Ho Chi Minh City
University of
Technology

WEB PROGRAMMING

LAB 2.3 Login, logout, cookies, sessions

Student: Nguyen Minh Hung – 2052504

Lecturer: Nguyen Duc Thai

FACULTY of COMPUTER SCIENCE and
COMPUTER ENGINEERING

Ho Chi Minh City, October 2023

I. Requirements

LAB 2.3 Login, logout, cookies, sessions

Click on the link:
`http://localhost/index.php?page=login`
you will see the login form with the input:
o Username: E-mail address
o Password: ************
o Login button
• After click the "Login" button, the values (E-mail address and password) will be sent to server for processing (login_processing.php).
• Receive these values, compare them with the pre-stored values in "users" table to authenticate the user. If they match, let the user in, otherwise send notification "Incorrect username or password!"
• Send cookie(s) to user machine.
• Assign neccessary value(s) to global variables $_SESSION
• If the user logged in, replace button "Login" by "Logout", assign the link to "Logout" and create the file "logout.php". Remove the button "register" too, if it exists.
• After the user logged in, redirect the user to the web page you want (dashboard for that user).
• The users could be in different groups (user levels), with different permissions. Insert the user level to all users and recognize them after logging in.
• Show the user "name" and "user level" in all web pages.
Expected outcome: you complete the files:
• login.php
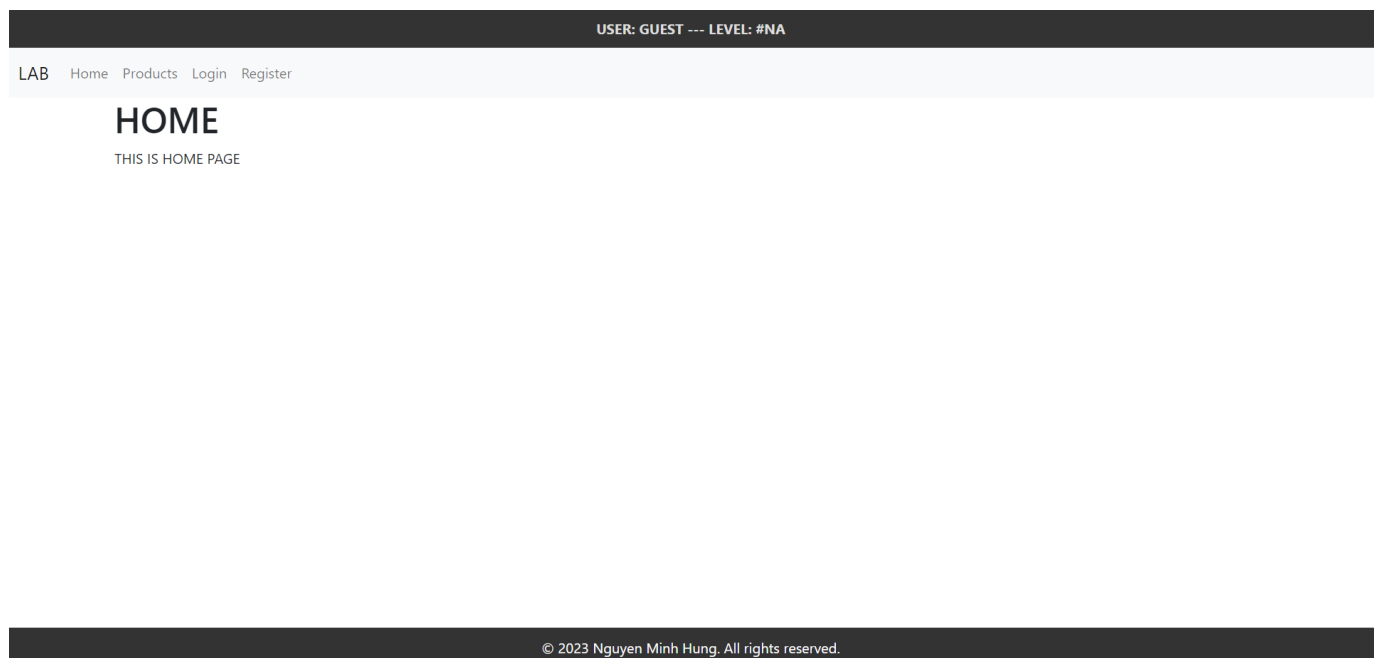• login_processing.php
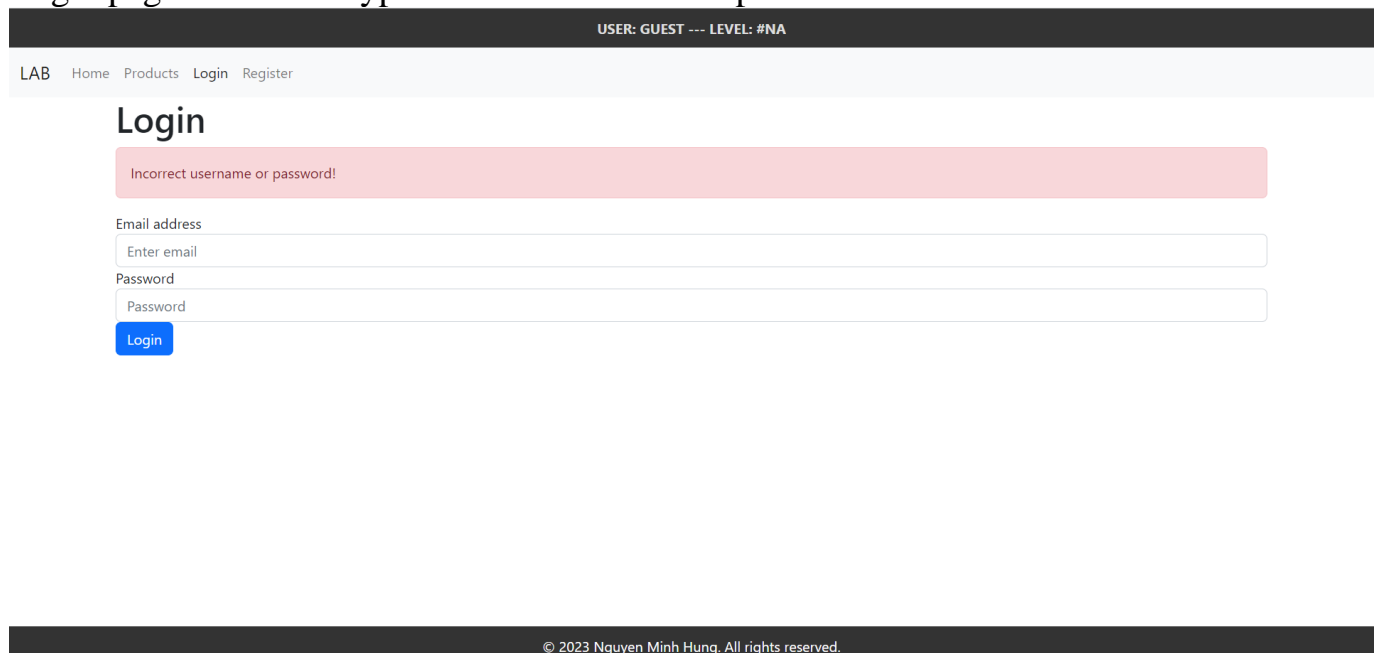• logout.php

