WEB APPLICATION DEVELOPMENT 2

Coursework 2 Testing Document

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# **Test Scope**

Functional testing was carried out for the following pages/modules:

1. Home page
2. About page
3. Menu pages (Lunch and Dinner menus)
4. Single dish/dish details page
5. Login

Edit dish page

Add dish page

Edit menu pages (Edit lunch menu, edit dinner menu and unassigned dishes)

1. Logout

## **Test Cases**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Test ID** | **Action** | | **Expected Outcome** | | **Status** | **Evidence** |
| **1.1** | **localhost:3000**  **(Not logged in)** | | **Home page loads.** | | **OK** |  |
| **1.2** | **localhost:3000/home**  **(Logged in)** | | **Home page loads.** | | **OK** |  |
| **2.1** | **localhost:3000/about**  **(Not logged in)** | | **About page loads.** | | **OK** |  |
| **2.2** | **localhost:3000/aboutus**  **(Not logged in)** | | **About page loads.** | | **OK** |  |
| **3.1** | **localhost:3000/dinner**  **(Not logged in)** | | **Dinner menu page loads.** | | **OK** |  |
| **3.2** | **localhost:3000/dinnermenu**  **(Logged in)** | | **Dinner menu page loads.** | | **OK** |  |
| **3.3** | **localhost:3000/lunch**  **(Not logged in)** | | **Lunch menu page loads.** | | **OK** |  |
| **3.4** | **localhost:3000/lunchmenu**  **(Logged in)** | | **Lunch menu page loads.** | | **OK** |  |
| **4.1** | **localhost:3000/dish/id**  **(id is the ID of a dish)**  **(Not logged in)** | | **Single dish page loads.** | | **OK** |  |
| **4.2** | **localhost:3000/dish/id**  **(id is the ID of a dish)**  **(Not logged in)**  **(User clicks name of dish)** | | **Single dish page loads.** | | **OK** |  |
| **4.3** | **localhost:3000/dishdetails/id**  **(id is the ID of a dish)**  **(Logged in)** | | **Single dish page loads.** | | **OK** |  |
| **4.4** | **localhost:3000/dishdetails/id**  **(id is the ID of a dish)**  **(Logged in)**  **(User clicks name of dish)** | | **Single dish page loads.** | | **OK** |  |
| **5.1** | **localhost:3000/login**  **(Click “login” on the navbar)** | | **Login page loads.** | | **OK** |  |
| **5.2** | **localhost:3000/login**  **(Click login button with no input)** | | **Login page loads, error messages show under both inputs.** | | **OK** |  |
| **5.3** | **localhost:3000/login**  **(Click login button with input in email field)** | | **Login page loads, error message shows under password input.** | | **OK** |  |
| **5.4** | **localhost:3000/login**  **(Click login button with input in password field)** | | **Login page loads, error message shows under email input.** | | **OK** |  |
| **5.5** | **localhost:3000/login**  **(Click login button with email being a random jumble of characters but looks like an email)** | | **Login page loads, error 400 page shows because email doesn’t exist.** | | **OK** |  |
| **5.6** | **localhost:3000/login**  **(Click login button with email being a random jumble of characters)** | | **Login page loads, error message shows under email input.** | | **OK** |  |
| **5.8** | **localhost:3000/login**  **(Click login button with both inputs containing correct details)** | | **Home page loads.** | | **OK** |  |
| **5.9** | **localhost:3000/login**  **(Click “Go home” button)** | | **Login page loads, then home page loads after “Go home” button was clicked.** | | **OK** |  |
| **5.10** | **localhost:3000/editdinner**  **(Not logged in)** | | **Error 403 page loads because user is not logged in.** | | **OK** |  |
| **5.11** | **localhost:3000/editdinner**  **(Logged in)** | | **Edit dinner menu page loads.** | | **OK** |  |
| **5.12** | **localhost:3000/editlunch**  **(Not logged in)** | | **Error 403 page loads because user is not logged in.** | | **OK** |  |
| **5.13** | **localhost:3000/editlunch**  **(Logged in)** | | **Edit lunch menu page loads.** | | **OK** |  |
| **5.14** | **localhost:3000/dish/edit/id**  **(id is the ID of a dish)**  **(Not logged in)** | | **Error 403 page loads because user is not logged in.** | | **OK** |  |
| **5.15** | **localhost:3000/dish/delete/id**  **(id is the ID of a dish)**  **(Not logged in)** | | **Error 403 page loads because user is not logged in.** | | **OK** |  |
| **5.16** | **localhost:3000/dish/delete/id**  **(id is the ID of a dish)**  **(Logged in)** | | **Dish is removed and user is redirected the home page.** | | **OK** |  |
| **5.17** | **localhost:3000/editlunch**  **(Logged in)**  **(“Delete” button is clicked)** | | **Dish is removed and user is redirected the home page.** | | **OK** |  |
| **5.18** | **localhost:3000/editdinner**  **(Logged in)**  **(“Delete” button is clicked)** | | **Dish is removed and user is redirected the home page.** | | **OK** |  |
| **5.19** | **localhost:3000/dish/edit/id**  **(id is the ID of a dish)**  **(Logged in)** | | **Dish edit page shows.** | | **OK** |  |
| **5.20** | **localhost:3000/editlunch**  **(Logged in)**  **(User clicks “Edit” button)** | | **Dish edit page shows.** | | **OK** |  |
| **5.21** | **localhost:3000/editdinner**  **(Logged in)**  **(User clicks “Edit” button)** | | **Dish edit page shows.** | |  |  |
| **5.22** | **localhost:3000/dish/edit/id**  **(id is the ID of a dish)**  **(Logged in)**  **(User clicks “Submit” button on Dish Edit)** | | **Changes are submitted.** | | **OK** |  |
