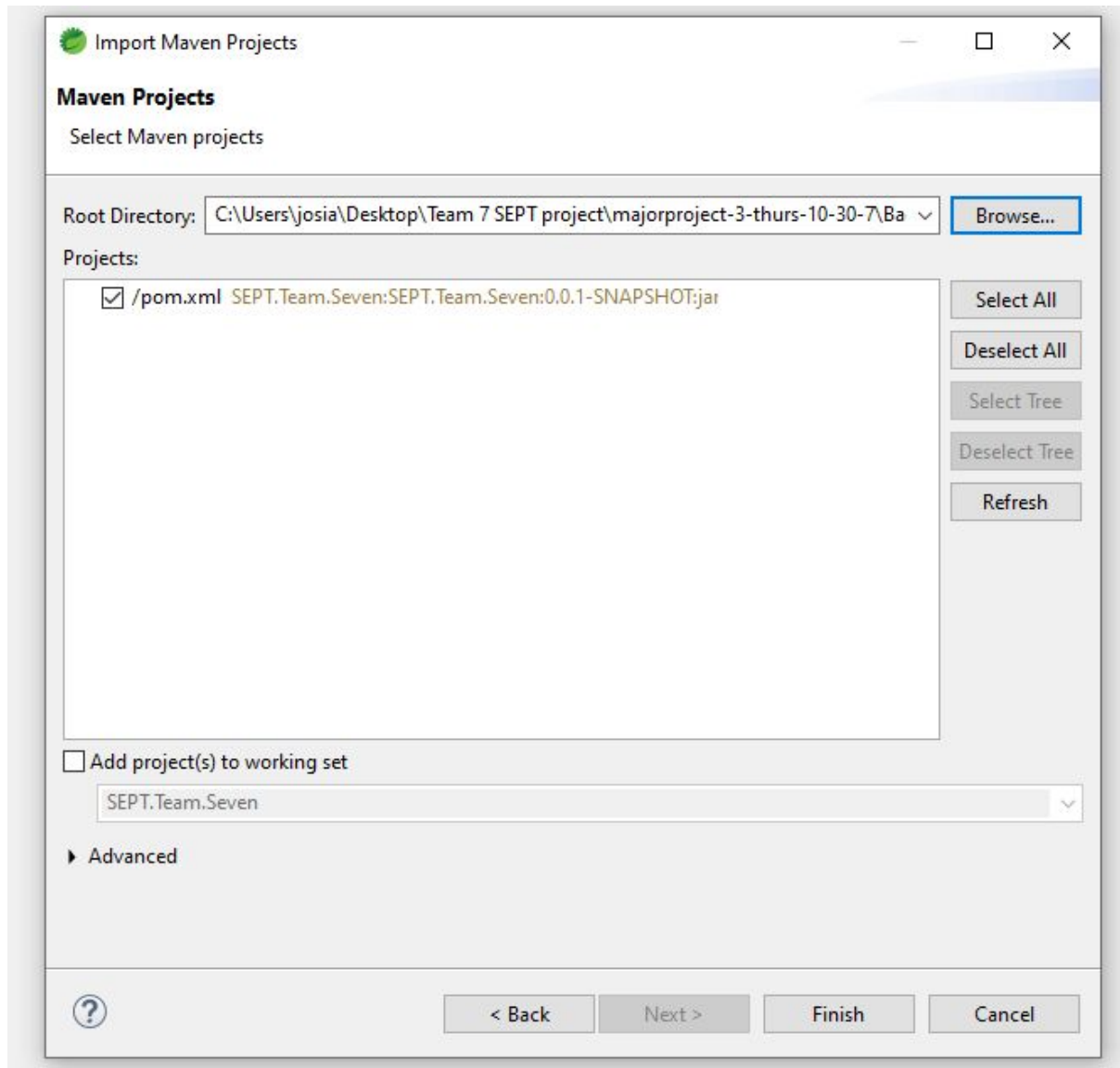
Importing the Maven Project

Once inside your IDE, you must import the project as an Existing Maven Project. To do this in Spring Tool Suite and Eclipse, simply click on the File tab on the top and then click on the Import… button.

