Lab Assignments - V

Course: Internet and Web Technology
Semester: MCA 4th Semester

1. Setup MySQL Database, create a separate database for your project. Then create an user and give privileges of all the tables to the newly created user.

2. Create a table in the database for users. Now, modify the Experiment 2 of Assignment – IV+, such that when user will submit his/her registration form, the information will be entered into the table. Before inserting a registration data, generate an user id by checking existence of lower numbered user ids of same name in the database, as specified in the Experiment. In other words, for "Sachin Kumar", as there is no user with first name "Sachin" already, it will generate the user name "sachin.1" and for "Sachin Vyas", it will be "sachin.2". [Table will contain rows such as user_id, name, email, contact, password with user_id being primary key. Hint: before generating an user id, count number of rows with pattern starting with first name, say, sachin. The next id will be one more than the count attached after 'sachin.'].

3. Modify Experiment 3 of Assignment - IV, as an extension of Experiment 2 of current assignment, create a login page that will search for valid login from the created database. The login page will contain fields for user id and password. On valid login, server will render a page stating "Welcome, <name>" and a button "Logout". Otherwise, it will remain on the login page, with an output field stating "Invalid user id / password." On valid login, create a session cookie, so that on next visit of login page without closing the browser or without logging out, he/she will not have to re-enter his/her user-id/password [On browser close or clicking on Logout, the session will end]. **Added Bonus:** Whenever user will enter user id and go to password field, it will show a message "User ID does not exist" if the user id does not exist in database. Use AJAX.