

Software Engineering Experiment 7

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Project Name	MirrorBall
Reference Document	Project Functional Requirement Specification , Version 1
Created by	Jigar Siddhpura, Aman Nambisan, Falguni Parmar
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Test scenario ID	Requirement-reference document index	Test scenario description	Importance	No. of test cases
TS_01	3.2.1	validate if the user is able register and login using email and password and also updating their personal details	High	
TS_02	3.2.1	Validate if user is able to view and add products to cart in addition to being able to view their order history and tracking status of current orders.	High	
TS_03	3.2.2	Validate if seller is able to add, update and remove products from his/her catalogue	High	
TS_04	3.2.3	Validate if admins are able to view the transactions	High	
TS_05	3.2.5	Validate if admins can view the analytics and generate reports	Medium	

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Test case ID	Test Objective	Precondition	Steps:	Test data	Expected result	Post-condition
TC_01_1	Successful customer login to the Mirrorball website	1. A valid Mirrorball User account for login to be available 2. Mirrorball site is launched on a compatible browser	1. In the login Panel, enter the username	"A valid username"	The user is logged in successfully.	For first time users, personal information is displayed.
			2. Enter the Password for the User account in the password field	"A valid Password"		
			3. Click "Login" button			
TC_01_2	Error message on unsuccessful customer login to Mirrorball website	1. A valid Mirrorball User name for login to be available 2. Mirrorball site is launched on a compatible browser	1. In the login Panel, enter the username	"A valid username"	The user is not logged in to the Mirrorball website and an error message is displayed - "Your password is incorrect"	The user is given the option to recover the password by clicking on the "Forgot password?" button.
			2. Enter the Password for the Mirrorball account in the password field	"An invalid Password"		
			3. Click "Login" button			
TC_01_3	Error message on unsuccessful customer login to Mirrorball website due to absence of account	1. An invalid Mirrorball User name for login to be available 2. Mirrorball site is launched on a compatible browser	1. In the login Panel, enter the username	"An invalid username"	The user is not logged in to the Mirrorball website and an error message is displayed - "This account does not exist"	The user is prompted to create a Mirrorball user account.

			2. Enter the Password for the Mirrorball account in the password field	"An invalid Password"		
			3. Click "Login" button			
TC_01_4	First time user login-information display check	1. A valid Mirrorball User name for login to be available 2. Mirrorball site is launched on a compatible browser	1. In the login Panel, enter the username	"A valid username"	The user is logged in successfully and the personal information page is displayed	These fields are grayed out and cannot be modified
			2. Enter the Password for the Mirrorball-User account in the password field	"A valid Password"	Check if the following fields are disabled for entry in Personal Details: 1. Customer ID 2. First name 3. Last name 4. Address 5. Phone No 6. Date of Birth	
			3. Click "Login" button			
			4. Check the fields on the "Personal information Page"			
TC_01_5	Personal details- modification with valid values- "First Name"	1. Mirrorball site is launched on a compatible browser and a Mirrorball User account holder is logged in to the site	1. Check the fields on the "Personal information Page"	"A valid new value for the first name field"	The first name field needs to now show the new value entered	The database is updated with the new details of the user.
			2. Change the field, "First Name" with enter a valid new name in this field			
			3. Click on "Save"			

TC_02_1	Check the current cart details	1. Mirrorball site is launched on a compatible browser and a Mirrorball User account holder is logged in to the site. 2. User has added products to his/her Cart.	Click on the Cart icon displayed at the top right corner of the page	The product data stored in the database for the logged in user (non-empty value)	The user's added products are displayed on the screen	1. The user can go to checkout and buy the items in the cart by clicking on the "Checkout" button. 2. The user is given a button on the bottom of the Cart page - "Add products to your Cart from your wishlist" which will redirect to the user's wishlist.
TC_02_2	Check the current cart details without having add any product yet	1. Mirrorball site is launched on a compatible browser and a Mirrorball User account holder is logged in to the site 2. User has not added any products to the cart. 3. Previously added products to the cart, if any, have been sent to Checkout.	Click on the Cart icon displayed at the top right corner of the page	The product data stored in the database for the logged in user (empty value)	The message "No products in the Cart right now"	1. The "Checkout" button will be disabled. 2. A prompt would be displayed on clicking the "Checkout" button - "Add products to your Cart to go to Checkout :)" 3. The user is given a button on the bottom of the Cart page - "Add products to your Cart from your wishlist" which will redirect to the user's wishlist.
TC_02_3	Check the order history of the user	1. Mirrorball site is launched on a compatible browser and a Mirrorball User account holder is logged in to the site 2. User has made purchases from the site.	Click on the Orders icon displayed at the top right corner of the page	The order data stored in the database for the logged in user (empty value)	1. All the delivered orders' of the logged in User are displayed in a timely fashion. 2. Undelivered orders are displayed with the option of tracking.	1. The user can click on the delivered orders to view more details about the same. 2. The user can click on the "Track" button beside the undelivered orders to track their delivery status.
TC_03_1	Check if seller can add product(s) to his/her catalogue	1. Mirrorball site is launched on a compatible browser and a Mirrorball Seller account holder is logged in to the site.	Click on the "My Catalogue" icon on the top right corner of the page.	Valid data for the new product	The product data is saved in the database.	The product will be displayed to the users.
			Click on the "Add product" button under the dropdown.			

