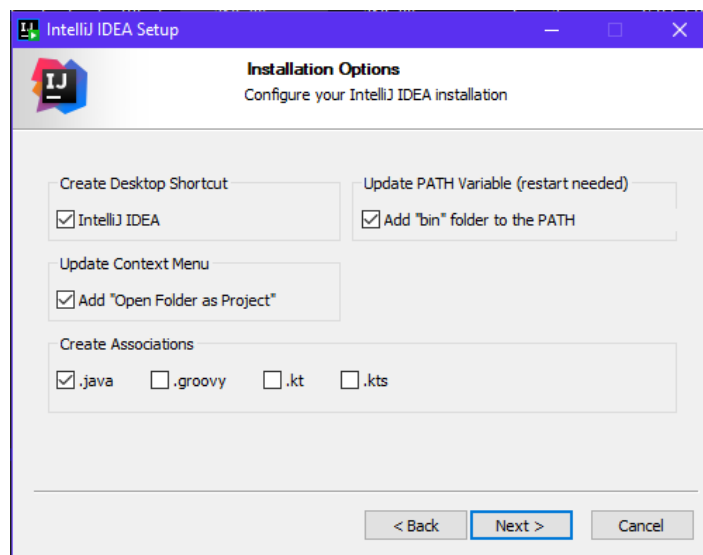


## En-Passant Environment Set up

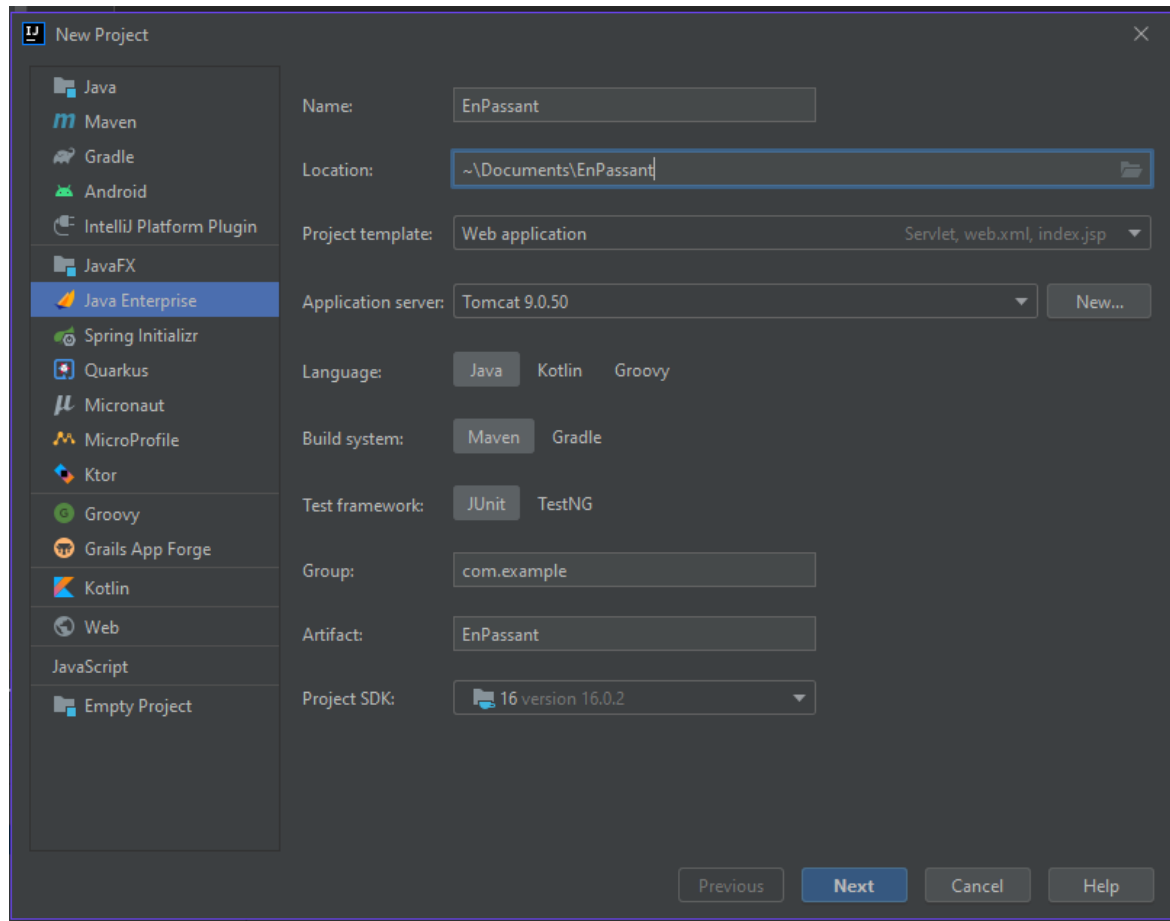
- 1) On your DB Management Tool, create a database and input the sql commands from the EnPassantDB\_SqlCommands.txt file in the root directory of the Downloaded Folder from Github to create the tables needed for this application
- 2) Install the Java SE Development Kit 16.0.2
  - a. <https://www.oracle.com/java/technologies/javase-jdk16-downloads.html>
- 3) Install IntelliJ IDEA 2021.2 Ultimate Edition
  - a. <https://www.jetbrains.com/idea/download/#section=windows>
  - b. Download the Free 30-Day Trial
  - c. Be sure to have this checkboxes checked



