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CSD460

## Module 6 Tests

| **Project:** Provisio |  |
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| **Course:** CSD460 - Capstone in Software Development |  |
| **Description:** A series of tests to test the landing, login, and registration pages functionality and security. |  |
| **Date:** 2023/04/08 |  |
| **Version:** 1 |  |

| Test 1 | **Registration Page - Initial Registration** | | | |
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|  | **Test Objective: Test that the registration page requires the appropriate elements to register.** | **Developer: Julia Delightly, Taylor Reid, Kendrick Baker**  **Date tested:** 2023/04/08 | **Peer tester: Jessica Phan**  **Date tested:** 2023/04/08 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Open Provisio registration page while logged out. | Page and form load normally and without errors. | pass | yes |
| 2 | Fill out different varied fields, leaving some blank. | The page shows an error message that the blank fields are required. | pass | yes |
| 3 | Fill out all fields but make sure the password intentionally does not meet requirements and hit submit. | The page shows an error message stating that the password does not meet requirements. | pass | yes |
| 4 | Using the previously entered data, fix the password to meet requirements and attempt to register. | The page redirects your browser to the home page. | pass | yes |
| 5 | Return to the registration page | The page shows a message that you are already logged in, and asks you if you would like to logout instead. | pass | yes |
| **Comments** | Everything in this test went smoothly as planned. I even went the extra mile with the password and tried out the “password does not match” system. The only thing that stood out to me was the ‘Logout’ button had already appeared before I even started to register. | | | |

| Test 2 | **Registration Page - Duplicate Registration** | | | |
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|  | **Test Objective: Test that the registration page does not allow for duplicate registrations with the same email.** | **Developer: Julia Delightly, Taylor Reid, Kendrick Baker**  **Date tested:** 2023/04/08 | **Peer tester: Jessica Phan**  **Date tested:** 2023/04/08 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Logout of Provisio website using logout link. | The page shows a message stating that you have been successfully logged out. | pass | yes |
| 2 | Return to the registration page. | The page shows the registration form again. | pass | yes |
| 3 | Attempt to register again using the same exact values as the previous test. | The page displays an error message stating that an account already exists for that email. | pass | yes |
| 4 | Attempt to register again using the same email as the previous test, but different first name, last name, etc (only the email should be the same). | The page displays an error message stating that an account already exists for that email. | pass | yes |
| 5 | Click the cancel button. | All inputs within the form reset. | pass | yes |
| **Comments** | Nicely executed. It looks like the email part is what keeps intact a duplicate reservation. Otherwise, with the same names reservation are okay as long there is no duplicate emails per reservation. | | | |

| Test 3 | **Login Page** | | | |
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|  | **Test Objective:** | **Developer: Julia Delightly, Taylor Reid, Nathan Mausbach**  **Date tested:** 2023/04/08 | **Peer tester: Jessica Phan**  **Date tested:** 2023/04/08 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Open Provisio login page while logged out. | Page and form load normally and without errors. | pass | yes |
| 2 | Attempt to login with a blank email and password. | The page shows an error message that the email is required and does not login. | pass | yes |
| 3 | Fill in the email but not the password. | The page shows an error message that the password is required and does not login. | pass | yes |
| 4 | Fill in email correctly and password incorrectly. | The page shows an error message that the username or password are incorrect. | pass | yes |
| 5 | Fill in email and password correctly. | The site logs in and redirects to the home page. | pass | yes |
| **Comments** | This testing went smoothly, and I think it was essential to take the time on. Despite there being only textboxes to sign in, each one executed perfectly. Without correct information for both of them you won’t be able to sign in. | | | |

| Test 4 | **Login Page** | | | |
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|  | **Test Objective:** | **Developer: Julia Delightly, Taylor Reid, Nathan Mausbach**  **Date tested:** 2023/04/08 | **Peer tester: Jessica Phan**  **Date tested:** 2023/04/08 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | While logged in, go to the login page. | The page displays a message that you are already logged in as <firstName> <lastName> and offers a link to logout. | pass | yes |
| 2 | Click the logout link in the message. | You are redirected to the logout page that gives a message that you have been logged out. | pass | yes |
| 3 | Navigate to the login page again. | Page displays the form to login correctly. | pass | yes |
| 4 | Refresh the page. | Page still shows the form to login and not the “already logged in” message. | pass | yes |
| 5 | Click the “Join Now” button. | Website redirects you to the registration page. | pass | yes |
| **Comments** | Besides the noticeable ‘Logout’ button on the far right hand side, it didn’t bother me. But once an account is logged in with that specific email, it’ll trigger saying “already logged in”. | | | |

| Test 5 | **Landing Page** | | | |
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|  | **Test Objective: Test that the landing page loads normally and without errors.** | **Developer: Julia Delightly, Taylor Reid**  **Date tested:** 2023/04/08 | **Peer tester: Jessica Phan**  **Date tested:** 2023/04/08 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Go to the Provisio landing page (index.html) while logged in. | Page loads, appears normal, and has no obvious errors. The page displays a personalized greeting with the user’s name. | pass | yes |
| 2 | Open developer console (F12 in Chrome) | The Javascript console shows no page related errors. | pass | yes |
| 3 | Go to the application tab in the developer console, select cookies, and select the Provisio website. | There should be cookies for the Provisio domain (other domains can be ignored or filtered out) for loggedIn, email, firstName, lastName, and JWT. The values should be populated and the sameSite policy should be strict. | pass | yes |
| 4 | Refresh the page. | Cookies are still present. | pass | yes |
| 5 | Click the logout link. | The Provisio site related cookies should be cleared from the application tab in the developer console. | pass | yes |
| **Comments** | As my testing went on, everything during this testing went smoothly. Thanks to the developers tool, you’ll be able to see whether any errors occurred or not. Additionally, the various cookies on the site when logged in. | | | |

| Test 6 | **Landing Page** | | | |
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|  | **Test Objective:** | **Developer:**  **Date tested:** 2023/04/08 | **Peer tester: Jessica Phan**  **Date tested:** 2023/04/08 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Return to the landing page. | The landing page no longer shows the personalized greeting, and instead should show a message inviting the user to login. | pass | yes |
| 2 | Go to the application tab in the developer console again, select cookies, and select the Provisio website. | The Provisio site related cookies from the previous test should remain no longer present. | pass | yes |
| 3 | Refresh the page | Page should remain the same and site related cookies should still remain not present. | pass | yes |
| 4 | Go to the registration page, submit an unsuccessful registration, and return to the landing page. | Landing page should not contain any data from the registration attempt. | pass | yes |
| 5 | Go to the login page, submit an unsuccessful login, and return to the landing page. | Landing page should not contain any data from the login attempt. | pass | yes |
| **Comments** | This testing was completed as it was instructed. Each step was completed successfully.. | | | |