

RRSS	Version 1.0
System Test Case Definitions	Date: 31/03/2024

RRSS

Test Case Definitions

Test Case ID: 1	Test Description: User logs in/logs out to the system.
Test Name: Login/logout	Test Designed by: Mert Tazeoğlu
Use Case Tested : User shall log in /log out to system	Test Designed Date: 31/03/2024
Test Priority (Low/Medium/High): Medium	Test Executed by:
Module Name:	Test Execution Date:

Pre-conditions:

- User has an existing account with a username and password.
- The system is operational and accessible to the user.

Dependencies:

- Secure authentication mechanisms are in place.
- Session management is correctly implemented to handle login and logout actions.

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	User enters their username and password and submits the login form.	1	The system authenticates the user, and they are directed to their account dashboard or homepage.				
2	User enters an incorrect username or password and submits the login form.	2	The system displays an error message indicating incorrect login details, and the user remains on the login page.				
3	User attempts to log in with an account that has been deactivated or suspended.	3	The system displays a message indicating that the account is inactive or suspended, and access is denied.				
4	Logged-in user clicks the log out button or link.		The user is logged out, their session is ended, and they are redirected to the login page or the homepage.				

Test Data Table

	1	2	3	4	...
Username	ValidUser	ValidUser	InactiveUser		
Password	CorrectPass	WrongPass	CorrectPass		

Post-conditions:

- After successful login, the user has access to their account and associated features.
- Unsuccessful login attempts do not grant access and prompt for re-entry of credentials.
- After logging out, the user should not have access to any account-specific pages without re-logging in.
- Session expiration effectively logs the user out, requiring authentication for further access.

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Test Case ID: 2	Test Description: This test case covers the process of a new user creating an account in the system.
Test Name: Sign Up	Test Designed by: Mert Tazeoğlu
Use Case Tested : User shall register to the system.	Test Designed Date: 31/03/2024
Test Priority (Low/Medium/High): Medium	Test Executed by:
Module Name:	Test Execution Date:

Pre-conditions:

- The user does not already have an account in the system.
- The system is up and running, accessible to the user.

Dependencies:

- A stable internet connection.
- Valid input data for the sign up form.

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	User navigates to the sign up page.	-	The sign up page loads successfully.				
2	User fills in the sign up form with valid data and submits the form.	1	User receives a confirmation message/email, indicating successful registration.				
3	User attempts to sign up with an already used email/username.	2	User receives an error message indicating the email/username is already in use.				
4	User fills in the sign up form with invalid data (e.g., invalid email format) and submits the form.	3	User receives an error message indicating the invalid input and is asked to correct it.				
5	User tries to submit the form without filling in all the required fields.	4	User receives an error message indicating all required fields must be filled.				

Test Data Table

	1	2	3	4	...
Username	NewUser	ExistingUser	TestUser	-	
E-mail	newuser@example.com	existinguser@example.com	notAnEmail	test@example.com	
Password	ValidPass123	-	Password123	-	

Post-conditions:

- Upon successful sign up, the user account is created in the system, and the user can log in with the registered credentials.
- The system database updates to reflect the new user's registration details.
- Unsuccessful sign up attempts do not create a new user account, nor do they affect the system negatively.

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Test Case ID: 3	Test Description: This test case ensures that the user can successfully view their profile details in system.
Test Name: Show Profile	Test Designed by: Mert Tazeoğlu
Use Case Tested : User shall view their profile information after logging in.	Test Designed Date: 31/03/2024
Test Priority (Low/Medium/High): Medium	Test Executed by:
Module Name:	Test Execution Date:

Pre-conditions:

- User must be registered and have a valid account in the system.
- User is logged into the system.

Dependencies:

- Proper authentication and session management mechanisms are in place.
- User profile data is correctly stored and retrievable from the database.

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Logged-in user navigates to the profile page/view.		The profile page/view loads successfully, displaying the user's profile information.				
2	Verify that all expected profile details are present.		User's name, email, and any other relevant profile details are correctly displayed.				
3	Validate the accuracy of the displayed profile information.		All displayed profile details match the information provided by the user at the time of registration or last update.				
4	Check responsiveness of the profile page on different devices/screen sizes (if applicable).		The profile page is responsive and displays correctly across different devices and screen sizes.				

Test Data Table

(Note: No specific test data required for viewing the profile.)

	1	2	3	4	...

Post-conditions:

- User remains logged in after viewing or updating their profile.
- Any changes made to the profile are correctly saved and persist across sessions.
- The system's user database reflects any updates made to the user's profile information.

