

Team F1 - Online Shopping - Test Cases Document

Team Members:

Varun Kerenalli (PES1201801629)

Akhil Eppa (PES1201802026)

Varun Tirthani (PES1201802027)

Test Case ID	Name of Module	Test case description	Pre-conditions	Test Steps	Test data	Expected Results	Actual Result	Test Result
UT_01	Admin Registration Module	To test the admin registration functionality	Access to OS Command Prompt, backend files and python files	1.Start Application 2. Enter Choice 2(Register) 3. Enter details	Username : user1 Password: pass_user1	Registration Successful, Proceed to login. Display login portal	Registration Successful, Proceed to login. Login Portal is displayed	Pass
UT_02	Admin Registration Module	To test alert when admin username already taken	Access to OS Command Prompt, backend files and python files	1.Start Application 2. Enter Choice 2(Register) 3. Enter details	Username : user1	Message Prompt 'Username Already Taken' should be displayed	Message Prompt 'Username Already Taken' is displayed	Pass
UT_03	Admin Login Module	To test admin login functionality	Access to OS Command Prompt, backend files and python files and admin already registered	1.Start Application 2. Enter Choice 1(Login) 3. Enter details	Username : user1 Password: pass_user1	Message Prompt 'Admin Login Successful!' should be displayed and product catalogue and associated options to be	Message Prompt 'Admin Login Successful!' is displayed and product catalogue and associated options are displayed	Pass

						displayed		
UT_04	Admin Login Module	To test incorrect credentials alert during admin login	Access to OS Command Prompt, backend files and python files	1.Start Application 2. Enter Choice 1(Login) 3. Enter details	Username : user1 Password: pass_user 2	Message prompt 'Incorrect Credentials. Try Again!' should be displayed and ask admin to re enter details	Message prompt 'Incorrect Credentials. Try Again!' is displayed and admin is asked to re enter details	Pas s
UT_05	Admin Product Catalog Module	To test whether admin can access the backend product catalog after logging in	Access to OS Command Prompt, backend files and python files and admin must be logged in	1.Start Application 2. Enter Choice 1(Login) 3. Enter correct details 4. Enter choice 1(View Products)	Username : user1 Password: pass_user 1	Backend Product Catalog must be displayed with each product having the details serial number, product ID, product name, current quantity, price and seller's name	Backend Product Catalog is displayed with each product having the details serial number, product ID, product name, current quantity, price and seller's name	Pas s
UT_06	Addition to Product Catalogue Module	To test whether admin can add new products to backend product catalog	Access to OS Command Prompt, backend files and python files and admin must be logged in	1.Start Application 2. Enter Choice 1(Login) 3. Enter correct details 4. Enter choice 2(Add Product) 5. Enter product details 6. Enter	Username : user1, Password: pass_user 1, Product name: Dell Inspiron, Product quantity: 100 Product Price: 55000,	Message Prompt "Product Added Successfully" should be displayed and product should be present in product catalogue	Message Prompt "Product Added Successfully" is displayed and product is present in product catalogue upon verificatio	Pas s

				choice 1(View products) to verify addition	Seller: Cloudtail	upon verification	n	
UT_07	Deletion of Product from Catalogue Module	To test whether admin can delete a product from backend product catalogue	Access to OS Command Prompt, backend files and python files and admin must be logged in	1.Start Application 2. Enter Choice 1(Login) 3. Enter correct details 4. Enter choice 3(Delete Product) 5. Enter product serial to be deleted 6. Enter choice 1(View products) to verify deletion	Username : user1, Password: pass_user 1, Serial Number: 5	Message Prompt "Successfully deleted product from catalogue" should be displayed and product should not be present in product catalogue upon verification	Message Prompt "Successfully deleted product from catalogue" is displayed and product is not present in product catalogue upon verification	Pas s
UT_08	Product Catalogue Modification Module	To test whether admin can modify details of a product in the catalogue	Access to OS Command Prompt, backend files and python files and admin must be logged in	1.Start Application 2. Enter Choice 1(Login) 3. Enter correct details 4. Enter choice 4(Modify Product) 5. Enter product serial to be modified 6. Enter choice 3 to modify price 7. Enter updated price 8. Enter 5 to confirm modification 9. Enter choice 1(View products) to verify	Username : user1, Password: pass_user 1, Serial Number: 4, Modified Price: 17000	Message Prompt "Modification Successful" should be displayed and updated details of product should be present in product catalogue upon verification	Message Prompt "Modification Successful" is displayed and updated details of product is present in product catalogue upon verification	Pas s

