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# Test Cases

for

# Swappify

**Prepared by**

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**SZABIST**

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## 1. Login

Test Case ID		BU_001									
Test Case Name		LogIn		Test Case Description		This test case is used to test the functionality of the Login feature.					
Created By		Mustan & Rohail		Version		1.1				29 Dec 2021	
S.no		Prerequisites:									
1		User must have an account									
2		Account must be active									
Test Scenario		Verify on entering valid user id and password, the customer can login									
Step no.		Step Details		Expected Results		Actual Results		Pass / Fail / Not executed / Suspended			
1		Enter wrong ID and correct password		System will display a message " No such ID exists"		As Expected		Pass			
2		Enter Correct ID and wrong Password		System will display a message "Wrong Password Entered"		As Expected		Pass			
3		Enter Correct ID and correct Password		Main Page/Home page will be displayed		As Expected		Pass			
4		Leave both field empty and click Submit button		System will display a message "Must enter ID and password"		As Expected		Pass			

## 2. SignUp

Test Case ID	TC_01								
Test Case Name	SignUp	Test Case Description	This test case verifies the functionality of the user sign-up feature.						
Created By	Mustan & Rohail	Version	1.0	Date	30 Dec 2024				
S.no	Prerequisites:								
1	User must not have an existing account.								
2	User must have a valid email address.								
Test Scenario	Verify that a user can successfully sign up by providing valid details and completing the account verification process.								

Step no.	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Navigate to the home page and click the "Sign-Up" button.	The system displays a sign-up form with fields for name, email, password, and mobile.	As Expected	Pass
2	Fill in the form with a valid name, email, password, and mobile and click "Submit".	The system validates the input: mandatory fields are filled, email/mobile format is valid, and email is not already registered.	As Expected	Pass
3	Submit the form with an already-registered email address.	The system displays an error message: "Email is already in use."	As Expected	Pass
4	Submit the form with invalid email format	The system displays an error message: "Invalid email format."	As Expected	Pass
5	Successfully submit the form with valid data for a new user.	The system saves the data, sends a verification email, and displays a success message: "Check your email for verification."	As Expected	Pass
6	Open the verification email and click the verification link.	The system activates the account, redirects to the login page, and displays a success message: "Account verified successfully. Please log in."	As Expected	Pass

### 3. Forgot Password

Test Case ID	TC_03							
Test Case Name	Forgot Password	Test Case Description	This test case verifies the functionality of the "Forgot Password" feature, ensuring users can securely reset their password using their registered email and mobile number.					
Created By	Mustan & Rohail	Version	1.0	Date	30 Dec 2024			
S.no	Prerequisites:							
1	User must already have an account.							
Test Scenario	Verify that a user can reset their password by entering their registered email and mobile number, and receive a temporary password via email.							
Step no.	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended				
1	Navigate to the login page and click on the "Forgot Password"	The system displays a form for entering a registered email address and mobile	As Expected	Pass				

	link.	number.		
2	Enter an invalid email and mobile and click "Submit."	The system displays an error message: "Invalid format."	As Expected	Pass
3	Enter an unregistered email address and click "Submit."	The system displays an error message: "Email not found."	As Expected	Pass
4	Enter an unregistered email address and a valid mobile number, then click "Submit."	The system displays an error message: "Email not found."	As Expected	Pass
5	Enter a registered email address and valid mobile number, then click "Submit."	The system sends a reset link or password to the email and displays a confirmation message: "A password reset link has been sent to your email."	As Expected	Pass
6	Leave the email or mobile number fields empty and click "Submit."	The system displays an error message: "Both email and mobile number are required."	As Expected	Pass
7	Enter a valid registered email address and mobile number, then click "Submit."	The system validates the input and sends a temporary password to the registered email address. Displays a success message: "Temporary password sent."	As Expected	Pass

#### 4. Profile Management

<b>Test Case ID</b>	TC_04							
<b>Test Case Name</b>	Profile Management	<b>Test Case Description</b>	This test case verifies the functionality of updating user profile information, ensuring the system validates and saves the changes.					
<b>Created By</b>	Mustan & Rohail	<b>Version</b>	1.0	<b>Date</b>	30 Dec 2024			
<b>S.no</b>	<b>Prerequisites:</b>							
1	User must have a valid account and be logged in.							
<b>Test Scenario</b>	Verify that users can view, edit, and update their profile information while ensuring all inputs are validated.							
<b>Step no.</b>	<b>Step Details</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass / Fail / Not executed / Suspended</b>				
1	Navigate to the profile page by clicking on the "Profile" button.	The system displays the current profile information, including fields like name, email, and phone number.	As Expected	Pass				

