















Test Case ID	Overview	Steps	Expected Outcome	Accepted Output	Result (Pass / Fail)
TC-01	Create Account as a Business User	<ol style="list-style-type: none"> 1. Open the website and click the Business User Button. 2. Enter a valid email, display name, and password. 3. Click the 'Create Account' button. 	 The system creates the account and redirects the user to the Login Page.	The user is successfully registered and lands on the Login Page.	 Pass
TC-02	Login as Business User	<ol style="list-style-type: none"> 1. Open the Business User End Login page. 2. Enter a valid Business User email and password. 3. Click 'Sign in'. 	 Business user logs in successfully and is redirected to the "Review Categories Page".	The user log in successfully and redirected to the "Review Categories Page".	 Pass
TC-03	View All End Users Review as a Business User	<ol style="list-style-type: none"> 1. Log in as a Business User. 2. Navigate to the "Customer Review and Ratings" 3. View All End Users Reviews. 	 A list of all End Users Reviews, and their details is displayed on the screen.	The user sees a table with all End users Reviews and their details on screen.	 Pass
TC-04	System Error When Viewing Users	<ol style="list-style-type: none"> 1. Log in as a Business User. 2. Navigate to the Customer Review and Ratings. 3. Try to fetch users while the system is experiencing issues. 	 The system shows an error message: 'Server Error retrieving users. Please try again later.'	The user sees a message: 'Server Error retrieving users. Please try again later.'	 Pass
TC-05	Register with Missing Information	<ol style="list-style-type: none"> 1. Open the Sign-Up page. 2. Leave one or more required fields empty (e.g., email or password). 3. Click 'Create Account'. 	 The system shows an error message: "All fields are required."	The user sees an alert: 'All fields are required.'	 Pass
TC-06	Register with an Already Registered Email	<ol style="list-style-type: none"> 1. Open the Sign-Up page. 2. Enter an email that is already used. 3. Click 'Create Account'. 	 The system shows an error message: 'Email is already registered.'	The user sees an alert: 'Email is already registered.'	 Pass
TC-07	Login with Incorrect Password	<ol style="list-style-type: none"> 1. Open the Login page. 2. Enter a correct email but the wrong 	 The system shows an error message: 'Invalid credentials fields'.	The user sees an alert: 'Invalid credentials fields'.	 Pass

		password. 3. Click 'Sign In'.			
TC-10	Sign In End User Without Email	1. Attempt to Sign In an end user without providing an email.	✗ The system shows an error message: "Please Enter a Valid Email Address"	The user sees an alert: " Please Enter a Valid Email Address."	✓ Pass
TC-11	Sign In End User That Does Not Exist	1. Enter an email that is not registered. 2. Click Sign In.	✗ The system shows an error message: "Not found or inactive."	The user sees an alert: "Not found or inactive."	✓ Pass
TC-12	Sign In End User Who Has Already Submitted a Review	1. Enter a valid email. 2. Click the Sign In button. 3. The system detects an existing review.	✗ The system shows an error message: "Already submitted a review!"	The user sees an alert: "Already submitted a review!"	✓ Pass
TC-13	Successfully Sign In an End User	1. Enter a valid email. 2. Click the Sign In button.	✓ The system confirms Sign In is successful. And redirect to Overall Rating & Reviews Form.	The user successfully Sign In and lands on the Overall Rating & Reviews Form.	✓ Pass
TC-14	End User Sign In but cancel	1. Enter a valid email. 2. Click the Cancel button.	✗ The system does not confirm Sign In. And redirect to User Home Page.	The user does not Sign In and lands on the User Home Page.	✓ Pass
TC-15	Create a Review Category with Missing Fields	1. Open the Add Category form. While clicking on ADD CATEGORIES button. 2. Enter a category name but leave the description empty. 3. Click Add button.	✗ The system shows an error message: "All fields are required."	The user sees an alert: " All fields are required."	✓ Pass
TC-16	Create a Review Category with Valid Data	1. Open the Add Category form. While clicking on ADD CATEGORIES button. 2. Enter a category name and description. 3. Click Add button.	✓ The system creates the category and returns to a Review Categories Page.	The user sees the review categories created and redirects to the Review Categories Page.	✓ Pass
TC-17	System Fails While Creating a Category	1. Open the Add Category form. 2. Enter valid details. 3. Click Add when the system is not working.	✗ The system should show an error: "Something went wrong. Try again later."	The user sees an alert: "Something went wrong. Try again later."	✓ Pass
TC-18	View All Available Categories	1. Log in as a Business User. 2. Go to Page - Review Categories.	✓ The system should display all categories.	The user sees a list of available categories	✓ Pass