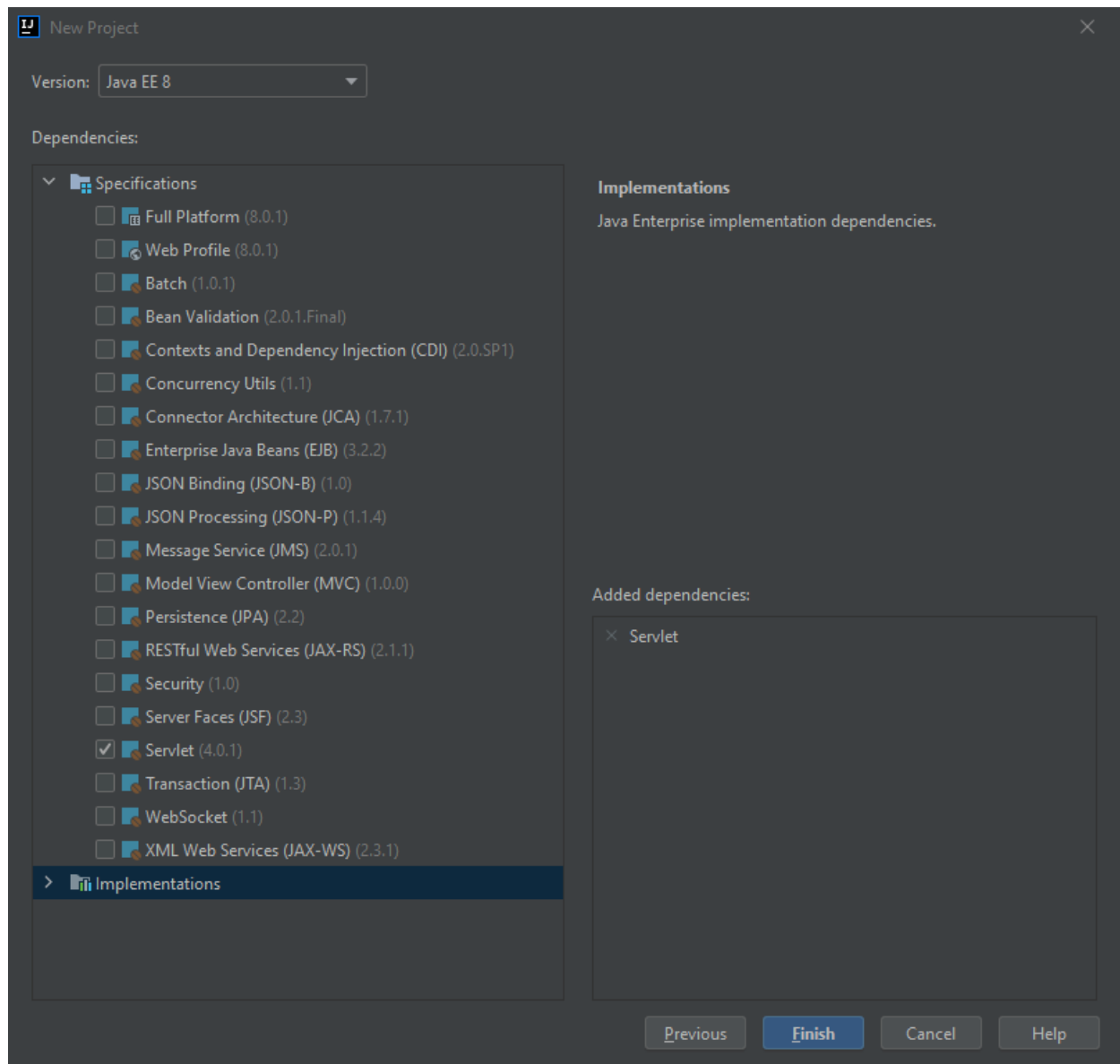
- 4) Open up IntelliJ IDEA 2021.2 then click File -> New -> Project
  - a. Fill out the Project window as shown below

(check out the root folder that you download from Github, for the Tomcat 9.0.50 folder. Make sure you've unzipped the folder, prior to selecting it. Browse to where ever you download the folder to, and select the Tomcat.)

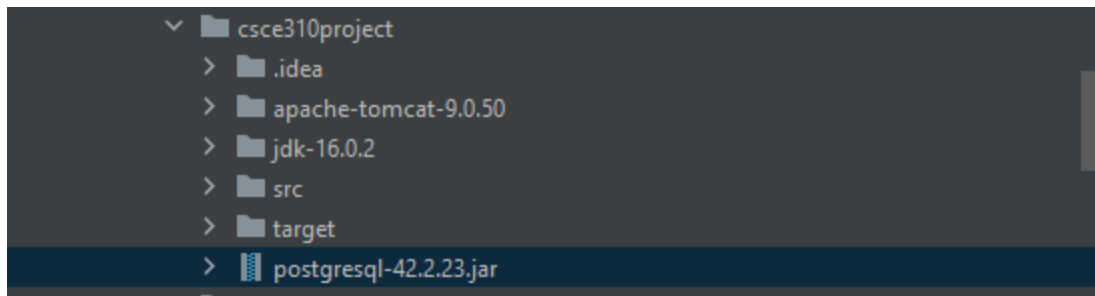
(Same thing for the Project SDK. Go to where you downloaded and installed the JAVA JDK 16.0.2)



5) Afterwards, be sure only Servlet under Specifications is selected.