2	Click the "Edit" button to modify profile information.	The system displays editable fields for name, email, and mobile number.	As Expected	Pass
3	Enter an invalid data format and click "Save."	The system displays an error message: "Invalid format."	As Expected	Pass
4	Enter valid profile information and click "Save."	The system validates the inputs, saves the updated profile in the database, and displays the updated information on the profile page.	As Expected	Pass
5	Verify that the updated profile information is correctly displayed upon returning to the profile page.	The system retrieves and displays the updated information from the database.	As Expected	Pass

## 5. List Item

<b>Test Case ID</b>	TC_05								
<b>Test Case Name</b>	List Item	<b>Test Case Description</b>	This test case verifies the functionality of listing a new item for trade, ensuring the system validates inputs and stores item details.						
<b>Created By</b>	Mustan & Rohail	<b>Version</b>	1.0	<b>Date</b>	30 Dec 2024				
<b>S.no</b>	<b>Prerequisites:</b>								
1	User must have a valid account and be logged in.								
<b>Test Scenario</b>	Verify that users can list a new item for trade by providing valid details and that the system processes the inputs correctly.								
<b>Step no.</b>	<b>Step Details</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass / Fail / Not executed / Suspended</b>					
1	Navigate to the "Add New Item" section.	The system displays a form for entering item details, including fields like name, description, category, and image upload.	As Expected	Pass					
2	Submit the form with invalid data (e.g., empty mandatory fields, invalid file format, or invalid input values).	"The system displays appropriate error messages: "Fields cannot be empty", "Invalid file format." OR "Invalid input."	As Expected	Pass					
3	Enter all valid item details (e.g., name, description, category) and upload a valid image file.	The system validates the inputs, saves the item details to the database, and displays a success message: "Item successfully listed."	As Expected	Pass					

4	Verify that the newly listed item is displayed under the user's account.	The system retrieves the new item details from the database and displays them under the user's listings.	As Expected	Pass
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## 6. Edit Item

<b>Test Case ID</b>	TC_06							
<b>Test Case Name</b>	Edit Item	<b>Test Case Description</b>	These test cases cover various scenarios for editing an item, including valid and invalid inputs, error handling, and successful updates.					
<b>Created By</b>	Mustan & Rohail	<b>Version</b>	1.0	<b>Date</b>	30 Dec 2024			
<b>S.no</b>	<b>Prerequisites:</b>							
1	User must have a valid account and be logged in.							
2	The user must have at least one item listed for trade.							
<b>Test Scenario</b>	Verify that users can propose a trade, cancel proposals before submission, and handle system errors appropriately.							
<b>Step no.</b>	<b>Step Details</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass / Fail / Not executed / Suspended</b>				
1	Navigate to my list and select an item to edit.	The system displays the current details of the selected item in an editable form.	As Expected	Pass				
2	Modify valid fields (e.g., item name, description) and click the "Save" button.	The system validates the inputs, updates the item details in the database, and displays a confirmation message: "Item updated successfully."	As Expected	Pass				
2	Attempt to edit an item and leave mandatory fields empty before saving.	The system displays an error message indicating that mandatory fields cannot be empty.	As Expected	Pass				
2	Attempt to enter invalid data formats (e.g., non-numeric values for numeric fields) and save the form.	The system displays an error message indicating invalid inputs.	As Expected	Pass				

## 7. Delete Item

<b>Test Case ID</b>	TC_07							
<b>Test Case Name</b>	Delete Item	<b>Test Case Description</b>	These test cases cover various scenarios for deleting an item, including successful deletion and error handling.					