TC-19	Try to Edit a Category Without Filling Any Details	1. Open the Edit Category form. While clicking on the Edit Button from Action. 2. Leave all fields blank. 3. Click Save.	✗ The system should show an error: "All fields are required."	The user sees an alert: "All fields are required."	✓ Pass
TC-20	Edit a Category Successfully	1. Open the Edit Category form. While clicking on the Edit Button from Action. 2. Change the category name or description. 3. Click Save.	✓ The system should save the changes and redirects to the Review Categories Page.	The user sees the review categories updated and redirects to the Review Categories Page.	✓ Pass
TC-21	Delete a Category Successfully	1. Click on the Delete button from Action of a particular category. 3. Click Delete, and it delete the Categories.	✓ The system should delete the category and remove the category from the table.	The user should delete the category and remove the category from the table.	✓ Pass
TC-22	Delete a Category Successfully but clicked cancel button.	1. Click on the Delete button from Action of a particular category. 3. Click the Cancel button and redirect to the Review Categories Page.	✗ The system should cancel the delete and redirects to the Review Categories Page.	The user should cancel the delete category and redirect to the Review Categories Page.	✓ Pass
TC-23	Using Status Filters	1. Click on the Status filter and select the status All /Active / In Active.	✓ The System should filter the respective status and show the categories in the Review categories Page.	The User should filter the status, and it will filter out the respective status and shown in the Review Categories Page.	✓ Pass
TC-24	Open Business User Profile Page	1. Log in as a Business User. 2. Click on Profile. 3. The profile page should open.	✓ The user should see their name, email, and role.	The user successfully sees their name, email, and role.	✓ Pass
TC-25	Sidebar is Visible & Fixed	1. Open the profile page. 2. Look at the left side of the screen.	✓ The sidebar should always be visible.	The sidebar remains visible and does not move.	✓ Pass
TC-26	Profile Page Loads Without User Data	1. Open the profile page without logging in. 2. The system should handle this case.	✗ The page should not open. Redirect to Log In Page.	The page redirects to log in page.	✓ Pass
TC-27	Open the Dashboard Page	1. Log in and go to the Dashboard. 2. The page should load properly.	✓ The sidebar, header, and "Coming Soon" message should be visible.	Everything loads correctly.	✓ Pass

TC-28	Check "Coming Soon" Message	1. Open the Dashboard. 2. Look at the center of the screen.	✓ The message "Coming Soon! We're cooking up something extraordinary just for you. Stay tuned for the magic to unfold." Should appear.	The message appears as expected.	✓ Pass
TC-29	Open Customer Review Management Page	1. Log in as a Business User. 2. Click on Customer Review & Ratings. 3. The page should load properly.	✓ The review table, search bar, and filter options should be visible.	The page loads correctly and shows the review table, search bar, and filter options.	✓ Pass
TC-30	Fetch Reviews from Backend	1. Open the Customer Review & Ratings. 2. The system should retrieve data from the backend.	✓ The system should fetch all customer reviews from the database and display them.	Reviews load correctly from the backend.	✓ Pass
TC-31	Check Sidebar & Header Visibility	1. Open the Customer Review & Ratings. 2. Look at the sidebar (left) and header (top).	✓ Both the sidebar and header should always be visible.	The sidebar and header remain fixed and visible.	✓ Pass
TC-32	Submit a New Review by End User	1. Sign in as a customer. 2. Enter a rating and review. 3. Click Submit Review.	✓ The review should be saved in the database and appear in the business user's Customer Review & Ratings page.	The review is successfully saved and displayed in the Customer Review & Ratings page.	✓ Pass
TC-33	Search for a Customer's Review	1. Type a customer's name in the search bar. 2. Press Enter.	✓ Only reviews related to the entered name should appear.	The search works and filters reviews correctly.	✓ Pass
TC-34	Sort Reviews by Date Created	1. Click the Sort By dropdown. 2. Select Date Created.	✓ The newest reviews should appear first.	The reviews are sorted correctly by date.	✓ Pass
TC-35	Sort Reviews by Rating (High to Low)	1. Click the Sort By dropdown. 2. Select Rating High to Low.	✓ The highest-rated reviews should appear first.	The reviews are sorted correctly by Ratings.	✓ Pass
TC-36	Sort Reviews by Rating (Low to High)	1. Click the Sort By dropdown. 2. Select Rating Low to High.	✓ The lowest-rated reviews should appear first.	The reviews are sorted correctly by Ratings.	✓ Pass
TC-37	Filter Reviews by Response Status	1. Click the Filter By dropdown. 2. Select Sent or Unsent.	✓ Only the selected category of reviews should be displayed.	The filter works correctly.	✓ Pass
TC-38	Prevent Unauthorized Users from	1. Try to open the review page without logging in.	✗ The system should show an error. And redirect to the Log In page.	The system blocks unauthorized access. And redirect to the Log In page.	✓ Pass

