Online shopping portal

Stakeholders

1. Customers can shop gods online
2. Manager who takes care of the shopping portal
3. Owners
4. Suppliers who sells the products to the shopping portal
5. Shareholders they buy company's stocks

Functional requirements

Req 1: Member registration

- Every parson can view the store but only the members can buy from the shopping portal.
- The customer needs to register for membership to be member of the website.

Req 2: Item Selection

- Members should be able to validate and confirm their invoice.
- Each member must be able to view placed order status.
- Members can view orders history.

Req 3: Authenticating the payment for shopping's items

- When member validate and confirm their invoice he/she can choose the payments mode.

Req 4: Administrator Control page

- The admin can edit the catalog details
- The admin can add or delete items.
- The admin can set the deals of the day

Nonfunctional requirements

1. The member name should consist only letters
2. Security
3. Availability and Reliability
4. Better component design to get better performance at peak time.
5. Usability

Checklist for Requirements Analysis	Requirements			
	Req 1	Req 2	Req 3	Req 4
Premature design	Yes	Yes	Yes	Yes
Combined requirements	No	No	No	No
Unnecessary requirements	No	No	No	No
Use of non-standard hardware	No	No	No	No
Conformance with business goals	Yes	Yes	Yes	Yes
Requirements ambiguity	No	No	No	No
Requirements realism	No	No	No	No
Requirements testability	Yes	Yes	Yes	Yes

Classification on Faceted approach	Requirements			
	Req 1	Req 2	Req 3	Req 4
System	Yes	Yes	Yes	Yes
User interface	Yes	Yes	No	Yes
Database	Yes	Yes	No	Yes
Communications	No	No	Yes	No

Requirements Validation	
Are the requirements complete?	YES
Are the requirements consistent?	YES
Are the requirements comprehensible?	YES
Are the requirements ambiguous?	NO
Is the requirements document structured?	YES
Are the requirements traceable?	YES
Does the requirements document as a whole?	YES

Requirement 1: Member Registration

Test Case ID	TC1
Test Priority (Low/Medium/ High)	High
Test Title	Register new customer
Description	Test if a new customer is successfully registered with the shopping portal
Pre-condition: User has opened the member registration form	
Test Steps	• Open the Sign-up webpage. • Type in user information • Provide a valid password • Click the Register button
Expected Result	The member successfully registered and recive a confirmation message to his email address
Status (Pass/ Fail)	Pass

Comments	- The tests should fail if invalid input is provided.
	  Example:
	    • The email address should be valid
	    • The age of the user should be minimum of 18 years.

Requirement 2: Item Selection

Test Case ID	TC2
Test Priority (Low/Medium/ High)	High
Test Title	Item Selection
Description	Test if members can validate and confirm their invoice.
Pre-condition: User has logged into his account	
Test Steps	• Login to the member account • Navigate to the member dashboard. • Edit, delete or placed an order. • Click the submit button
Expected Result	The system should respond accordioning to what the member choice.
Status (Pass/ Fail)	Pass
Comments	• The customer must receive a confirmation letter when he/she edit, delete or placed an order.

Requirement 3: Authenticating the payment for shopping's items

Test Case ID	TC3
Test Priority (Low/Medium/ High)	High
Test Title	Payment received
Description	Test if a customer has placed the order by authenticating the transaction made in the end of the process
Pre-condition: User has booked a vehicle previously	
Test Steps	• Choose a product from the shopping portal webpage. • Choose the mode of payment and select the submit button • Enter the payment details required to process the transaction. • Press the Pay button to complete the process.
Expected Result	The payment is completed, and the customer's received a confirmation by email.
Status (Pass/ Fail)	Pass
Comments	

Requirement 4: Administrator Control page

Test Case ID	TC4
Test Priority (Low/Medium/ High)	High
Test Title	Administrate the shopping portal
Description	Test the Admin dashboard.
Pre-condition: Admin in the shopping portal webpage.	
Test Steps	• Login to webpage as an admin. • Edit, delete or modify the catalog. • Set the deals of the day • Click the submit button.
Expected Result	The Admin should be able to edit, delete or modify the catalog and also place the deal of the day.
Status (Pass/ Fail)	Pass
Comments	