

CSE412 Project 3

Readme file

The project 3 implementation uses the following technologies:

- Apache Tomcat
- Postgresql
- Java Server Page (JSP)
- JSON
- HTML/Javascript

The following instructions is done on a Windows 10 laptop:

1. Install Postgresql version 10. The location is C:\Program Files\PostgreSQL\10.
2. Create and load the movies database from Project1
3. Create user webuser in the postgres database. The password is also webuser.
4. Execute the following command in the database: create table search_helper (movieid integer);
5. Install Apache Tomcat 9.0. The location is C:\Program Files\Apache Software Foundation\Tomcat 9.0
6. Create a directory for this project under webapps as shown here: C:\Program Files\Apache Software Foundation\Tomcat 9.0\webapps\CSE412-Project3
7. Copy the 6 files that come with this project in the above directory.
8. Download the following jar files and place them in the directory C:\Program Files\Apache Software Foundation\Tomcat 9.0\webapps\CSE412-Project3\WEB-INF\lib: postgresql-42.2.2.jar and java-json.jar
9. Create an environment variable for CLASSPATH as show here: C:\Program Files\Apache Software Foundation\Tomcat 9.0\lib\postgresql-42.2.2.jar;C:\Program Files\Apache Software Foundation\Tomcat 9.0\lib\java-json.jar;
10. Stop and start tomcat service
11. Start IW and use the this link to connect to this app: http://localhost:8080/CSE412-Project3/project3_frames.html