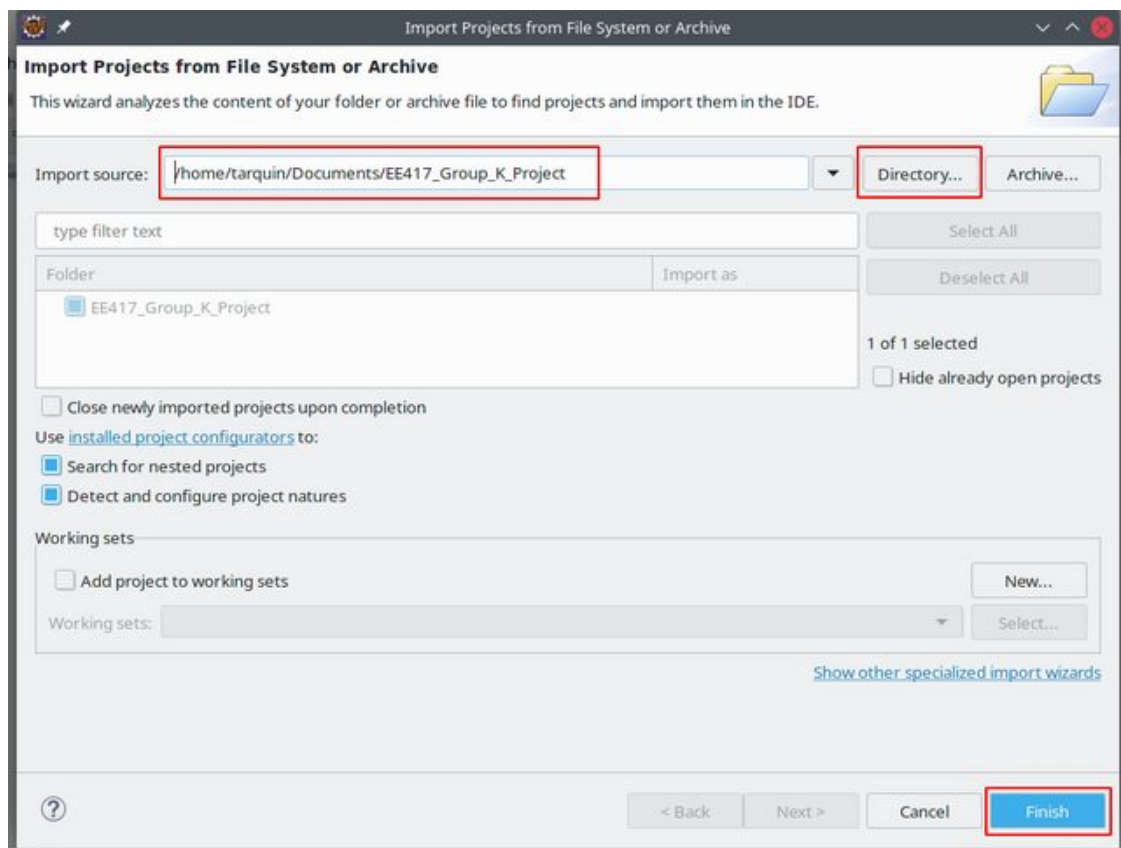


# EE417\_Group\_K\_Project (ElectronicsShopping)

## Importing the project into Eclipse

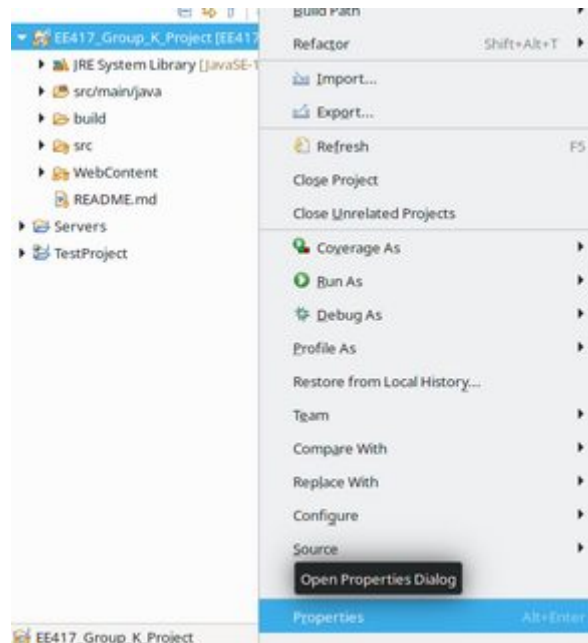
Here is how to import the project into Eclipse and set up the development environment so that everything works properly. There are a lot of steps, because I created the project just before a new version of eclipse ( 2021-3 ) was released. This new version expects different default paths, so the location of web pages and Java source files must be changed manually in the project settings. If you are still using an older version of Eclipse, you may not need to do all of these steps.