				modification				
UT_09	Admin Product Management Module	To test alert when data entered in wrong format (Eg. while adding product enter quantity as 'a')	Access to OS Command Prompt, backend files and python files and admin must be logged in	1.Start Application 2. Enter Choice 1(Login) 3. Enter correct details 4. Enter choice 2(Add Product) 5. Enter product details with 'a' as quantity	Username : user1, Password: pass_user1	Message Prompt 'Incorrect Format' should be displayed and admin should be directed to options menu	Message Prompt 'Incorrect Format' is displayed and admin is directed to options menu	Pas s
UT_10	Admin Product Management Module	To test alert when admin enters invalid option	Access to OS Command Prompt, backend files and python files and admin must be logged in	1.Start Application 2. Enter Choice 1(Login) 3. Enter correct details 4. Enter choice 6(invalid choice)	Username : user1, Password: pass_user1	Message Prompt 'Incorrect Choice' should be displayed and admin should be directed to options menu	Message Prompt 'Incorrect Choice' is displayed and admin is directed to options menu	Pas s
UT_11	Admin Product Management Module	To test alert when admin enters string characters instead of choice number	Access to OS Command Prompt, backend files and python files and admin must be logged in	1.Start Application 2. Enter Choice 1(Login) 3. Enter correct details 4. Enter choice 'one' (invalid choice)	Username : user1, Password: pass_user1	Message Prompt 'Incorrect Format' should be displayed and admin should be directed to options menu	Message Prompt 'Incorrect Format' is displayed and admin is directed to options menu	Pas s
UT_12	Admin Exit Module	To test whether admin is able to exit application successfully	Access to OS Command Prompt, backend files and python files and admin must be logged in	1.Start Application 2. Enter Choice 1(Login) 3. Enter correct details 4.Enter choice 5(Exit)	Username : user1, Password: pass_user1	Admin should exit the application successfully	Admin exits the application successfully	Pas s

UT_13	User Registration Module	To test the user registration functionality	Access to OS Command Prompt	1.Open CMD/Terminal 2.Enter 2 (Register) 3.Enter Required Details	Username : aaa Password: pass123	Registration should be successful	Registration is successful	Pass
UT_14	User Registration Module	To test alert when username already taken	Access to OS Command Prompt	1.Open CMD/Terminal 2.Enter 2 (Register) 3.Enter Required(Repeated) Details	Username : aaa	Message Prompt 'Username Already Taken' should be displayed	Message Prompt 'Username Already Taken' is displayed	Pass
UT_15	User Login Module	To test user login functionality	Access to OS Command Prompt or Terminal	1.Open CMD/Terminal 2.Enter 1 (Login) 3.Enter Required Details	Username : aaa Password: pass123	Message Prompt 'User Login Successful' should be displayed	Message Prompt 'User Login Successful' is displayed	Pass
UT_16	User Login Module	To test user incorrect password functionality	Access to OS Command Prompt	1.Open CMD/Terminal 2.Enter 1 (Login) 3.Enter Required (Wrong)Details	Username : aaa Password: pass124	Message Prompt 'Incorrect Credentials.Try Again!' should be displayed	Message Prompt 'Incorrect Credentials.Try Again!' is displayed	Pass
UT_17	Product Catalog Module	To test whether user can access product catalog	Access to OS Command Prompt and User has logged in	1.Open CMD/Terminal 2.Enter 1 (Login) 3.Enter Required Details 4. Enter 1 (View Products)	Username : aaa Password: pass123	Product catalog must be displayed with name, quantity, price and seller	Product catalog is displayed with necessary attribute details	Pass
UT_18	Cart Addition Module	To test whether user can	Access to OS Command	1.Open CMD/Terminal 2.Enter 1	Username : aaa Password:	Message Prompt 'Successf	Message Prompt 'Successf	Pass

		add items to cart	Prompt and User has logged in and has viewed Product Catalog	(Login) 3.Enter Required Details 4.Enter 1 (View Products) 5.Enter 3(Add Cart)	pass123 Enter The Name Of Product You Wish To Add: Vivo Enter The Quantity You Wish To Add : 1	ully Added Item To Cart' should be displayed	ully Added Item To Cart' is displayed	
UT_19	Cart Addition Module	To test whether the added changes are persisted	Access to OS Command Prompt and User has logged in	1.Open CMD/Terminal 2.Enter 1 (Login) 3.Enter Required Details 4.Enter 1 (View Products) 5.Enter 2(View Cart)	Username : aaa Password: pass123	Updated cart with {'Vivo':1} must be displayed	Updated cart with {'Vivo':1} must be displayed	Pas s
UT_20	Cart Addition Module	To test whether addition of pre-existing product makes any change in quantity	Access to OS Command Prompt and User has logged in	1.Open CMD/Terminal 2.Enter 1 (Login) 3.Enter Required Details 4.Enter 1 (View Products) 5.Enter 3(Add Cart)	Username : aaa Password: pass123 Enter The Name Of Product You Wish To Add: Vivo Enter The Quantity You Wish To Add : 2	Updated cart with {'Vivo':3} must be displayed	Updated cart with {'Vivo':3} is displayed	Pas s
UT_21	Cart Addition Module	To test whether a negative number of products can be added	Access to OS Command Prompt and User has logged in	1.Open CMD/Terminal 2.Enter 1 (Login) 3.Enter Required Details 4.Enter 1 (View Products)	Username : aaa Password: pass123 Enter The Name Of Product You Wish To Add: Vivo	Request to user of the sort, "Please Enter A Quantity Greater than 0"	Request to user of the sort, "Please Enter A Quantity Greater than 0"	Pas s