	Accessing Reviews	2. The system should restrict access.			
Tc-39	Filter Reviews by Sent Response	1. Click the Filter By dropdown. 2. Select Sent.	✓ Only reviews that have received a response should be displayed.	The filter works correctly and shows only sent reviews.	✓ Pass
TC-40	Filter Reviews by Unsent Responses	1. Click the Filter By dropdown. 2. Select Unsent.	✓ Only reviews that have NOT received a response should be displayed.	The filter works correctly and shows only unsent reviews.	✓ Pass
TC-41	Search and Sort by Rating (High to Low)	1. Type a customer's name in the search bar. 2. Select Sort by Rating High to Low. 3. The results should be sorted from highest to lowest rating.	✓ Only reviews from the searched customer should appear, sorted by highest rating first.	The search works and displays correct results, sorted by rating.	✓ Pass
TC-42	Filter and Sort by Date	1. Select Filter by Sent Reviews. 2. Select Sort by Date. 3. The results should only show Sent reviews, sorted by date.	Only Sent reviews should appear, sorted by date (newest first).	The filter and sorting work together correctly.	✓ Pass
TC-43	Search and Sort by Date	1. Type a customer's name in the search bar. 2. Select Sort by Date. 3. The results should be sorted by the newest reviews first.	✓ Only reviews from the searched customer should appear, sorted by date.	The search works and displays correct results, sorted by date.	✓ Pass
TC-44	Pagination is Content data	1. Change the pagination and others list of data be shown.	✓ The data list of the reviews be shown in the pagination	The all data of reviews shown correctly.	✓ Pass
TC-45	Filter and Sort by Rating (Low to High)	1. Select Filter by Unsent Reviews. 2. Select Sort by Rating Low to High. 3. The results should only show Unsent reviews, sorted by lowest rating first.	✓ Only Unsent reviews should appear, sorted by lowest rating first.	The filter and sorting work together correctly.	✓ Pass
TC-46	Search, Filter, and Sort Together	1. Type a customer's name in the search bar. 2. Select Filter by Sent Reviews. 3. Select Sort by Rating High to Low.	✓ Only Sent reviews from the searched customer should appear, sorted by highest rating first.	The system correctly applies Search, Filter, and Sort together.	✓ Pass

		4. The results should match all three conditions.			
TC-47	Search, Filter, and Sort Together	1. Type a customer's name in the search bar. 2. Select Filter by Un Sent Reviews. 3. Select Sort by Rating Low to High. 4. The results should match all three conditions.	✓ Only Sent reviews from the searched customer should appear, sorted by lowest rating first.	The system correctly applies Search, Filter, and Sort together.	✓ Pass
TC-48	Search, Filter, and Sort Together	1. Type a customer's name in the search bar. 2. Select Filter by Un Sent Reviews. 3. Select Sort by Date Created. 4. The results should match all three conditions.	✓ Only Sent reviews from the searched customer should appear, sorted by Date Created.	The system correctly applies Search, Filter, and Sort together.	✓ Pass
TC-49	Search, Filter, and Sort Together	1. Type a customer's name in the search bar. 2. Select Filter by All Reviews. 3. Select Sort by Date Created. 4. The results should match all three conditions.	✓ Only Sent reviews from the searched customer should appear, sorted by Date Created.	The system correctly applies Search, Filter, and Sort together and display Customer's Reviews.	✓ Pass
TC-50	Search, Filter, and Sort Together	1. Type a customer's name in the search bar. 2. Select Filter by Sent Reviews. 3. Select Sort by Rating Low to High. 4. The results should match all three conditions.	✓ Only Sent reviews from the searched customer should appear, sorted by Lowest rating first.	The system correctly applies Search, Filter, and Sort together.	✓ Pass
TC-51	Open Chat & Reply Page	1. Log in as a Business User. 2. Click on Chat & Reply 3. The page should load properly.	✓ The review table, search bar, and filter options should be visible.	The page loads correctly and shows the review table, search bar, and filter options.	✓ Pass
TC-52	Fetch Reviews from Backend	1. Open Chat & Reply Page. 2. The system should retrieve data from the backend.	✓ The system should fetch all customer reviews from the database and display them.	Reviews load correctly from the backend.	✓ Pass
TC-53	Check Sidebar & Header Visibility	1. Open Chat & Reply Page.	✓ Both the sidebar and header	The sidebar and header remain fixed and visible.	✓ Pass