1. First clone the repo.
  - `git clone https://github.com/WalJT/EE417_Group_K_Project.git`
  - Or use your git client of choice
2. Open Eclipse, and click `File -> Open Projects from File System`
3. Click `Directory` and choose the root folder of the repo in the file picker. Then, click `Finish`



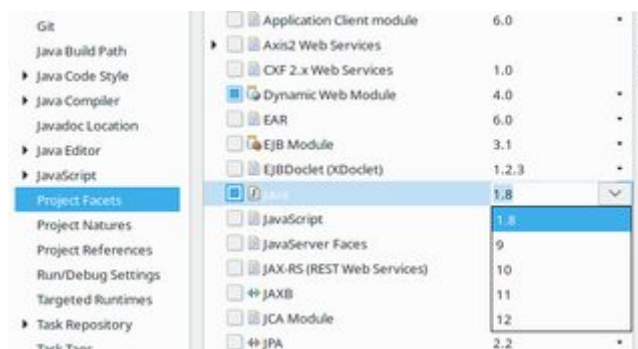
**Figure 1:** Adding the project to Eclipse

4. Right-click on the project in the sidebar, go to properties



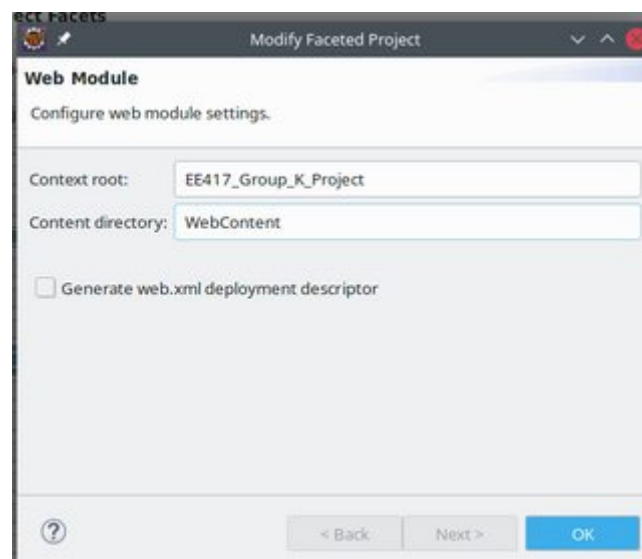
**Figure 2:** Right click context menu of the project in the sidebar

- Go to **Project Facets**, and enable the **Dynamic Web Module**. You may also need to change the version of the **Java** plugin to 1.8.



**Figure 3:** Settings to change in **project facets**

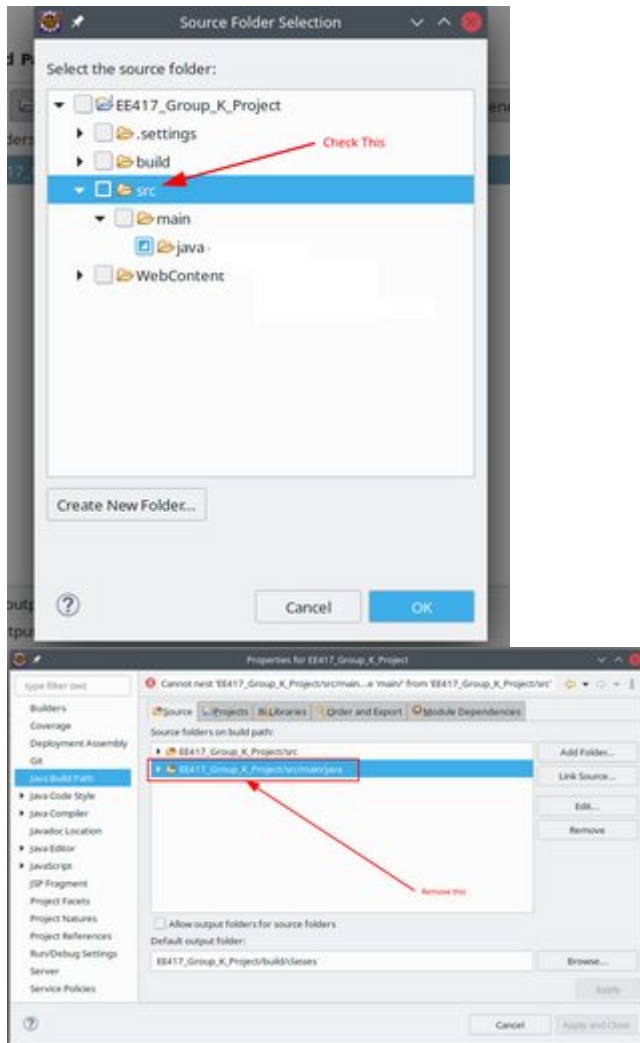
- Click **Additional Settings Available** which should appear below, and choose the correct location for web pages.



**Figure 4:** Setting the location of web pages

- In the project properties dialog, go to **Java Build Path**

8. Under the `Source` tab, click `Add Folder` and specify the correct folder, which is `EE_417_Group_K_Project/src/`, and remove the new default folder; `EE_417_Group_K_Project/src/main/java/`



**Figure 5:** Setting the location of Java source files

9. Finally, under the `Libraries` tab, add the `jsp-api.jar` and `servlet-api.jar` files from your installation of Tomcat9 or web server of choice, and the `jstl-1.2.jar`, `mysql-connector-java-8.0.23.jar`, and `taglibs-standard-impl-1.2.5.jar` that can be found in the `JARs/` folder. These last three will also need to be added under "Deployment Assembly"

## Database Configuration

For the database connection to function properly, the URL and MySQL credentials must be set in the following locations:

- In `src/settings/DatabaseConfig.java`
- In `src/group/util/DBConnection.java`
- Wherever `sql:setDataSource` can be found in `WebContent/Admin.jsp`