PES UNIVERSITY

Department of Computer Science and Engineering

Testing Document

for

Ecommerce Website with Sentiment Analysis

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Testing of various functional requirements:

1. New user registration

Test Case ID	Name of Module	Test Case Description	Pre conditions	Test Steps	Test Data	Expected Results	Actual Result	Test Result
UT-01	User Registration	Successful registration of a new user	User is on the registration page	1.User enters valid username and password 2.User clicks on the register button	Valid username and password (Unique username and password that meets certain criteria) Username: sami@2003 Password: Sami@123	The user is registered successfully, and they are redirected to the landing page where they can login.	The user is registered successfully, and they are redirected to the landing page where they can login.	Pass
UT-02	User Registration	User registration with existing username	User is on the registration page	1.User enters an already existing username with a valid password 2.User clicks on the register button	Existing username is used for registration Username: John Doe Password: JohnDoe@123	User registration should fail due to the existing username and an error message is displayed.	User registration fails due to the existing username and an error message is displayed.	Pass

2. User login

Test Case ID	Name of Module	Test Case Description	Pre conditions	Test Steps	Test Data	Expected Results	Actual Result	Test Result
UT-01	User Login	Successful login of a user	User is registered	User navigates to login page. 1.User enters a registered username and password 2.User clicks on the login button	Valid username and password that is already registered Username: SamiMan Password: Sami@123	The user is successfully logged in	The user is successfully logged in	Pass
UT-02	User Login	Verify that a User cannot log in with an empty username	User is registered	1. Navigate to the login page. 2. Leave the Username field blank. 3. Enter a Valid password in the password field. 4. Click the Login button.	Empty username. Username: Password:123	Error message saying that the entered username cannot be empty	Error message saying that the username or password field cannot be empty	Pass
UT-03	User Login	Verify that a User cannot log in with an empty password	User is registered	1. Navigate to the login page. 2. Enter a valid username. 3. Leave the password field empty 4. Click the Login button.	Empty username. Username: bob Password:	Error message saying that the entered password cannot be empty	Error message saying that the username or password field cannot be empty	Pass

| UT-04 | User Login | Verify that a User cannot log in with an empty username and password | User is registered | 1. Navigate to the login page. 2. Click the Login button. | Empty username. Username: Password: | Error message saying that the username and password field cannot be empty | Error message saying that the username or password field cannot be empty | Pass |
| UT-05 | User login | Verify that a User cannot log in with a valid username and password that do not match. | User is registered | 1. Navigate to the login page. 2. Enter a valid username in the username field. 3. Enter an incorrect password in the password field. 4. Click the Login button. | Valid username and incorrect password. Username;S ami Password:pa ssword | An error message is displayed indicating that the username and password do not match | An error message is displayed indicating that the username and password do not match | Pass |

3. Search Products

Test Case ID	Name of Module	Test Case Description	Pre conditions	Test Steps	Test Data	Expected Results	Actual Result	Test Result
UT-01	Search Products	Successful search of a product	Product already exists	User navigates to search page and enters their requirements	Valid product name and that the product already exists	The product is found	The product is found	Pass

UT-02	Search Products	Verify that the search results are empty when the product doesn't exist	Product is not regisered d	User navigates to search page and enters their requirements	Random string: adfadfflkj	Message showing product doesn't exist	Message showing product doesn't exist	Pass

4. **Sentiment Analysis**

Test Case ID	Name of Module	Test Case Description	Pre conditions	Test Steps	Test Data	Expected Results	Actual Result	Test Result
UT-01	Sentiment Analaysis	Should show the review to be positive/negative/neutral	User is registered so that he can post his review	User goes to product page and adds his comment	Valid product name and that the product already exists	The sentiment of the review what the user has uploaded is shown	The sentiment of the review what the user has uploaded is shown	Pass