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Abstract

This document includes all the testing done during the development process

WAD2 Coursework 2

Website Test documentation

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# Test Scope

Functional Testing was carried out for the following modules:

1. Normal User pages testing
2. Protected Route testing
3. Login Page
4. Admin pages testing
5. Menu Control Testing
6. Category Control Testing
7. Dish Control Testing
8. User Control Testing

# Test Cases

## Normal User pages testing PASSED

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test ID | Action | Expected Outcome | Status | Evidence |
| 1.1 | localhost:3000 | Landing Page loads | OK | A restaurant with tables and chairs  Description automatically generated with medium confidence |
| 1.2 | localhost:3000 | Landing Page loads | OK | A restaurant with tables and chairs  Description automatically generated with medium confidence |
| 1.3 | localhost:3000/menu/Lunch | Lunch Page loads | OK | Graphical user interface, website  Description automatically generated |
| 1.4 | localhost:3000 | Landing Page loads | OK |  |
| 1.5 | localhost:3000/menu/Dinner | Dinner page loads | OK | Graphical user interface, website  Description automatically generated |

## Protected Route testing PASSED

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test ID | Action | Expected Outcome | Status | Evidence |
| 2.1 | localhost:3000 | Landing Page loads | OK | A restaurant with tables and chairs  Description automatically generated with medium confidence |
| 2.2 | localhost:3000/loggedIn | Error 403 | OK |  |
| 2.3 | localhost:3000/admin | Error 403 | OK |  |
| 2.4 | localhost:3000/menu/admin/Dinner | Error 403 | OK |  |
| 2.5 | localhost:3000/menu/admin/Lunch | Error 403 | OK |  |
| 2.6 | localhost:3000/newMenu | Error 403 | OK |  |
| 2.7 | localhost:3000/editMenu/Dinner | Error 403 | OK |  |
| 2.8 | localhost:3000/deleteMenu/Dinner | Error 403 | OK |  |
| 2.9 | localhost:3000/newCat | Error 403 | OK |  |
| 2.10 | localhost:3000/editCat/Dinner/Starters | Error 403 | OK |  |
| 2.11 | localhost:3000/deleteCat/Dinner/Starters | Error 403 | OK |  |
| 2.12 | localhost:3000/newDish | Error 403 | OK |  |
| 2.13 | localhost:3000/editDish/Dinner/Starters/Pate | Error 403 | OK |  |
| 2.14 | localhost:3000/deleteDish/Dinner/Starters/Pate | Error 403 | OK |  |
| 2.15 | localhost:3000/admin/register | Error 403 | OK |  |
| 2.16 | localhost:3000/editStaff/admin | Error 403 | OK |  |
| 2.17 | localhost:3000/deleteStaff/admin | Error 403 | OK |  |

## Login Page PASSED

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test ID | Action | Expected Outcome | Status | Evidence |
| 3.1 | localhost:3000 | Landing Page loads | OK | A restaurant with tables and chairs  Description automatically generated with medium confidence |
| 3.2 | http://localhost:3000/login | Login page should work | OK |  |
| 3.3 | Click log in | Prompt to fill in username field | OK |  |
| 3.3 | Enter test into username and click enter | Prompt to fill in password field | OK |  |
| 3.4 | Enter test into password and click enter | Should display no users found | OK |  |
| 3.5 | Enter admin into username field and click enter | Should refresh page since user exists | OK |  |
| 3.6 | Enter admin into password and username field and click enter | Should log in and redirect to admin home page | OK |  |

## Admin Pages Testing PASSED

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test ID | Action | Expected Outcome | Status | Evidence |
| 4.1 | localhost:3000 | Landing Page loads | OK | A restaurant with tables and chairs  Description automatically generated with medium confidence |
| 4.2 | Log in using password admin and username admin at http://localhost:3000/login | Should log in and appear at admin page | OK |  |
| 4.3 | Localhost:3000/loggedIn | Should appear at home page with admin controls still | OK |  |
| 4.4 | /menu/admin/Dinner | Should appear at Dinner menu with admin controls | OK |  |
| 4.5 | /menu/admin/Lunch | Should appear at Lunch menu with admin controls | OK |  |