After clicking on Import, select the Maven folder and select Existing Maven Projects and then press Next.
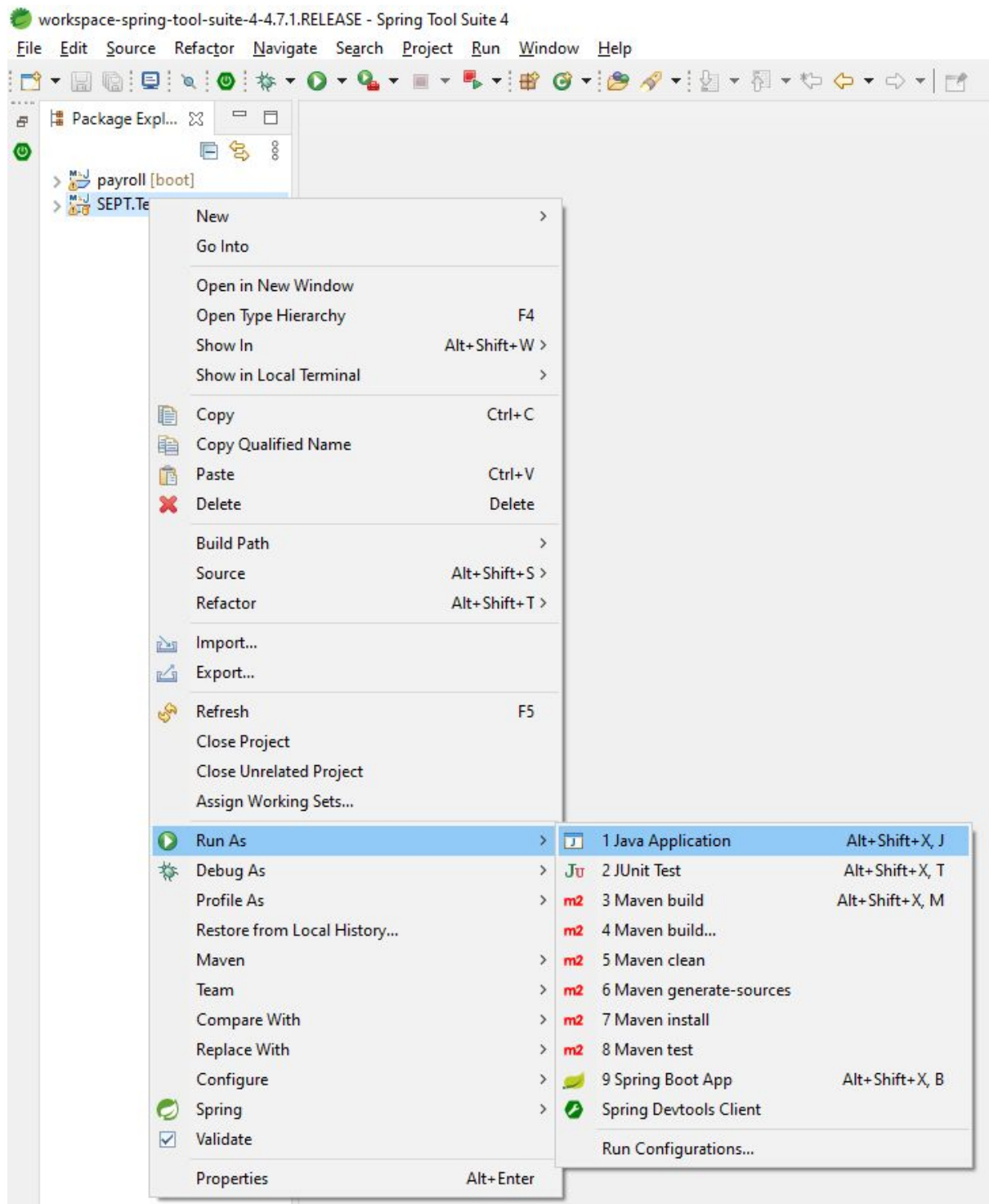
After you click 'Next', you'll need to locate the directory of the project. Simply click on the 'Browse' button as shown below and then locate the BackEnd folder in the repository so that the corresponding pom.xml file is found and properly loaded.

Once this is found correctly, click on 'Finish' and the project will be imported into the workspace.

Running the Spring Boot Application

To run the application, it's fairly simple. All you have to do is right click on the package, select Run As, and run the project as a Spring Boot Application, or as just a normal Java Application. This should run, and if the previous steps in the guide have been followed, it should have successfully linked with the database as well.

Once this is done, the Application should be running!

Running the JUnit 5 Testing

1. Navigate to src/test/java.
2. Right click the SEPT.Team.Seven package.
3. Hover over the 'Run as…' option and select 'JUnit Test'.