		2. Look at the sidebar (left) and header (top).	should always be visible.		
TC-54	Search for a Customer's Review	1. Type a customer's name in the search bar. 2. Press Enter.	✓ Only reviews related to the entered name should appear.	The search works and filters reviews correctly.	✓ Pass
TC-55	Sort Reviews by Date Created	1. Click the Sort By dropdown. 2. Select Date Created.	✓ The newest reviews should appear first.	The reviews are sorted correctly by date.	✓ Pass
TC-56	Sort Reviews by Rating (High to Low)	1. Click the Sort By dropdown. 2. Select Rating High to Low.	✓ The highest-rated reviews should appear first.	The reviews are sorted correctly by Ratings.	✓ Pass
TC-57	Sort Reviews by Rating (Low to High)	1. Click the Sort By dropdown. 2. Select Rating Low to High.	✓ The lowest-rated reviews should appear first.	The reviews are sorted correctly by Ratings.	✓ Pass
TC-58	Filter Reviews by Response Status	1. Click the Filter By dropdown. 2. Select Sent or Unsent.	✓ Only the selected category of reviews should be displayed.	The filter works correctly.	✓ Pass
TC-59	Prevent Unauthorized Users from Accessing Reviews	1. Try to open the Chat and Reply page without logging in. 2. The system should restrict access.	✗ The system should show an error. And redirect to the Log In page.	The system blocks unauthorized access. And redirect to the Log In page.	✓ Pass
Tc-60	Filter Reviews by Sent Response	1. Click the Filter By dropdown. 2. Select Sent.	✓ Only reviews that have received a response should be displayed.	The filter works correctly and shows only sent reviews.	✓ Pass
TC-61	Filter Reviews by Unsent Responses	1. Click the Filter By dropdown. 2. Select Unsent.	✓ Only reviews that have not received a response should be displayed.	The filter works correctly and shows only unsent reviews.	✓ Pass
TC-62	Search and Sort by Rating (High to Low)	1. Type a customer's name in the search bar. 2. Select Sort by Rating High to Low. 3. The results should be sorted from highest to lowest rating.	✓ Only reviews from the searched customer should appear, sorted by highest rating first.	The search works and displays correct results, sorted by rating.	✓ Pass
TC-63	Filter and Sort by Date	1. Select Filter by Sent Reviews. 2. Select Sort by Date. 3. The results should only show Sent reviews, sorted by date.	Only Sent reviews should appear, sorted by date (newest first).	The filter and sorting work together correctly.	✓ Pass
TC-64	Search and Sort by Date	1. Type a customer's name in the search bar. 2. Select Sort by Date. 3. The results should be sorted by the newest reviews first.	✓ Only reviews from the searched customer should appear, sorted by date.	The search works and displays correct results, sorted by date.	✓ Pass

TC-65	Filter and Sort by Rating (Low to High)	<ol style="list-style-type: none"> 1. Select Filter by Unsent Reviews. 2. Select Sort by Rating Low to High. 3. The results should only show Unsent reviews, sorted by lowest rating first. 	<p>✔ Only Unsent reviews should appear, sorted by lowest rating first.</p>	The filter and sorting work together correctly.	<p>✔ Pass</p>
TC-66	Search, Filter, and Sort Together	<ol style="list-style-type: none"> 1. Type a customer's name in the search bar. 2. Select Filter by Sent Reviews. 3. Select Sort by Rating High to Low. 4. The results should match all three conditions. 	<p>✔ Only Sent reviews from the searched customer should appear, sorted by highest rating first.</p>	The system correctly applies Search, Filter, and Sort together.	<p>✔ Pass</p>
TC-67	Search, Filter, and Sort Together	<ol style="list-style-type: none"> 1. Type a customer's name in the search bar. 2. Select Filter by Un Sent Reviews. 3. Select Sort by Rating Low to High. 4. The results should match all three conditions. 	<p>✔ Only Sent reviews from the searched customer should appear, sorted by lowest rating first.</p>	The system correctly applies Search, Filter, and Sort together.	<p>✔ Pass</p>
TC-68	Search, Filter, and Sort Together	<ol style="list-style-type: none"> 1. Type a customer's name in the search bar. 2. Select Filter by Un Sent Reviews. 3. Select Sort by Date Created. 4. The results should match all three conditions. 	<p>✔ Only Sent reviews from the searched customer should appear, sorted by Date Created.</p>	The system correctly applies Search, Filter, and Sort together.	<p>✔ Pass</p>
TC-69	Search, Filter, and Sort Together	<ol style="list-style-type: none"> 1. Type a customer's name in the search bar. 2. Select Filter by All Reviews. 3. Select Sort by Date Created. 4. The results should match all three conditions. 	<p>✔ Only Sent reviews from the searched customer should appear, sorted by Date Created.</p>	The system correctly applies Search, Filter, and Sort together and display Customer's Reviews.	<p>✔ Pass</p>
TC-70	Search, Filter, and Sort Together	<ol style="list-style-type: none"> 1. Type a customer's name in the search bar. 2. Select Filter by Sent Reviews. 3. Select Sort by Rating Low to High. 4. The results should match all three conditions. 	<p>✔ Only Sent reviews from the searched customer should appear, sorted by Lowest rating first.</p>	The system correctly applies Search, Filter, and Sort together.	<p>✔ Pass</p>