				5.Enter 3(Add Cart) 6.Enter Product name and quantity	Enter The Quantity You Wish To Add : -10			
UT_2 2	Cart Addition Module	To test whether an item not present in product list can be added	Access to OS Command Prompt and User has logged in	1.Open CMD/Terminal 2.Enter 1 (Login) 3.Enter Required Details 4.Enter 1 (View Products) 5.Enter 3(Add Cart) 6.Enter Product name and quantity	Username : aaa Password: pass123 Enter The Name Of Product You Wish To Add: Oppo Enter The Quantity You Wish To Add : 5	Request to user of the sort, "Item Not Present in Catalogue Try Again "	Request to user of the sort, "Item Not Present in Catalogue Try Again "	Pas s
UT_2 3	Cart Addition Module	To test whether a non-number quantity can be added	Access to OS Command Prompt and User has logged in	1.Open CMD/Terminal 2.Enter 1 (Login) 3.Enter Required Details 4.Enter 1 (View Products) 5.Enter 3(Add Cart) 6.Enter Product name and quantity	Username : aaa Password: pass123 Enter The Name Of Product You Wish To Add: Oppo Enter The Quantity You Wish To Add : xqd	Request to user of the sort, "Please Enter a Number Greater than 0"	Request to user of the sort, "Please Enter a Number Greater than 0"	Pas s
UT_2 4	Cart Modification Module	To test whether the modified product is not repeated or added	Access to OS Command Prompt and User has logged in	1.Open CMD/Terminal 2.Enter 1 (Login) 3.Enter Required Details 4.Enter 1 (View Products)(item:Vivo-5) 5.Enter	Username : aaa Password: pass123 Enter The Name Of Product You Wish To Modify: Vivo Enter The Quantity	A singular item 'Vivo' is present in quantity 10	A singular item 'Vivo' is present in quantity 10	Pas s

				4.(Modify Cart) 6.Enter Product name and quantity 7.Enter 1 (View Products)	You Wish To Add : 5			
UT_25	Cart Modification Module	To test whether an item not present in the cart can be modified	Access to OS Command Prompt and User has logged in	1.Open CMD/Terminal 2.Enter 1 (Login) 3.Enter Required Details 4.Enter 1 (View Products)-ensure it is empty 5.Enter 4.(Modify Cart) 6.Enter Product name and quantity	Username : aaa Password: pass123 Enter The Name Of Product You Wish To Modify: Vivo Enter The Quantity You Wish To Add : 5	Alerts the user that item is not present in cart	Alerts the user that item is not present in cart	Pas s
UT_26	Checkout Module	To test whether cart is emptied after checkout	Access to OS Command Prompt and User has logged in	1.Open CMD/Terminal 2.Enter 1 (Login) 3.Enter Required Details 4.Enter 1 (View Products) 5.Enter 6.(Checkout) 7 Enter 2 (View Cart	Username : aaa Password: pass123	Lists items in Cart and deletes cart. Cart when viewed is Now Empty	Lists items in Cart and deletes cart. Cart when viewed is Now Empty	Pas s
UT_27	Checkout Module	To test whether stock limit is breached during checkout	Access to OS Command Prompt and User has logged in	1.Open CMD/Terminal 2.Enter 1 (Login) 3.Enter Required Details 4.Ensure Products currently	Username : aaa Password: pass123 Username :bbb Password: bbb	Mentions to the user that current Stock of the item in cart is less than in the inventory	Mentions to the user that current Stock of the item in cart is less than in the inventory	Pas s

				present in cart are out of stock as they are checked out by another user 5.Enter 6(Checkout) 7 Enter 2 (View Cart				
UT_28	Checkout Module	To test whether an empty cart can be checked out	Access to OS Command Prompt and User has logged in	1.Open CMD/Terminal 2.Enter 1 (Login) 3.Enter Required Details 4.Ensure no products present in cart 5.Enter 6(Checkout) 7 Enter 2 (View Cart	Username : aaa Password: pass123	Mentions to the user that checkout is not possible when no items are present in the cart	Mentions to the user that checkout is not possible when no items are present in the cart	Pas s
UT_29	Checkout Module	To test whether multiple inconsistencies in cart are displayed	Access to OS Command Prompt and User has logged in	1.Open CMD/Terminal 2.Enter 1 (Login) 3.Enter Required Details 4.Ensure Items over stock are present and Items not in stock present in cart 5.Enter 6(Checkout) 7 Enter 2 (View Cart	Username : aaa Password: pass123	Alerts the user that multiple items are not in stock or are over stock and does not generate bill and does not reduce checkout successfully	Alerts the user that multiple items are not in stock or are over stock and does not generate bill and does not reduce checkout successfully	Pas s
UT_30	User Logout Module	To test whether user can logout successfully	Access to OS Command Prompt and User has	1.Open CMD/Terminal 2.Enter 1 (Login) 3.Enter	Username : aaa Password: pass123	Message Prompt 'Logged Out Successfu	Message Prompt 'Logged Out Successfu	Pas s

			logged in	Required Details 4. Enter 6 (Logout)		lly' must be displayed	lly' is displayed	
--	--	--	-----------	---	--	------------------------------	----------------------	--