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Test Case ID: 4	Test Description: This test case ensures that users can edit and save changes to their profile.
Test Name: Edit Own Profile	Test Designed by: Mert Tazeoğlu
Use Case Tested : User shall update their profile information.	Test Designed Date: 31/03/2024
Test Priority (Low/Medium/High): High	Test Executed by:
Module Name:	Test Execution Date:

Pre-conditions:

- User must be registered and have a valid account in the system.
- User is logged into the system and has navigated to their profile edit page.

Dependencies:

- The system correctly authenticates the user and authorizes them to update their profile.
- Profile changes are correctly processed and saved in the database.

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	User accesses the profile edit form/page.	-	The edit profile page loads successfully, displaying current profile information in editable fields.				
2	User modifies pieces of profile information and submits the form.	1	The system validates the updated information and saves the changes. A success message is displayed to the user.				
3	Attempt to update the profile with invalid data.	2	The system displays error messages indicating which fields contain invalid data and prevents submission.				
4	User updates the password (if applicable).	3	The system requires the user to confirm the new password and ask for current password for the verification.				
5	Check the immediate effect of profile updates.	-	Upon successful submission, the user is either redirected to their profile page to view the updated information.				
6	Log out and log back in using any updated credentials (if applicable).	-	If credentials such as the password were changed, the user should be able to log back in with the new credentials.				

Test Data Table

	1	2	3	4	...
Username	NewUser	NewUser	NewUser		
E-mail	newemail@example.com	notanemail	newemail@example.com		
Password	ValidPass123	ValidPass123	ValidPass123		
New Password	-	-	NewPass456		

Post-conditions:

- The user's profile in the system reflects all the updates made by the user.
- Any session or security tokens are updated or remain valid following the profile update.
- If the email or password is changed, any relevant systems (e.g., authentication, notification services) are updated to reflect these changes.

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Test Case ID: 5	Test Description: This test case verifies that administrators can manage accounts, including adding, editing and deleting.
Test Name: Manage User	Test Designed by: Mert Tazeoğlu
Use Case Tested : Administrators can manage user accounts.	Test Designed Date: 31/03/2024
Test Priority (Low/Medium/High): Medium	Test Executed by:
Module Name:	Test Execution Date:

Pre-conditions:

- The tester has administrative access to the system.
- The system is functioning and accessible.

Dependencies:

- User data is correctly handled and stored in the database.
- Administrative actions are correctly authorized and executed.

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Admin navigates to the "Add User" section.	-	The "Add User" form is displayed.				
2	Admin fills in the details for a new user and submits the form.	1	The system validates the input and adds the new user to the database. A success message is displayed.				
3	Admin selects an user from the list.	-	User details are displayed with an option to edit.				
4	Admin modifies the necessary user details and submits changes.	2	The system validates and saves the changes. A success message confirms the update.				
5	Admins selects a user and confirms the deletion.	3	The system permanently removes the user account from the database. A message is displayed.				
6	Admins selects a user and confirms the suspend.	4	The user's account status is updated to suspended and a success message displayed.				
7	Admins selects a user and completes the password reset action.	5	The system processes the reset, and user's password is updated. A success message is displayed, and optionally, a notification is sent to user.				

Test Data Table

	1	2	3	4	5
Username	NewUser	UserToEditAccountDetails	UserTo Delete	UserTo Suspend	UserTo ResetPw
E-mail	newuser@example.com	-	-	-	-
Password	Password123	-	-	-	-
New e-mail	-	userchange@example.com	-	-	-

Post-conditions:

- After adding a user, the new user is listed in the manage users section.
- Edited user details are updated in the system and reflected in the user's profile.
- Deleted user accounts no longer appear in the user management interface or database.
- Suspended users cannot access the system, while activated users can.
- Users whose passwords were reset receive a notification (if applicable) and must use the new password for subsequent logins.

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Test Case ID: 7			Test Description: This test case ensures that the system correctly displays detailed product details.				
Test Name: Show Product			Test Designed by: Mert Tazeoğlu				
Use Case Tested : Users can view detailed information about products.			Test Designed Date: 31/03/2024				
Test Priority (Low/Medium/High): High			Test Executed by:				
Module Name:			Test Execution Date:				
Pre-conditions:							
<ul style="list-style-type: none">• The product catalog is populated with items, each having defined attributes (name, description, price, etc.).• The system is operational and accessible to users.							
Dependencies:							
<ul style="list-style-type: none">• Accurate retrieval of product data from the database.• Correct implementation of the product detail view page.							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	User navigates to a product from the product list or search results and clicks on it to view more details.	-	The system displays a detailed view of the product, including all relevant information such as product name, images, price, description, and any additional details.				
2	User reads the product specifications and descriptions provided on the product details page.	-	The system presents a clear and detailed description of the product, along with a list of specifications or features, if applicable.				
4	Within the product details, the user interacts with the product image gallery by using navigation. (if available)	-	The system updates the main product image to match the selected thumbnail or navigates through the gallery images smoothly.				
5	User views the reviews and ratings section of the product details page (if available).	-	The system displays user-submitted reviews and an average rating for the product, allowing the user to gauge other users' experiences.				
Test Data Table							
(Note: No specific test data required for viewing the product.)							
	1	2	3	4	...		
Post-conditions:							
<ul style="list-style-type: none">• User remains on the product details page after reviewing the information, with options to navigate back to the product list or proceed with actions like adding the product to the cart.• Any interaction with the product details page (e.g., viewing different images) does not alter the product information displayed to the user.							

