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| Test Case | Description | Steps | Expected Results | Actual Results | Pass/Fail | Comments |
| TC001 | **Test for Navbar links** | Test the ‘Home” link  Test the ‘New Recipe’ link  Test the ‘Categories’ link | Test should pass | Test passed | Pass |  |
| TC002 | **Test the site is responsive and cross browser compatibility.** | Test the website on different browsers.  Open the website on mobile phones. | Browser and elements should load correctly on all devices. | Test Passed | Pass |  |
| TC003 | **Test for Category Model Creation** | Create a new instance of the category model, set values for required fields, save the instance to the database.  Retrieve the information from the database. | The instance should be successfully saved to the database and when retrieved the data should match. | Test Passed | Pass |  |
| TC004 | **Test for Recipe Model Creation** | Create a new instance of the category model, set values for required fields, save the instance to the database.  Retrieve the information from the database. | The instance should be successfully saved to the database and when retrieved the data should match. | Test Passed | Failed then Passed | Data was being saved correctly and then was being retrieved correctly but the data was not being displayed on the front end. After systematic error testing the front end was changed to accommodate the data fields correctly.  Ref: testing-image-1,testing-image-2.testing-image-3,testing-image-4. |
| TC005 | **Test for Home Page Route** | Make a GET request to the Home page route.  Check the response code is 200 (OK)  Verify that the returned template is “recipe.html”  Verify that the response contains the expected data. | The home page should render correctly displaying a list of recipes. | Test Passed | Pass |  |
| TC006 | **Test for Adding a Category** | Make a POST request to the add category route.  Include the necessary form data.  Check the response status code is 302 (Redirect).  Verify the category has been added to the database by checking the category list or querying the database directly. | After adding a category the user should be redirected to the categories page and the new category should be visible in the list of categories. | Test Passed | Pass |  |
| TC007 | **Test for SideNav Initialization** | Trigger the DOMContentLoaded event.  Check that the SideNav elements have been initialized.  Verify that the SideNav elements are accessible and functional. | The SideNav should initialise without errors and user should be able to interact with it. | Test Passed | Pass |  |
| TC008 | **Test for Recipe Delete Button click handling.** | Trigger the DomContentLoaded event.  Simulate the click event on a recipe delete button.  Check that the delete modal opens.  Verify that the correct recipe ID is passed to the delete URL. | When the recipe delete button is clicked the delete modal should open, and the correct recipe ID should be used in the delete URL. | Test Passed | Pass |  |