

Internet and Web Systems 1

Week 9 Report

Tasks Achieved:

1. The task I achieved this week was developing the database and writing code to connect it to the front end.
2. I created a database called 'mydatabase' and made two tables namely 'User' and 'Book_info'.
3. I created three JavaScript files which will connect my User table and the front end.
4. The first one being the server.js for which NodeJS is required to be installed in the root folder. Then the server.js file is run and local server starts working and the webpage loads on the mentioned local host port.
5. I also created login.js file which is automatically called from the server.js and it runs on the server when the user clicks the login button. When the user enters the credentials required, the server gets data from the database, user table verifies if the credentials are correct or not and logs in the user.
6. I finished developing UI.

Problems and Solutions:

1. I had difficulty in writing the script for server and database connection as it was my first time working with NodeJS.
2. I am working on writing a script on inserting values in the database from the web form itself.
3. I overcame this problem going through the tutorial and documentation of NodeJS.

References:

1. https://www.w3schools.com/nodejs/nodejs_mysql_create_db.asp
2. <https://stackoverflow.com/questions/31177414/insert-data-from-form-into-mysql-using-node-js>
3. <https://codeforgeek.com/2015/01/render-html-file-expressjs/>
4. <https://stackoverflow.com/questions/11930253/how-to-create-a-login-page-when-username-and-password-is-equal-in-html>