

Lab-8 : using j2ee architecture for data base application
20-Sept-2019

Today's lab is to learn in more details the java-servlet-jsp technologies for developing java web application. You will use one simple project developed by my earlier students (called simply p2).

Use the j2ee eclipse along with web server (tomcat) and postgresql driver that you created in the last lab. Also use the p2.zip file of the project.

Tasks for the lab

1. Once you have set up the p2 project, do a test run of the project and understand its black-box level working. Read the project requirements document as well as the design and user manuals shared with you.
 2. Understand the database design as well as the various .sql files used to create and populate the database.
 3. make execution-flow diagram for the project as follows for each user screen:
 - from each html form and its action, trace which jsp, servlet is invoked, and what functions within them are executed and what database tables are accessed
 - this will need to be submitted along with the assignment that will be announced at 4.00 pm
 4. Understand and then evaluate the architecture of the program in terms of appropriateness of its components like the plain java classes, jsp/servlets. Give your comments from good programming practices.
 5. Submission will be announced at 4pm
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