## Menu Control Testing PASSED

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test ID | Action | Expected Outcome | Status | Evidence |
| 5.1 | localhost:3000 | Landing Page loads | OK | A restaurant with tables and chairs  Description automatically generated with medium confidence |
| 5.2 | Log in using password admin and username admin at http://localhost:3000/login | Should log in and appear at admin page | OK |  |
| 5.3 | Localhost:3000/newMenu | Should appear at new menu form | OK |  |
| 5.4 | Click create menu without field data | Should prompt the new menu name is required | OK |  |
| 5.5 | Enter breakfast and create menu button | Should redirect to admin page with Breakfast now in the nav bar, menu table and home page | OK |  |
| 5.6 | /editMenu/Dinner | Should appear at edit menu page with Dinner in old menu name field | OK |  |
| 5.7 | Click edit menu without field data | Should prompt the new menu name is required | OK |  |
| 5.8 | Enter TEST and click edit menu button | TEST Should now replace Dinner in the nav bar, home page and in the tables for menu, Dinners previous category’s and dishes | OK |  |
| 5.9 | /deleteMenu/Lunch | Should appear at page delete menu page with Lunch in the menu name field | OK |  |
| 5.10 | Click all fields | All should be disabled and unable to edit them | OK |  |
| 5.11 | Click delete menu | Should redirect back to admin page and Lunch should be removed from the nav bar, home page and all tables including Lunch’s categories and Lunch’s dish’s |  |  |

## Category Control Testing PASSED

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test ID | Action | Expected Outcome | Status | Evidence |
| 6.1 | localhost:3000 | Landing Page loads | OK | A restaurant with tables and chairs  Description automatically generated with medium confidence |
| 6.2 | Log in using password admin and username admin at http://localhost:3000/login | Should log in and appear at admin page | OK |  |
| 6.3 | Localhost:3000/newCat | Should direct to new cat page and display form | OK |  |
| 6.4 | Click add category without field data in category name | Should prompt for user to choose menu | OK |  |
| 6.5 | Choose Lunch and click add category | Should prompt user to enter category name | OK |  |
| 6.6 | Enter test into category name field and click add category | Should redirect back to admin page and the new category test should appear in the Lunch menu as well as the categories table under the lunch menu | OK |  |
| 6.7 | localhost:3000/editCat/Lunch/Starters | Should bring up edit category form | OK |  |
| 6.8 | Click Edit category without field data for new category name | Should prompt user to enter data | OK |  |
| 6.9 | Enter TEST into new category name field and click edit data | Should redirect back to admin page with the new category name appearing where Lunch starters was in the lunch menu and category table as well as replaced cat name in dish table | OK |  |
| 6.10 | localhost:3000/deleteCat/Dinner/Mains | Should display delete category form containing Dinner as category menu and Mains as Category name. | OK |  |
| 6.11 | Click all fields | All fields should be disabled and the user unable to edit them | OK |  |
| 6.12 | Click delete category button | Should redirect back to admin page with the Mains category missing in the Dinner table and in the admin page. Should also delete all dishes that were under Dinner mains | OK |  |