<b>Created By</b>	Mustan & Rohail	<b>Version</b>	1.0	<b>Date</b>	30 Dec 2024
<b>S.no</b>	<b>Prerequisites:</b>				
1	User must have a valid account and be logged in.				
2	The user must have at least one item listed for trade.				
<b>Test Scenario</b>	Verify that users can propose a trade, cancel proposals before submission, and handle system errors appropriately.				
<b>Step no.</b>	<b>Step Details</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass / Fail / Not executed / Suspended</b>	
1	Navigate to my list page and select an item to delete.	The system displays a confirmation dialog for deleting the selected item.	As Expected	Pass	
2	Confirm the deletion by clicking the "Delete" button in the confirmation dialog.	The system removes the item from the listings, updates the database, and displays a confirmation message: "Item successfully deleted."	As Expected	Pass	
2	Cancel the deletion process in the confirmation dialog.	The system does not delete the item, and the item remains in the user's listings.	As Expected	Pass	

## 8. View Item Listing

<b>Test Case ID</b>	TC_08							
<b>Test Case Name</b>	View Item Listings	<b>Test Case Description</b>	This test case verifies the functionality of viewing all available items for trade and the detailed view of individual items.					
<b>Created By</b>	Mustan & Rohail	<b>Version</b>	1.0	<b>Date</b>	30 Dec 2024			
<b>S.no</b>	<b>Prerequisites:</b>							
1	User must have a valid account and be logged in.							
<b>Test Scenario</b>	Verify that users can view the list of items available for trade and detailed information for each item.							
<b>Step no.</b>	<b>Step Details</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass / Fail / Not executed / Suspended</b>				
1	Navigate to the "Item Listings" page.	The system retrieves and displays a list of all available items, including their basic details (e.g., name, description).	As Expected	Pass				





<b>Created By</b>	Mustan & Rohail	<b>Version</b>	1.0	<b>Date</b>	30 Dec 2024
<b>S.no</b>	<b>Prerequisites:</b>				
1	User must have a valid account and be logged in.				
2	Items must be available on the item listings page.				
3	The user must have access to a wishlist section in their profile.				
<b>Test Scenario</b>	Verify that users can search for specific items or apply filters to refine the displayed item listings.				
<b>Step no.</b>	<b>Step Details</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass / Fail / Not executed / Suspended</b>	
1	Navigate to an item listing and click the "Add to Wishlist" button.	The system adds the selected item to the user's wishlist and displays a confirmation message: "Item added to wishlist."	As Expected	Pass	
2	Navigate to the "Wishlist" section in the user profile.	The system displays all items added to the user's wishlist, with their details (e.g., name, description, image).	As Expected	Pass	
3	Attempt to add the same item to the wishlist again.	The system prevents duplicate entries and displays a message: "This item is already in your wishlist."	As Expected	Pass	

## 11. View Wishlist

<b>Test Case ID</b>	TC_11				
<b>Test Case Name</b>	View Wishlist	<b>Test Case Description</b>	These test cases cover scenarios for viewing and interacting with items saved in the wishlist, including handling empty wishlists.		
<b>Created By</b>	Mustan & Rohail	<b>Version</b>	1.0	<b>Date</b>	30 Dec 2024
<b>S.no</b>	<b>Prerequisites:</b>				
1	User must have a valid account and be logged in.				
2	The user must have a wishlist.				
<b>Test Scenario</b>	Verify that users can propose a trade, cancel proposals before submission, and handle system errors appropriately.				
<b>Step no.</b>	<b>Step Details</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass / Fail / Not executed / Suspended</b>	

1	Navigate to the wishlist section through the profile.	The system fetches and displays the wishlist items, including details such as item name, image, and description.	As Expected	Pass
2	Click on an item in the wishlist to view its full details or initiate a trade.	The system displays the full details of the selected item, including owner information and trade options.	As Expected	Pass
2	Attempt to view the wishlist when it is empty.	The system displays a message: "Your wishlist is empty"	As Expected	Pass

## 12. Item Detail

<b>Test Case ID</b>	TC_12							
<b>Test Case Name</b>	Item Detail	<b>Test Case Description</b>	This test case verifies the functionality of viewing detailed information about an item.					
<b>Created By</b>	Mustan & Rohail	<b>Version</b>	1.0	<b>Date</b>	30 Dec 2024			
<b>S.no</b>	<b>Prerequisites:</b>							
1	User must have a valid account and be logged in.							
2	Items must exist in the database.							
<b>Test Scenario</b>	Verify that users can search for specific items or apply filters to refine the displayed item listings.							
<b>Step no.</b>	<b>Step Details</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass / Fail / Not executed / Suspended</b>				
1	Click on an item from the item listing page or wishlist.	The system fetches and displays detailed information about the selected item, including name, description, condition, category, images, owner info, and available actions.	As Expected	Pass				
2	Attempt to access an item that has been deleted by its owner.	The system displays error message	As Expected	Pass				

## 13. Trade Proposal

<b>Test Case ID</b>	TC_13							
<b>Test Case Name</b>	Trade Proposal	<b>Test Case Description</b>	This test case validates the functionality of proposing a trade by offering an item in exchange for another user's listed item.					

