



**SRM**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
(Deemed to be University u/s 3 of UGC Act, 1956)

**School of Computing**

**SRM IST, Kattankulathur – 603 203**

**Course Code: 18CSC206J**

**Course Name: Software Engineering and Project Management**

<b>Experiment No</b>	11
<b>Title of Experiment</b>	Test Cases & Reporting
<b>Name of the candidate</b>	Pulipaka Prabhav
<b>Team Members</b>	M.Sai Praneeth Yadav, CH.Bharadwaj Karthik
<b>Register Number</b>	RA2111032010034
<b>Date of Experiment</b>	17-04-2023

**Mark Split Up**

<b>S. No</b>	<b>Description</b>	<b>Maximum Mark</b>	<b>Mark Obtained</b>
1	Exercise	5	4
2	Viva	5	5
<b>Total</b>		<b>10</b>	<b>9</b>

  
**Staff Signature with date**

**Aim**

To develop the test cases manual with manual test case report for the Fashion E Commerce.

**Team Members:**

<b>S No</b>	<b>Register No</b>	<b>Name</b>	<b>Role</b>
<b>1</b>	<b>RA2111032010034</b>	<b>Pulipaka Prabhav</b>	<b>Rep</b>
<b>2</b>	<b>RA2111032010037</b>	<b>M.Sai Praneeth Yadav</b>	<b>Member</b>
<b>3</b>	<b>RA2111032010047</b>	<b>CH.Bharadwaj Karthik</b>	<b>Member</b>

# Functional Test Cases

Test ID (#)	Test Scenario	Test Case	Execution Steps	Expected Outcome	Actual Outcome	Status	Remarks
TC1	User Login	Valid Login	1. Navigate to the login page 2. Enter valid login credentials 3. Click on login button	User should be successfully logged in to the website		Not Executed	N/A
TC2	User Login	Invalid Login	1. Navigate to the login page 2. Enter invalid login credentials 3. Click on login button	User should not be able to log in and an error message should be displayed		Not Executed	N/A
TC3	Search Functionality	Search for a product	1. Navigate to the homepage 2. Enter a valid product name in the search bar 3. Click on the search button	The website should display all the relevant products for the search term		Not Executed	N/A
TC4	Add to Cart	Add a product to your cart	1. Navigate to a product page 2. Select a product size and quantity 3. Click on the add to cart button	The product should be added to the user's cart		Not Executed	N/A

TC5	Checkout Process	Checkout with valid details	<ol style="list-style-type: none"> <li>1. Navigate to the cart page</li> <li>2. Click on the checkout button</li> <li>3. Enter valid checkout details</li> <li>4. Click on the place order button</li> </ol>	The order should be successfully placed and a confirmation page should be displayed		Not Executed	N/A
TC6	Checkout Process	Checkout with invalid details	<ol style="list-style-type: none"> <li>1. Navigate to the cart page</li> <li>2. Click on the checkout button</li> <li>3. Enter valid checkout details</li> <li>4. Click on the place order button</li> </ol>	The website should display an error message and not place the order		Not Executed	N/A
TC7	Payment Gateway	Payment with valid details	<ol style="list-style-type: none"> <li>1. Navigate to the payment page</li> <li>2. Enter valid payment details</li> <li>3. Click on the pay button</li> </ol>	The payment should be successfully processed and the user should be redirected to the order confirmation page		Not Executed	N/A

# Non-Functional Test Cases

Test ID (#)	Test Scenario	Test Case	Execution Steps	Expected Outcome	Actual Outcome	Status	Remarks
NF 1	Performance	Page load time	1. Access website 2. Navigate to a product page 3. Measure the time taken for the page to load completely	Page should load in 3 seconds		Not Executed	N/A
NF 2	Usability	Mobile Responsiveness	1. Access website from a mobile device 2. Navigate to various pages and features 3. Verify that all pages and features are easily accessible and usable	The website should be fully responsive and easy to use on a mobile device		Not Executed	N/A
NF 3	Security	Login Authentication	1. Enter valid login credentials 2. Intercept the login request using a proxy tool 3. Verify that the login request is encrypted and secure	Login request should be encrypted and secure to protect user data		Not Executed	N/A

NF 4	Compatibility	Browser Compatibility	<ol style="list-style-type: none"> <li>1. Access website from different browsers (Chrome, Firefox, Safari, etc.)</li> <li>2. Navigate to various pages and features</li> <li>3. Verify that all pages and features are displayed correctly and function as expected</li> </ol>	The website should be compatible with all major browsers and function correctly on each		Not Executed	N/A
NF 5	Accessibility	KeyBoard Navigation	<ol style="list-style-type: none"> <li>1. Access website</li> <li>2. Navigate to various pages and features using only the keyboard</li> <li>3. Verify that all pages and features can be accessed and used without a mouse</li> </ol>	The website should be fully accessible via keyboard navigation to accommodate users with disabilities		Not Executed	N/A

Category	Progress Against Plan	Status
Functional	Amber	In-Progress
Performance	Green	Completed
Security	Amber	In-Progress
Compatibility	Amber	In-Progress

Functional	Test Case Coverage (%)	Status
User Registration	100%	Completed
Login/Logout	100%	Completed
Product Search	100%	Completed
Checkout Process	65%	In-Progress
Non-Functional	Test Case Coverage (%)	Status
Performance	100%	Completed
Security	50%	In-Progress
Compatibility	80%	In-Progress
Usability	80%	In-Progress

Result:

Thus, the test case manual and report has been created for the Fashion E Commerce.