Web application development 2:

CW2 Test report

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Test Scope

Functional testing was carried out for the following modules:

1. About us page
2. Menu page
3. Login page
4. Staff page
5. Update page

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| --- | --- | --- | --- | --- |
| **Test ID** | **Action** | **Expected Outcome** | **Status** | **Evidence** |
| 1.1 | Localhost:3000/ | About us page loads. | Ok |  |
| 1.2 | Localhost:3000/main | Menu page loads. | Ok |  |
| 1.3 | Embedded google maps location | Redirect to google maps location in separate tab. | Ok |  |
| 1.4 | Localhost:3000/login | Login authenticator looks for authentication before showing staff page. | Ok |  |
| 1.5 | Localhost:3000/staff | Staff page shown instead of login page due to cookie existing from previous login. | Ok |  |
| 2.1 | Localhost:3000/ | About us page loads. | Ok |  |
| 2.2 | Localhost:3000/main | Dishes are shown, filtered by what menu value has been assigned filtering out dishes which have been marked as available. | Ok |  |
| 2.3 | Localhost:3000/staff | Staff page shown instead of login page due to cookie existing from previous login. | Ok |  |
| 3.1 | Localhost:3000/login | Login form is shown after attempt at accessing staff page without previous username and password authentication. | Ok |  |
| 3.2 | Localhost:3000/logged | Correct login details are entered, cookie is created so login isn’t required to access staff page until cookie expires. | Ok |  |
| 4.1 | Localhost:3000/staff | All dishes shown on staff page regardless of availability value. | Ok |  |
| 4.2 | Localhost:3000/new | New dish is successfully added to the database, being displayed on the staff page as well as the menu page depending on its availability value. | Ok |  |
| 5.1 | Localhost:3000/edit/:id | Update page shown, populating form with the data from the chosen dish to update. | Ok |  |
| 5.2 | Localhost:3000/update | Chosen dish has been updated, updating data shown on both staff page and menu page. | Ok |  |
| 5.2 | Localhost:3000/logout | Cookie is removed requiring authentication through login page to be able to access staff page. | Ok |  |

Summary test Results

The functionality of the about us page works as expected, including the menu page, login page alongside login authentication and cookie creation. The staff page successfully displays all current dishes, and successfully adds dishes to the database. The staff page also successfully updates dishes and updates the details of the dishes shown on the staff and menu pages.

The logout functionality also works perfectly, as a cookie allows the staff page to be accessed from any page of the application due to the cookie being created after the user’s login details have been authenticated, however after using the logout functionality the cookie is removed and the user is routed instead to the login page, where a login must be authenticated to generate a new cookie and gain access to the staff page and its functionality.