Pre-conditions:

- The product catalog is populated with items, each having defined attributes (name, description, price, etc.).
- The system is operational and accessible to users.

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	User navigates to a product from the product list or search results and clicks on it to view more details.	-	The system displays a detailed view of the product, including all relevant information such as product name, images, price, description, and any additional details.				
2	User reads the product specifications and descriptions provided on the product details page.	-	The system presents a clear and detailed description of the product, along with a list of specifications or features, if applicable.				
4	Within the product details, the user interacts with the product image gallery by using navigation. (if available)	-	The system updates the main product image to match the selected thumbnail or navigates through the gallery images smoothly.				
5	User views the reviews and ratings section of the product details page (if available).	-	The system displays user-submitted reviews and an average rating for the product, allowing the user to gauge other users' experiences.				

Test Data Table					
(Note: No specific test data required for viewing the product.)					
	1	2	3	4	...

Post-conditions:

- User remains on the product details page after reviewing the information, with options to navigate back to the product list or proceed with actions like adding the product to the cart.
- Any interaction with the product details page (e.g., viewing different images) does not alter the product information displayed to the user.

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Test Case ID: 8	Test Description: This test case verifies that the system allows merchants to successfully manage their product listings including adding, deleting and updating.
Test Name: Manage Product	Test Designed by: Mert Tazeoğlu
Use Case Tested : Merchants can add, edit, delete, and manage their product listings.	Test Designed Date: 31/03/2024
Test Priority (Low/Medium/High): High	Test Executed by:
Module Name:	Test Execution Date:

Pre-conditions:

- The merchant has a registered and verified account on the platform.
- The merchant is logged into their account with sufficient permissions to manage products.

Dependencies:

- The system correctly categorizes and stores product information.
- Adequate user interface for managing products is provided to the merchant.

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Merchant navigates to 'Add Product' section.	-	The "Add Product" form or interface is displayed.				
2	Merchant fills in the product details and submits the form.	1	The system validates the input, adds new product and displays a message.				
3	Merchant selects a product, modifies necessary details, submits changes.	2	The system validates and saves the changes. A success message confirms the update.				
4	Merchant selects a product and confirms deletion.	3	The system removes the product from the merchant's listings and the overall platform. A success message is displayed.				
5	Merchant navigates to their product listings or inventory section.	-	The system displays a list of all the merchant's products, including relevant details such as name, price, and stock status.				

Test Data Table

	1	2	3	4	...
Product Name	NewProduct	ProductToEdit	ProductTo Delete		
Price	99.99\$	-	-		
Description	Example desc...		-		
Image Path	/headphone.png	-	-		
New Price	-	89.99\$	-		

Post-conditions:

- After adding a new product, the product appears in the merchant's product listings and is available for consumers to view and purchase.
- Following product edits, the updated details are reflected in the product listings.
- After a product is deleted, it is no longer visible in the merchant's listings nor accessible to consumers.
- The merchant can review and manage their product listings through the provided interface at any time.

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Test Case ID: 10	Test Description: This test case ensures that the system allows users to add selected products to their shopping cart, accurately reflecting the added items, their quantities, and the correct pricing.
Test Name: Add Product To Shopping Cart	Test Designed by: Mert Tazeoğlu
Use Case Tested : Users can add products to their shopping cart.	Test Designed Date: 31/03/2024
Test Priority (Low/Medium/High): High	Test Executed by:
Module Name:	Test Execution Date:

Pre-conditions:

- User has a registered account and is logged in (if required by the platform).
- The product catalog is populated with available items.

Dependencies:

- Accurate product inventory management.
- Integration between the product catalog and the shopping cart functionality.