TC-71	Open Chat Panel for a Review Response	1. Click the Reply Icon on a review table. 2. The chat panel should open on the right side.	✓ The chat panel should display the selected review and any previous replies.	The chat panel opens correctly.	✓ Pass
TC-72	Fetch Reply Thread for a Review	1. Open the chat panel. 2. The system should retrieve previous replies from the backend.	✓ All past replies should be displayed.	Replies load correctly from the backend.	✓ Pass
TC-73	Send a Reply of the Review to a Customer	1. Open the chat panel. 2. Type a reply. 3. Click the Send button.	✓ The reply should be saved and added to the chat history.	Reply is successfully sent and appears in the panel and also updated in the End User site.	✓ Pass
TC-74	Check if Review Status Updates to Sent After Reply	1. Open a review in the chat panel. 2. Send a reply. 3. Close the chat panel. 4. Check the Response Status column.	✓ The status should change from "Unsent" to "Sent".	The status updates correctly after sending a reply.	✓ Pass
TC-75	Prevent Sending Empty Replies	1. Open the chat panel. 2. Try to send an empty reply. 3. Click Send.	✗ The system should not send the message. The Button be Disable.	The system prevents empty replies. The Button is Disable.	✓ Pass
TC-76	Check If Review and Reply are Displayed Properly	1. Open a conversation with replies. 2. Check message alignment. 3. Business User replies should be on the right, customer Review on the left.	✓ The chat should be properly aligned and formatted.	Correctly displayed and aligned.	✓ Pass
TC-77	Close Chat Panel	1. Open the chat panel. 2. Click the Close (X) button. 3. The panel should close.	✓ The chat panel should disappear, but the user can reopen it.	The chat panel closes correctly.	✓ Pass
TC-78	Check File Attachment Option	1. Click the Paperclip Icon. 2. Try to attach a file (image, PDF, etc.).	✗ The system should not allow file selection and display a preview.	The file attachment option is not working.	✓ Pass
TC-79	Check Dynamic Header Title	1. Navigate to different pages (Categories, Profile, Reviews, etc.). 2. Observe the header title.	✓ The title should change dynamically based on the current page.	Header updates correctly based on the active page.	✓ Pass
TC-80	Logout Functionality	1. Click the Logout Button. 2. Check if the user is logged out and	✓ The user should be logged out, redirected to the Home Page.	Logout works correctly, user is redirected, and token is removed.	✓ Pass

		redirected to the Home Page.			
TC-81	Check Authentication and Redirect	1. Open the application without logging in. 2. Check if the user is redirected to the login page.	✓ If the user is not logged in, they should be redirected to the Login Page.	Users without an authentication token are redirected to Log In Page.	✓ Pass
TC-82	After Logout Backbutton	1. Click the Logout Button. 2. Check if the user is logged out and redirected to the Home Page. 3. Then click on back button.	✓ The user logged out; back button will not work it will redirect to Log In page.	The user logged out; back button will not work it will redirect to Log In page.	✓ Pass
TC-83	Page Loads Successfully	1. Open the website.	✓ The page should load without errors.	The page loads successfully.	✓ Pass
TC-84	Fetch and Display Reviews	1. Open the User Dashboard Page. 2. System fetches Reviews and Ratings from the backend.	✓ Reviews and Ratings should be displayed correctly.	Reviews and Ratings appear as expected.	✓ Pass
TC-85	Show Guest Overall Rating	1. Open the User Dashboard Page. 2. Check the overall guest rating.	✓ The correct rating should be displayed with a label like "Good", "Average", or "Bad".	The rating appears correct with displayed label.	✓ Pass
TC-86	Display Star Ratings	1. Open the User Dashboard Page. 2. Check the star ratings under Ratings & Reviews.	✓ Star ratings should be displayed based on guest ratings.	Star ratings are correctly shown.	✓ Pass
TC-87	Display Total Reviews Count	1. Open the User Dashboard Page. 2. Check the total number of reviews displayed.	✓ The correct number of total reviews should be visible.	The total reviews count appears correctly.	✓ Pass
TC-88	Display Reputation Score	1. Open the User Dashboard Page. 2. Check the Reputation Score box.	✓ The score should be calculated and displayed out of 100.	Reputation score appears correctly.	✓ Pass
TC-89	Fetch Reputation Score from Blockchain	1. Open the User Dashboard Page. 2. The front end requests the Reputation Score stored in Cardano Blockchain. 3. The retrieved data is displayed.	✓ The correct Reputation Score should appear on the UI.	The score fetched and displayed accurately.	✓ Pass
TC-90	Check Reputation Score Format	1. Open the User Dashboard Page.	✓ The score should be displayed	The score appears correctly formatted.	✓ Pass