| **5.23** | **localhost:3000/dish/edit/id**  **(id is the ID of a dish)**  **(Logged in)**  **(User clicks “Submit” button with no input)** | | **Error messages show under all inputs apart from checkbox, dish type select, menu select, image and price.** | | **OK** |  |
| **5.24** | **localhost:3000/dish/edit/id**  **(id is the ID of a dish)**  **(Logged in)**  **(User clicks “Submit” button with input in name field)** | | **Error messages show under all inputs apart from name, checkbox, dish type select, menu select, image and price.** | | **OK** |  |
| **5.25** | **localhost:3000/dish/edit/id**  **(id is the ID of a dish)**  **(Logged in)**  **(User clicks “Submit” button with input in name and ingredients)** | | **Error messages show under all inputs apart from name, ingredients, checkbox, dish type select, image and price.** | | **OK** |  |
| **5.26** | **localhost:3000/dish/edit/id**  **(id is the ID of a dish)**  **(Logged in)**  **(User clicks “Submit” button with input in name, ingredients and description)** | | **Error messages show under all inputs apart from name, ingredients, description, checkbox, dish type select, image and price.** | | **OK** |  |
| **5.27** | **localhost:3000/dish/edit/id**  **(id is the ID of a dish)**  **(Logged in)**  **(User clicks “Submit” button with input in name, ingredients, description and allergy information)** | | **Changes don’t submit because no price entered.** | | **OK** |  |
| **5.28** | **localhost:3000/add**  **(Logged in)**  **(User clicks “Submit” button with no input)** | | **Error messages show under all inputs apart from checkbox, dish type select and menu select.** | | **OK** |  |
| **5.29** | **localhost:3000/add**  **(Logged in)**  **(User clicks “Submit” button with input in name field)** | | **Error messages show under all inputs apart from name, checkbox, dish type select and menu select.** | | **OK** |  |
| **5.30** | **localhost:3000/add**  **(Logged in)**  **(User clicks “Submit” button with input in name and ingredients)** | | **Error messages show under all inputs apart from name, ingredients, checkbox, dish type select and menu select.** | | **OK** |  |
| **5.31** | **localhost:3000/add**  **(Logged in)**  **(User clicks “Submit” button with input in name, ingredients and description)** | | **Error messages show under all inputs apart from name, ingredients, description, checkbox, dish type select and menu select.** | | **OK** |  |
| **5.32** | **localhost:3000/add**  **(Logged in)**  **(User clicks “Submit” button with input in name, ingredients, description and image)** | | **Error messages show under all inputs apart from name, ingredients, image description, checkbox, dishtype select and menu select.** | | **OK** |  |
| **5.33** | **localhost:3000/add**  **(Logged in)**  **(User clicks “Submit” button with input in name, ingredients, description, image and allergy information)** | | **Error messages show under all inputs apart from name, ingredients, description, image, allergy information, checkbox, dish type select and menu select.** | | **OK** |  |
| **5.34** | **localhost:3000/add**  **(Logged in)**  **(User clicks “Submit” button with input in all fields)** | | **Dish is added and user is redirected to home page.** | | **OK** |  |
| **5.35** | **localhost:3000/add**  **(Not logged in)** | | **Error 403 page loads because user is not logged in.** | | **OK** |  |
| **5.36** | **localhost:3000/unassigned**  **(Not logged in)** | | **Error 403 page loads because user is not logged in.** | | **OK** |  |
| **5.37** | **localhost:3000/unassigned**  **(Logged in)** | | **Unassigned Dishes page loads** | | **OK** |  |
| **5.38** | **localhost:3000/editlunch**  **(“Unassign Dish” button is clicked)** | | **Dish is moved to “unassigned dishes”.** | | **OK** |  |
| **5.39** | **localhost:3000/unassigned**  **(“Move Dish to Lunch” button is clicked)** | | **Dish is moved to “Lunch menu”.** | | **OK** |  |
| **5.40** | | **localhost:3000/editdinner**  **(“Unassign Dish” button is clicked)** | | **Dish is moved to “unassigned dishes”.** | **OK** |  |
| **5.41** | | **localhost:3000/unassigned**  **(“Move Dish to Dinner” button is clicked)** | | **Dish is moved to “Dinner menu”.** | **OK** |  |
| **6.1** | | **localhost:3000/logout** | | **User is logged out and redirected to the home page.** | **OK** |  |
| **6.2** | | **localhost:3000/logout**  **(User clicks “logout” on the navbar)** | | **User is logged out and redirected to the home page.** | **OK** |  |

## **Summary test results**

The functionality of all pages work as expected. All tests results are as expected, although there was a bug with the edit dish page not showing an error under the price field if no input was detected. All of the login page and all but one of user’s who are logged in tests worked as expected, again the only issue here was that there was a bug with the edit dish page not showing an error under the price field if no input was detected. Finally, the only issue with the web application as stated before, was that there was a bug with the edit dish page not showing an error under the price field if no input was detected.