II.   Implementation

Modify the 'users' table:

```
mysql> SELECT * FROM users;
+--------+-----------+--------------------------------------------------------------+------+-------+
| userID | username  | password                                                     | name | level |
+--------+-----------+--------------------------------------------------------------+------+-------+
|      1 | a@g.com   | $2y$10$HYRkzVSU1rtHmwsDXSfkkOAepeJv7c5hZHVE07IoCPetjgZyxZFOq | A    |     0 |
|      2 | b@g.com   | $2y$10$7k9wgWkg5T/jc1wm91bTqesVH.DzPe.wJY5oeEXWpKqJruqE8rZrq | B    |     1 |
|      3 | c@g.com   | $2y$10$LWa85Mj6mMqzbrs72lsl0uXlggtfuK6cOX5QjdD3vPrY0lOj6O6CG | C    |     2 |
+--------+-----------+--------------------------------------------------------------+------+-------+
3 rows in set (0.00 sec)
```

III.   Result

Page when user haven't logged in:

USER: GUEST --- LEVEL: #NA

LAB   Home   Products   Login   Register

HOME
THIS IS HOME PAGE

Login page when user type in incorrect email or password:

USER: GUEST --- LEVEL: #NA

LAB   Home   Products   Login   Register

Login

Incorrect username or password!

Email address
Enter email
Password
Password
Login

When user logged in, the website navigates back to the homepage. The "Login" button is now "Logout", the register button is hidden. Header changed style and show name, level of the user

LAB   Home Products Logout

HOME
THIS IS HOME PAGE

USER: A --- LEVEL: 0

LAB   Home Products Logout

Products

ID	Name	Price	Quantity
1	Product 1	19.99	100
2	Product 2	29.99	50
3	Product 3	9.99	75
4	Product 4	33.99	75
5	Product 5	3000.00	5

Logout button clear cookies and sessions, navigate back to home page.