Test Plan for "Stars Accessorises" E-Commerce Web-Application

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Table 1: Document version history

Version	Date	Reason for Change
1.0	14-June-2021	Test Plan First version is defined.
1.1	15-June-2021	Test Scenarios are Added.
1.2	17-June-2021	Test cases are added.

GitHub: Stars Accessories Web-Application

1 Introduction

1.1 Purpose

The purpose of this document is to provide a verification represented in the test cases and test scenarios which ensure that what was agreed upon with the stockholders was delivered in which the product ("Stars Accessorises" E-Commerce Web-Application) meets the functional, performance, design, and implementation requirements identified in the SRS document.

1.2 Scope

The testing document for this project describes the testing scenarios which are a high level actions that includes end to end functionalities to be tested and testing cases which are low level actions that include test steps, data and the expected results for testing.

2 Test Scenarios

2.1 Test scenario X

Check Sign Up functionality

2.2 Test scenario XI

Check Sign In functionality

2.3 Test scenario XII

Check Search functionality

2.4 Test scenario XIII

Check Cart functionalities

2.5 Test scenario XIV

Check Admin functionalities

3 Test Cases

3.1 Test Cases for Scenario X

TC ID	Test case description	Test Data	Expected result
TC01	Check system behavior when valid Username, email, password and phone numbers are entered.	Username, Email, Password, Phone number.	Directed to home page.
TC02	Check system behavior when invalid Username or email or password or phone numbers are entered.	Username, Email, Password, Phone number.	Error message indicating where did the error occur pop up.

3.2 Test Cases for Scenario XI

TC ID	Test case description	Test Data	Expected result
TC03	Check system behavior when valid phone number and password are inserted.	Phone number, password.	Directed to home page.
TC04	Check system behavior when invalid phone number and password are inserted.	Phone number, password.	Error message indicating where did the error occur pop up.
TC05	Check if forgot password is functioning.	Phone number, email.	Reset password option is shown after data is verified.

3.3 Test Cases for Scenario XII

TC ID	Test case description	Test Data	Expected result
TC06	Verify that on searching all the products satisfying the search criteria are visible on the search result page	Input search keyword entered by user.	Products that fit the search criteria displayed.
TC07	Verify the more relevant product for the search term is displayed on the top for a particular search term.	Input search keyword entered by user.	Most relevant products are displayed.
TC08	Verify that category pages have a relevant product listed specific to the category.	Input search keyword entered by user.	Product is displayed according to its relevant category.

3.4 Test Cases for Scenario XIII

TC ID	Test case description	Test Data	Expected result
TC09	Check if there is an option to clear single item from cart.	Item or multiple items added to cart.	Item removed from cart.
TC10	Check if there is an option to reset cart and clear all items from cart.	Item or multiple items added to cart.	Cart is reset and empty.
TC11	Check if the total price of all items added to cart is calculated and displayed.	Item or multiple items added to cart.	Total price displayed to user.
TC12	Verify an option exists to checkout.	Item or multiple items added to cart.	User order is registered .

3.5 Test Cases for Scenario XIV

TC ID	Test case description	Test Data	Expected result
TC013	Check if admin can add products to inventory.	Products to be added.	Product added to inventory.
TC14	Check if admin can delete products from inventory.	Products to be deleted.	Product deleted from inventory.
TC15	Check if admin can edit products from inventory.	Products to be edited.	Product edited in inventory.
TC16	Check if admin can view all users, products and orders.	Products and orders to be viewed.	Full view of users, orders and products.