		2. Observe the format of the Reputation Score.	as a (0-100) with correct rounding.		
TC-91	Show Guest Overall Rating	1. Open the User Dashboard Page. 2. Check the Guest Overall Ratings.	✓ The Ratings be shown of the overall ratings of individual rates bars.	Guest Overall Ratings be shown individual rates bars.	✓ Pass
TC-91	Show Ratings in Different Categories	1. Open the User Dashboard Page. 2. Check ratings for different review categories.	✓ Categories should display correct average ratings with progress bars.	Categories show correct ratings with progress bars.	✓ Pass
TC-92	Filter Review Categories	1. Click the "+ More Categories" button. 2. Check if more categories appear.	✓ Additional categories should appear.	Categories expand as expected.	✓ Pass
TC-93	Collapse Review Categories	1. Click the "Show Less" button. 2. Check if extra categories are hidden.	✓ The page should only display the first categories.	Categories collapse correctly.	✓ Pass
TC-94	Display All Reviews	1. Open the User Dashboard Page. 2. Check the All reviews.	✓ All reviews should show a username, rating, and date with reply of .	All reviews should display a username, rating, and date with reply of.	✓ Pass
TC-95	Display Verified Reviews Count.	1. Open the User Dashboard Page. 2. Check the total number of Verified reviews displayed.	✓ The correct number of Verified reviews should be visible.	The correct number of Verified reviews is visible.	✓ Pass
TC-96	Display Individual Reviews	1. Open the User Dashboard Page. 2. Click on a Review. 2. To Check the Individuals Reviews.	✓ All reviews should show a username, overall rating, overall review, categories wise rating, categories wise review and date.	All reviews should show a username, overall rating, overall review, categories wise rating, categories wise review and date.	✓ Pass
TC-97	See Business Replies to Reviews	1. Open the User Dashboard Page. 2. Check if business replies are shown under reviews.	✓ Business replies should appear under the correct reviews.	Business Replies are displayed correctly under the correct reviews.	✓ Pass
TC-98	Show "More Reviews" Button	1. Click on the "+ More Reviews" button. 2. Verify that additional reviews load as a form.	✓ The page should show more reviews as a form.	The button works as expected and shows more reviews as a form.	✓ Pass
TC-99	Click Write a Review Button	1. Open the User Dashboard Page. 2. Click the "Write A Review" button.	✓ Sign In module should appear.	Sign In module appeared.	✓ Pass
TC-100	Successfully Sign In an End User	1. Enter the user email. 2. Click the Sign In button.	✓ The system confirms Sign In is successful. And	The user successfully Sign In and lands on the	✓ Pass

			redirect to Overall Rating & Reviews Form.	Overall Rating & Reviews Form.	
TC-101	Close Write Review and Rating Modal	1. Open the Write Review and Rating Modal. 2. Click "Cancel".	✓ The modal should close without issues.	The modal closes correctly.	✓ Pass
TC-102	Submit Review with Valid Data	1. Open the Write Review and Rating Modal. 2. Enter a valid rating and review text. 3. Click "Submit". 4. The overall rating is stored in the blockchain.	✓ The Overall Rating should be recorded in Cardano Blockchain and displayed both Rating and Reviews.	Overall Rating is successfully stored and displayed both Rating and Reviews.	✓ Pass
TC-103	Submit Review Without Rating	1. Open the Write Review and Rating Modal. 2. Leave the rating field empty. 3. Click "Submit".	✗ The system should not enable the submit button.	The system did not enable the submit button.	✓ Pass
TC-104	Submit Review Without Text	1. Open the Write Review and Rating Modal. 2. Leave the Overall review field empty. 3. Click "Submit".	✗ The system should not enable the submit button.	The system did not enable the submit button.	✓ Pass
TC-105	Select a star rating	1. Click on a star (1-5). 2. Observe if the star turns highlighted.	✓ The selected star should change color to indicate selection.	Star Color change correctly.	✓ Pass
TC-106	Change the rating	1. Click on another star (higher or lower). 2. Observe if the rating updates.	✓ The new selection should override the previous one.	The new selection overrides the previous one.	✓ Pass
TC-107	Enter a review	1. Click inside the review text boxes. 2. Type a review. 3. Observe if text appears.	✓ The review should be visible and editable.	The review is visible and editable.	✓ Pass
TC-108	Select categories for review	1. Click on one or more categories. 2. Observe if they highlight.	✓ Selected categories should be marked with a check icon.	Selected categories is marked with a check icon.	✓ Pass
TC-109	Deselect a category	1. Click on a selected category. 2. Observe if it gets unselected.	✓ The category should deselect.	Category is deselected.	✓ Pass
TC-110	Try submitting without selecting a category	1. Skip category selection. 2. Click Submit.	✗ An error message should appear: "Please select at least one category before submitting."	Works correctly, error appears "Please select at least one category before submitting."	✓ Pass

TC-111	Rate a category	1. Click on stars for a selected category. 2. Observe if they highlight.	✓ The selected rating should be saved.	The selected rating is saved.	✓ Pass
TC-112	Enter a review for a category	1. Click inside the review box for a category. 2. Type a review. 3. Observe if the text appears.	✓ The review should be visible and editable.	The review is visible and editable.	✓ Pass
TC-113	Submit with all required fields	1. Select overall rating. 2. Write an overall review. 3. Select categories and rate them. 4. Click Submit.	✓ The review should submit successfully.	The review is submitted successfully	✓ Pass
TC-114	Submit without a rating	1. Skip selecting a rating. 2. Write a review. 3. Click Submit.	✗ The submit button should be disabled.	Works correctly, button disabled.	✓ Pass
TC-115	API failure while submitting review	1. Disconnect the internet. 2. Fill the review form. 3. Click Submit.	✗ The Review and Rating should not be Submitted.	The Review and Rating is not Submitted.	✓ Pass
TC-116	Close the modal using "Cancel"	1. Click the Cancel button. 2. Observe if the modal closes.	✓ The modal should close successfully.	The modal is closed successfully	✓ Pass
TC-117	Close the modal after submitting	1. Submit a review. 2. Observe if the modal closes automatically.	✓ The modal should close after successful submission.	The modal is closed after successful submission	✓ Pass
TC-118	Check if the submit button is disabled when fields are incomplete	1. Click the Submit button.	✓ Submit button should be disabled if required fields are missing	✓ Submit button is disabled when required fields are missing.	✓ Pass
TC-119	Ensure the rating UI updates correctly on selection & hover	1. Click, select and hover the Star.	✓ Stars should change color when hovered & selected	Stars changed color when hovered & selected.	✓ Pass
TC-120	Change rating after writing a review	1. Open review adn rating modal 2. Select an overall rating (e.g., 3) 3. Enter an overall review 4. Change rating to a different value (e.g., 5) 5. Click "Submit"	✓ New rating should override previous selection	It work correctly as expected.	✓ Pass