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	User navigates to the product page of an item to purchase.	-	The product details are displayed, including the option to add the product to the cart.				
2	User clicks the "Add to Cart" button for the product.	1	The system adds the product to the user's shopping cart and displays a confirmation message. The cart updates to item count and price.				
3	User selects a quantity and adds the selected quantity of the product to the shopping cart.	2	The system accurately reflects the added quantity in the shopping cart, updating the item count and total price accordingly.				
4	User repeats the "Add to Cart" action for multiple different products.	3	Each selected product is added to the shopping cart, with the cart correctly displaying all items, quantities, and the price.				
5	User views their shopping cart after adding products.	-	The shopping cart displays a list of all added items, including product names, prices, selected quantities, and the total price.				

Test Data Table

	1	2	3	4	...
Product ID's	3	3	3,4		
Quantities	1	2	1,2		

Post-conditions:

- The shopping cart correctly reflects the addition of selected products and their quantities.
- Product inventory levels are updated (if applicable) to reflect the added items in the cart.
- Users can proceed to checkout or continue shopping with the cart retaining all added items.

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Test Case ID: 11	Test Description: This test case verifies that users can proceed from having items in their shopping cart to successfully completing a purchase, including the selection of payment and shipping options, and receiving an order confirmation.
Test Name: Buy Product	Test Designed by: Mert Tazeoğlu
Use Case Tested : Users can complete purchases of products in their shopping cart.	Test Designed Date: 31/03/2024
Test Priority (Low/Medium/High): High	Test Executed by:
Module Name:	Test Execution Date:

Pre-conditions:

- User has a registered account and is logged in.
- User has added one or more products to their shopping cart.
- Payment and shipping information is available and correctly set up in the system.

Dependencies:

- Integration between the shopping cart, payment gateway, and order management system.
- Accurate processing and tracking of inventory levels.

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	User clicks on the shopping cart and selects the option to proceed to checkout.	1	The system displays the checkout page, including a summary of items to be purchased, total price, and options for shipping and payment.				
2	User selects their preferred shipping option.	2	The system updates the total price to include shipping costs (if applicable) and displays the delivery date.				
3	User enters their payment information and selects a pay method.	3	The system securely captures the payment information and indicates the selected payment method.				
4	User reviews their order details and confirms the purchase.	-	The system processes the payment, generates an order confirmation number, displaying a confirmation message or page to the user.				

Test Data Table

	1	2	3	4	...
Shopping Cart ID	1	1	1		
Shipping Method	Ground Ship.	Rail Shipping	Ground Sh.		
Payment Method	Cash	Cash	Credit Card		
Cart Details	-	-	1234567891234		

Post-conditions:

- The user's order is recorded in the system with a unique order number.
- The inventory levels for the purchased products are updated to reflect the sale.
- The user's payment method is charged for the total order amount, and the transaction is securely processed.
- The user receives an order confirmation, and the order is prepared for shipping according to selected option.

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Test Case ID: 12	Test Description: This test case ensures that merchants or administrators have the capability to toggle the ability for users to leave ratings or reviews on product pages, and verifies that this functionality is reflected correctly on platform.
Test Name: Enable/Disable Ratings	Test Designed by: Mert Tazeoğlu
Use Case Tested : Merchants/Administrators can enable or disable ratings for individual products.	Test Designed Date: 31/03/2024
Test Priority (Low/Medium/High): Low	Test Executed by:
Module Name:	Test Execution Date:

Pre-conditions:

- The tester has administrative or merchant-level access to the platform.
- Products are listed on the platform with the default setting for ratings enabled or disabled.

Dependencies:

- Correct implementation of the ratings feature, including UI elements for enabling/disabling ratings and the database structure for storing these preferences.
- Product pages dynamically reflect the current state of the rating feature based on merchant/admin settings.

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Merchant/Admin navigates to the management interface and selects a product.	-	The product's details are displayed, including current settings for ratings and reviews.				
2	Merchant/Admin toggles the setting to enable ratings for the product & save the changes.	1	The system confirms the changes. The product page now allows users to leave ratings and reviews.				
3	Merchant/Admin selects a product for which ratings are currently enabled and disable ratings.	2	The system updates the product's settings, and the product page no longer displays the option for users to add leave rating or review.				
4	User navigates to a product page with ratings enabled and a product page with ratings disabled.	-	1 st page: The option to leave a rating is visible to the user. 2 nd page: The page does not show options for leaving ratings.				

Test Data Table

	1	2	3	4	...
Product ID	1	2			
Current Setting	Disabled	Enabled			
New Setting	Enabled	Disabled			

Post-conditions:

- Products for which ratings have been enabled show the ratings feature to all users.
- Products for which ratings have been disabled no longer show the ratings option, and the platform reflects this change consistently across all user views.
- Any change in the rating settings is accurately saved and persisted in the system's database.