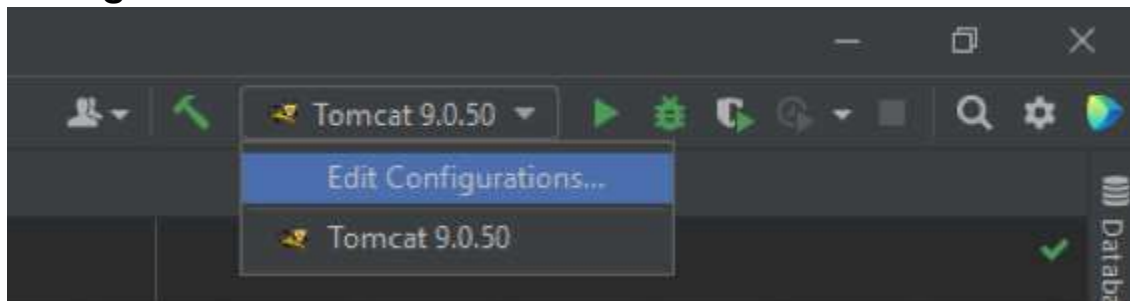


- 6) Your project should now have been created. From here we will start attaching the resources needed to run this application.
- 7) Go to File -> Project Structure -> Modules -> Dependencies -> then click the + icon -> Jar or Directories
  - a. You want to find where the Postgresql 42.2.23.jar is located at. In this case, look at the root directory of the folder that you just downloaded from Github.



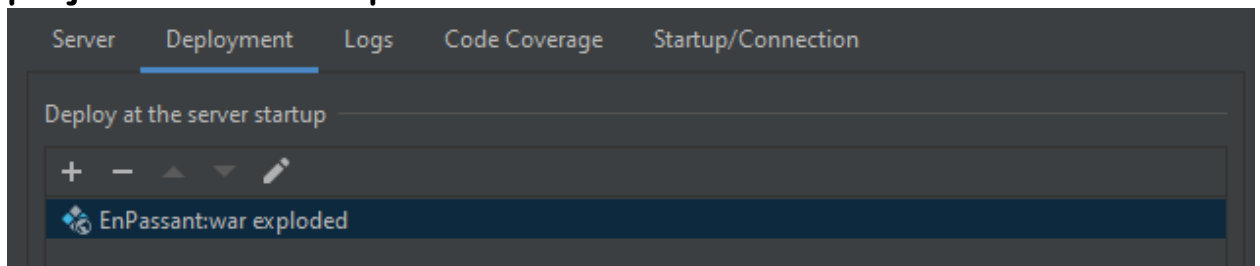
And select on the Postgresql 42.2.23.jar file. Then click Apply and Ok afterwards.

- 8) Go near to the Top Right corner of the IntelliJ Window and where it says Tomcat 9.0.50, click on it, then click Edit Configurations



- 9) Go to Deployment.

IF you already have something like this format  
projectname:war exploded



Then you can skip this step.

If you don't have anything showing up, then click the '+' icon -> Artifact

Then find projectname:war exploded and select and click 'ok'

And with that you're done setting up the environment. Now onwards to transferring the files.

- 10) I recommend having 2 windows for your file managers. One window for your new project's root directory. And the other for the downloaded folder from Github's Root Directory.
- 11) Go to src -> main for both File Manager windows. We will be first transferring the Java Files.
- 12) Go to java on both windows. And select the 'com' folder in the window of the Downloaded Github Folder, and Ctrl C (aka. Copy ) the selected 'com' folder. And Ctrl V (paste) it into your Java folder.
- 13) After that go back to the Src->main directory. Then click on webapp for both windows.
- 14) Copy the assets, images, img folders from the Downloaded Github Folder, into your new Project's src->main->webapp directory.
- 15) Do the same thing for the edit.jsp, index.jsp, load.jsp, matches.jsp, play.jsp (You will overwrite the basic index.jsp file that was given to you whenever you start a new project)
- 16) Afterwards, go to the WEB-INF folder directory for both file manager windows. And copy over the 'lib' folder from the Downloaded Github Folder, into your project's WEB-INF directory.
- 17) You're almost done. Open up your IntelliJ Idea that contains the new project you just created (hopefully you didn't close it).

- 18) On the Project File Manager, go to src -> main-> java -> com-> database.csce310project, and double click on the queryGamesClass.java file.
- 19) Scroll down to line 48. Under the getConnection() function. And change the local DB Login Credentials, to your DB Login Credentials.
- 20) You're now ready! Build the project, and Run the application!