			Fill the form to add the details of the new product and click on the "Save" button.			
TC_03_2	Check if seller can update product(s) in his/her catalogue	1. Mirrorball site is launched on a compatible browser and a Mirrorball Seller account holder is logged in to the site. 2. User has at least one product in his/her catalogue	Click on the "My Catalogue" icon on the top right corner of the page.	Valid updated data for an existing catalogue product	The product data is updated in the database	The product will be displayed to the users with its updated information.
			Click on the "View catalogue" button under the dropdown.			
TC_03_3	Check if seller can remove product(s) his/her catalogue	1. Mirrorball site is launched on a compatible browser and a Mirrorball Seller account holder is logged in to the site. 2. User has at least one product in his/her catalogue	Click on the "My Catalogue" icon on the top right corner of the page.	Valid data for an existing catalogue product	The product data is deleted from the database	The product will no longer be displayed to the users.
			Click on the "View catalogue" button under the dropdown.			
TC_04_1	Validate if an admin is able to view the transactions	1. Mirrorball website is launched on a compatible browser 2. An admin user account is available for login	In the login panel, enter the admin username "admin"	Valid admin username: "admin"	The admin user should be able to view the transactions table, which includes the following columns: transaction ID, customer name, date, and total amount.	The admin user is logged out of the system or remains logged in, depending on the test case design.
			Enter the valid password for the non-admin user account in the password field.	Valid admin password: "mypassword"		
			Click the "Login" button.			
			Once the admin user is logged in, navigate to the "Transactions" tab.			
			Verify that the admin is able to view the transactions table.			

TC_04_2	Validate if a non-admin user is restricted from viewing the transactions	1. Mirrorball website is launched on a compatible browser 2. An non-admin account is available for login	In the login panel, enter the non-admin username "user1".	Valid non-admin username: "user1"	The non-admin user should not be able to view the transactions table and an error message should be displayed stating that the user is not authorized to view the transactions.	The non-admin user is logged out of the system or remains logged in, depending on the test case design.
			Enter the valid password for the admin user account in the password field.	Valid non-admin password: "mypassword"		
			Click the "Login" button.			
			Once the non-admin user is logged in, check if the user is unable to navigate to the "Transactions" tab and is unable to view the transactions table.			
TC_04_3	Validate if an admin user is able to search for a specific transaction	1. Mirrorball website is launched on a compatible browser 2. An admin user account is available for login 3. Transactions have been made on the website	In the login panel, enter the admin username "admin"	Valid admin username: "admin"	The admin user should be able to search for a specific transaction by transaction ID or customer name and view the filtered table.	The admin user is logged out of the system or remains logged in, depending on the test case design.
			Enter the valid password for the non-admin user account in the password field.	Valid admin password: "mypassword"		
			Click the "Login" button.			
			Enter a transaction ID or customer name in the search bar.			
			Verify that the transaction table is filtered to show only the transactions that match the search criteria.			
TC_05_1	Verify if admin user is able to view analytics and generate reports	1. Mirrorball website is launched on a compatible browser 2. An admin user account is available for login and is logged in	Navigate to the Analytics section of the Mirrorball website.	Admin user with appropriate privileges	The report is generated successfully.	The report is displayed on the screen and is available for download.

			Click on the "Generate Report" button.	Date range for generating the report	The report contains the required analytics data.	
			Select the desired date range for the report.			
			Click on the "Generate" button to generate the report.			
TC_05_2	Verify if a non-admin user is unable to view analytics and generate reports.	1. Mirrorball website is launched on a compatible browser 2. A non-admin account is available for login and is logged in	Navigate to the Analytics section of the Mirrorball website.	Non-admin user with appropriate privileges	The user is unable to generate the report.	The user is redirected back to the Analytics section of the website.
			Click on the "Generate Report" button.	Date range for generating the report	An error message is displayed, stating that the user does not have the required privileges.	
			Try to select the desired date range for the report.			
			Click on the "Generate" button to generate the report.			
TC_05_3	Verify if admin user is able to view analytics without generating reports.	1. Mirrorball website is launched on a compatible browser 2. An admin user account is available for login and is logged in	Navigate to the Analytics section of the Mirrorball website.	Admin user with appropriate privileges	The user is able to view the analytics data without generating a report.	The user is still in the Analytics section of the website.
			View the analytics data.			