TC-121	Enter very long review text	<ol style="list-style-type: none"> 1. Open review and rating modal 2. Select an overall rating 3. Enter a long review (300+ words) 4. Click "Submit" 	 Review should be submitted without truncation.	Full review is stored.	 Pass
TC-122	Enter special characters in review	<ol style="list-style-type: none"> 1. Open review and rating modal 2. Select an overall rating 3. Enter special characters/emojis in the review 4. Click "Submit" 	 Special characters should be stored correctly	Full review is stored as expected.	 Pass
TC-123	Submit with category selection and review but no rating	<ol style="list-style-type: none"> 1. Open review and rating modal 2. Select a category 3. Enter a category-specific review 4. Do not select a rating 5. Click "Submit" 	 The submit button should be disabled.	Works correctly, button disabled.	 Pass
TC-124	Enter different ratings for overall and category	<ol style="list-style-type: none"> 1. Open review and rating modal 2. Select an overall rating (e.g., 5) 3. Select a category and give a different rating (e.g., 2) 4. Enter reviews for both 5. Click "Submit" 	 Should allow different ratings for overall & category	Works correctly as expected.	 Pass
TC-125	Submit with valid overall rating, selected categories but no category ratings & reviews	<ol style="list-style-type: none"> 1. Open review and rating modal 2. Select an overall rating 3. Enter an overall review 4. Select multiple categories but do not enter category ratings & reviews 5. Click "Submit" 	 The submit button should be disabled.	Works correctly, button disabled.	 Pass
TC-126	Submit with valid overall rating, selected categories with only	<ol style="list-style-type: none"> 1. Open review and rating modal 2. Select an overall rating 3. Enter an overall review 	 Review should be submitted without issue.	Full review is stored.	 Pass

	ratings but no reviews	4. Select multiple categories 5. Provide category ratings but leave reviews empty 6. Click "Submit"			
TC-127	Submit with valid overall rating, multiple categories, but one category has no rating & review	1. Open review and rating modal 2. Select an overall rating 3. Enter an overall review 4. Select multiple categories 5. Provide ratings & reviews for all but one category is left empty 6. Click "Submit"	✗ The submit button should be disabled.	Works correctly, button disabled.	✓ Pass
TC-128	Submit with categories, then remove a category before submission	1. Open review and rating modal 2. Select multiple categories 3. Provide category ratings & reviews 4. Remove one category before submission 5. Click "Submit"	✓ Should submit only the remaining selected categories	Data submitted and stored, but the removed category be not stored.	✓ Pass
TC-129	Select a category, then change rating after writing a review	1. Open review and rating modal 2. Select a category 3. Enter a review 4. Change rating after writing the review 5. Click "Submit"	✓ New rating should override the previous selection	Works correctly, updated rating saved.	✓ Pass
TC-130	Select multiple categories but leave one category without a rating	1. Open review and rating modal 2. Select 3 categories 3. Give ratings to 2 categories but leave 1 without a rating 4. Enter reviews for all categories 5. Click "Submit"	✗ The submit button should be disabled.	Works correctly, button disabled.	✓ Pass
TC-131	Select multiple categories but provide the same rating for all	1. Open review and rating modal 2. Select 3 categories 3. Assign the same rating (e.g., all 5) 4. Enter reviews for all 5. Click "Submit"	✓ Should allow the same rating for all categories	Works correctly, rating and review saved.	✓ Pass

TC-132	Select multiple categories but provide the high rating for all categories But give less rating in the overall rating	<ol style="list-style-type: none"> 1. Open review and rating modal 2. Select 3 categories 3. Assign the high rating for categories (e.g., all 5) 4. Assign the less rating for overall (e.g., 1) 4. Enter reviews for all 5. Click "Submit" 	 Should allow the same rating for all categories	Works correctly, rating and review saved.	 Pass
TC-133	Select multiple categories but enter very short review text for one	<ol style="list-style-type: none"> 1. Open review and rating modal 2. Select 3 categories 3. Assign ratings to all 4. Enter an extremely short review (1 words) for one category and Overall Review. 5. Click "Submit" 	 Review should be stored without truncation	 Works correctly, full text saved	 Pass
TC-134	User starts writing a review but closes the modal before submission	<ol style="list-style-type: none"> 1. Open review and rating modal 2. Enter overall rating and review 3. Select multiple categories & provide ratings/reviews 4. Close the modal without submitting 5. Reopen the modal 	 Previously entered data should still be there	Review data remains intact when reopening	 Pass
TC-135	User navigates to another page and returns to the review modal	<ol style="list-style-type: none"> 1. Open review and rating modal 2. Enter rating, review, and category details 3. Navigate to another page 4. Return to the review page 5. Reopen the modal 	 Review data should be auto saved and restored	Review data remains there.	 Pass