## Dish Control Testing PASSED

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test ID | Action | Expected Outcome | Status | Evidence |
| 7.1 | localhost:3000 | Landing Page loads | OK | A restaurant with tables and chairs  Description automatically generated with medium confidence |
| 7.2 | Log in using password admin and username admin at http://localhost:3000/login | Should log in and appear at admin page | OK |  |
| 7.3 | http://localhost:3000/newDish | Should bring up create new dish form | OK |  |
| 7.4 | Click add dish without entering any data | Should prompt user of required fields | OK |  |
| 7.5 | Enter Lunch into Menu and click add dish | Should prompt user to choose category | OK |  |
| 7.6 | Choose starters and click add dish | Should prompt user to enter dish name | OK |  |
| 7.7 | Enter Chicken Tenders and click add dish | Should require user to enter dish price | OK |  |
| 7.8 | Try entering 1.999 into price field and click add dish | Should tell user closest valid price | OK |  |
| 7.9 | Enter 1.99 into price field and click add dish | Should tell user description is required | OK |  |
| 7.10 | Enter Test as description and click add dish | Should tell user to enter if dish is vegetarian or not | OK |  |
| 7.11 | Select no for vegetarian and click add dish | Should tell user to enter if the dish is gluten free or not | OK |  |
| 7.12 | Select Yes for gluten free and click add dish | Should tell user to enter if the dish is currently available or not | OK |  |
| 7.13 | Click yes for available and add dish | Should redirect to admin page with the new dish appearing in the dishes table as well as in the Lunch menu page under starters with a gluten free Circle next to it | OK |  |
| 7.14 | http://localhost:3000/editDish/Lunch/Starters/Chicken%20tenders | Should display edit dish form with the previously entered data for Chicken tenders | OK |  |
| 7.15 | Change dish price to 2.001 and click edit dish | Should tell user closest valid prices | OK |  |
| 7.16 | Enter 2.00 and check the box for dish allergies | New text area should appear for dish allergies | OK |  |
| 7.17 | Enter nuts into the allergies box and select the dish as not gluten free then click edit dish | Should redirect user to admin page and remove the GF circle next to chicken tenders on the lunch menu and change the price as well as warm the user about a nut allergies | OK |  |
| 7.18 | http://localhost:3000/editDish/Lunch/Starters/Chicken%20tenders | Should bring user to edit dish form with the new updated information for chicken tenders | OK |  |
| 7.19 | Uncheck the allergies box and click edit dish | Should redirect back to admin page and the allergie warning should be removed on the lunch menu page | OK |  |
| 7.20 | localhost:3000/deleteDish/Lunch/Starters/Cheese%20toastie | Should display delete dish form to user with the data for cheese toastie dish | OK |  |
| 7.21 | Click all fields and attempt to edit | No fields should be editable | OK |  |
| 7.22 | Click delete dish | Should redirect user back to admin page and cheese toastie should be gone from both the admin page and the lunch menu page | OK |  |

## User Control testing PASSED

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test ID | Action | Expected Outcome | Status | Evidence |
| 8.1 | localhost:3000 | Landing Page loads | OK | A restaurant with tables and chairs  Description automatically generated with medium confidence |
| 8.2 | Log in using password admin and username admin at http://localhost:3000/login | Should log in and appear at admin page | OK |  |
| 8.3 | localhost:3000/admin/register | Should display form to register new user | OK |  |
| 8.4 | Leave all fields blank and click register | Should prompt user to fill in username field | OK |  |
| 8.5 | Enter test into the username field and click register | Should prompt user to fill in a password | OK |  |
| 8.6 | Enter test into the password field and click register | Should prompt user that the password needs to be 8 characters long | OK |  |
| 8.7 | Update the password field to test test and click register | Should redirect user back to login page so they can test the new user | OK |  |
| 8.8 | Enter test into the username field and testtest into the password field and click log in | Should log user in and redirect them to admin page | OK |  |
| 8.9 | http://localhost:3000/editStaff/Jack | Should display edit staff form with User jack data entered | OK |  |
| 8.10 | Leave new password field empty and click edit user | Should prompt user to fill in new password field | OK |  |
| 8.11 | Enter pass1234 into password field | Should redirect user back login page | OK |  |
| 8.12 | Enter username Jack and password pass1234 | Should allow user to log in | OK |  |
| 8.13 | localhost:3000/deleteStaff/Jack | Should take user to user delete page with username jack displaying | OK |  |
| 8.14 | Click username field and try to edit | Should be disabled and unable to be edited |  |  |
| 8.15 | Click delete staff | Should redirect back to admin page where user jack is now removed from the table |  |  |