CT4009 Introduction to Web Development

Lab Work (Semester 1 Week 6)

Download "OnlineBuySell- Wk6 2017.zip" (click on link "Sem 1 Week 6 - Source Code for Lab Work") from moodle and save it in the "N:CT4009/labwork" folder.

Open the project in Dreamweaver (as shown in the last week lab instructions**).**

TASK : Implement Login.html

Double click on the "Login.html" file on the right-hand File manager pane

1. **Have a quick scan over the ID attributes of the form elements. We have given "txt" prefix for textbox elements and "btn" prefix for the button elements and "form" prefix for the form elements**

```
<form id="loginForm">
    <label> Email: </label>
    <input type="email" id = "txtEmail" name="email" required="required"> <br>
    <br>

    <label> Password: </label>
    <input type="password" id = "txtPassword" name="password"
    required="required"> <br><br>

    <input type="submit" id = "btnLogin" value="Login">

</form>
```

Update LoginDAO.js

2. **Double click on the "LoginDAO.js" file on the right-hand File manager pane**

   a. **Write the following lines of code**

```
function isValidUser() {
    selectAll(function(results) {
        var result = false;
        if(!results || !results.length) {

        }
        else {
            var len = results.length, i;

            var userEmail = document.getElementById("txtEmail").value;
            var userPassword = document.getElementById("txtPassword").value;
            sessionStorage.clear();

            for(i = 0; i < len; i++) {
                if(userEmail === results[i].email && userPassword === results[i].password) {
                    sessionStorage.setItem('userEmail', results[i].email);
                    sessionStorage.setItem('userID', results[i].id);
                    result = true;
                }
            }

            if(result) {
                window.location.href = "../SellItemPage/SellItem.html";
            } else {
                alert("Invalid email or password.");
            }
        }
    });
}
```

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Update Login.js

      b. **Double click on the "Login.js" file on the right-hand File manager pane**

      c. **Write the following lines of code**

```
Login.js ×    LoginDAO.js ×    Login.html ×
 1 ▼ $('#formUserLogin').submit(function(event){
 2       // cancels the form submission
 3       event.preventDefault();
 4
 5       setDatabaseName('dbFlogger', ['UsersObjectStore', 'ItemsObjectStore']);
 6       setCurrObjectStoreName('UsersObjectStore');
 7 ▼    startDB(function () {
 8           isValidUser();
 9       });
10  });
```

Test your implementation

      a. **Prerequisite – you have completed the last week's lab work (implementation of the registration page)**

      b. **Open the Login.html in a web browser (Google Chrome)**

      c. **Test**