TC-136	User enters an extremely long review	<ol style="list-style-type: none"> 1. Open review and rating modal 2. Enter a 10,000+ character review 3. cancel and reopen the modal 	<input checked="" type="checkbox"/> Review should be fully saved and restored	Review data remains there.	<input checked="" type="checkbox"/> Pass
TC-137	User enters space in overall review long review	<ol style="list-style-type: none"> 1. Open review and rating modal 2. Enter space in overall review 3. Try to open categorized reviews 4. click to submit 	<input checked="" type="checkbox"/> The submit button should be disabled.	Works correctly, button disabled.	<input checked="" type="checkbox"/> Pass
TC-138	Submit and check if data is correctly retrieved later	<ol style="list-style-type: none"> 1. Open review and rating modal 2. Select an overall rating & review 3. Select multiple categories 4. Provide category ratings & reviews 5. Click "Submit" 6. Later, check if the submitted data is correctly displayed 	<input checked="" type="checkbox"/> Submitted data should match displayed data later in the User dashboard.	Data is retrieved accurately in the User dashboard.	<input checked="" type="checkbox"/> Pass
TC-139	Load the Home Page by default	<ol style="list-style-type: none"> 1. Open the Dapp 2. Observe the default landing page 	<input checked="" type="checkbox"/> The Home Page should load	The Home Page appears correctly	<input checked="" type="checkbox"/> Pass
TC-140	Navigate to the Login Page	<ol style="list-style-type: none"> 1. Click the Login button/link 2. Observe the URL and page content 	<input checked="" type="checkbox"/> URL changes to /login <input checked="" type="checkbox"/> Login page loads correctly	Login page appears with fields	<input checked="" type="checkbox"/> Pass

TC-141	Navigate to the Sign-Up Page	1. Click the Sign-Up button/link 2. Observe the URL and page content	<input checked="" type="checkbox"/> URL changes to /signUp <input checked="" type="checkbox"/> Sign-Up page loads correctly	Sign-Up form appears	<input checked="" type="checkbox"/> Pass
TC-142	Navigate to the User Profile Page	1. Click on the Profile section 2. Observe the URL and page content	<input checked="" type="checkbox"/> URL changes to /profile <input checked="" type="checkbox"/> Profile page loads correctly	Business user profile appears	<input checked="" type="checkbox"/> Pass
TC-143	Navigate to the Review Categories Page	1. Click on the Categories section 2. Observe the URL and page content	<input checked="" type="checkbox"/> URL changes to /categories <input checked="" type="checkbox"/> Review categories load correctly	Categories appear properly	<input checked="" type="checkbox"/> Pass
TC-144	Navigate to a User's Review Page	1. Enter /user/companyX in the browser 2. Observe the URL and page content	<input checked="" type="checkbox"/> URL changes to /user/companyX <input checked="" type="checkbox"/> Reviews for companyX load correctly	Reviews displayed properly	<input checked="" type="checkbox"/> Pass
TC-145	Navigate to the Chat Reply Page	1. Click on the Chat Reply section 2. Observe the URL and page content	<input checked="" type="checkbox"/> URL changes to /chatreply <input checked="" type="checkbox"/> Chat interface loads correctly	Review replies appear correctly	<input checked="" type="checkbox"/> Pass
TC-146	Navigate to the Customer Review Ratings Page	1. Click on the Reviews section 2. Observe the URL and page content	<input checked="" type="checkbox"/> URL changes to /reviews <input checked="" type="checkbox"/> Customer review ratings load correctly	Review ratings are visible	<input checked="" type="checkbox"/> Pass
TC-147	Navigate to the Customer Review Ratings Page	1. Click on the Reviews section 2. Observe the URL and page content	<input checked="" type="checkbox"/> URL changes to /reviews <input checked="" type="checkbox"/> Customer review ratings load correctly	Review and ratings are visible	<input checked="" type="checkbox"/> Pass

TC-148	Attempt to bypass login by modifying the URL	1. Enter /dashboard directly in incognito mode	✗ Should not allow access	Redirects to login page	<input checked="" type="checkbox"/> Pass
TC-149	Directly access a page without authentication	1. Enter /profile in the browser 2. Observe the behavior	✗ Should redirect to login if not authenticated	Redirects to login page	<input checked="" type="checkbox"/> Pass
TC-150	Try navigating while offline	1. Load the Dapp 2. Turn off internet 3. Click any navigation link	✗ Navigation should not work without data	Shows a network error	<input checked="" type="checkbox"/> Pass