<b>Created By</b>	Mustan & Rohail	<b>Version</b>	1.0	<b>Date</b>	30 Dec 2024
<b>S.no</b>	<b>Prerequisites:</b>				
1	User must have a valid account and be logged in.				
2	The user must have at least one item listed for trade.				
3	The item being proposed for trade must exist in the database.				
<b>Test Scenario</b>	Verify that users can propose a trade, cancel proposals before submission, and handle system errors appropriately.				
<b>Step no.</b>	<b>Step Details</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass / Fail / Not executed / Suspended</b>	
1	Navigate to an item listing and click the "Propose Trade" button.	The system displays a form where the user selects an item from their own listings to offer.	As Expected	Pass	
2	Select an item for exchange and click "Submit."	The system saves the proposal in the database and displays a confirmation message: "Trade proposal sent."	As Expected	Pass	
2	Attempt to access an item that has been deleted by its owner.	The system displays error message	As Expected	Pass	
2	Attempt to submit the form with invalid inputs (e.g., no item selected for exchange).	The system displays error message	As Expected	Pass	
2	Verify that the user receives the trade proposal in their profile.	The user receives a trade with its details, including the item being offered and the item requested for trade.	As Expected	Pass	

## 14. Accept Trade

<b>Test Case ID</b>	TC_14							
<b>Test Case Name</b>	Accept Trade	<b>Test Case Description</b>	These test cases cover scenarios for accepting or rejecting a trade proposal, handling valid input					
<b>Created By</b>	Mustan & Rohail	<b>Version</b>	1.0	<b>Date</b>	30 Dec 2024			
<b>S.no</b>	<b>Prerequisites:</b>							
1	User must have a valid account and be logged in.							
2	The user must have received at least one pending trade proposal.							

<b>Test Scenario</b>	Verify that users can propose a trade, cancel proposals before submission, and handle system errors appropriately.								
<b>Step no.</b>	<b>Step Details</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass / Fail / Not executed / Suspended</b>					
1	Navigate to the trade management section.	The system displays the list of trades with its details, including the item being offered and its description.	As Expected	Pass					
2	Click the "Accept" button to confirm the trade.	The system finalizes the trade, updates the trade status in the database.	As Expected	Pass					
2	Click "Reject" instead of "Accept" for a trade proposal.	The system updates the trade status as rejected.	As Expected	Pass					

## 15. Reject Trade

<b>Test Case ID</b>	TC_15								
<b>Test Case Name</b>	Reject Trade	<b>Test Case Description</b>	These test cases cover scenarios for rejecting trade proposals.						
<b>Created By</b>	Mustan & Rohail	<b>Version</b>	1.0	<b>Date</b>	30 Dec 2024				
<b>S.no</b>	<b>Prerequisites:</b>								
1	User must have a valid account and be logged in.								
2	The user must have received at least one pending trade proposal.								
<b>Test Scenario</b>	Verify that users can propose a trade, cancel proposals before submission, and handle system errors appropriately.								
<b>Step no.</b>	<b>Step Details</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass / Fail / Not executed / Suspended</b>					
1	Navigate to the trade management section.	The system displays the list of trades with its details, including the item being offered and its description.	As Expected	Pass					
2	Click the "Reject" button to decline the trade.	The system updates the trade status in the database	As Expected	Pass					
2	Click "Accept" instead of "Reject" for a trade proposal.	The system finalizes the trade, updates the trade status in the database.	As Expected	Pass					

## 16. Cancel Trade

<b>Test Case ID</b>	TC_16								
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<b>Test Case Name</b>	Cancel Trade	<b>Test Case Description</b>	These test cases cover scenarios for canceling trade proposals.			
<b>Created By</b>	Mustan & Rohail	<b>Version</b>	1.0	<b>Date</b>	30 Dec 2024	
<b>S.no</b>	<b>Prerequisites:</b>					
1	User must have a valid account and be logged in.					
2	The user must have at least one active trade proposal they initiated.					
<b>Test Scenario</b>	Verify that users can propose a trade, cancel proposals before submission, and handle system errors appropriately.					
<b>Step no.</b>	<b>Step Details</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass / Fail / Not executed / Suspended</b>		
1	Navigate to the "Sent Requests" section and select an active trade proposal to cancel.	The system displays the details of the selected trade and shows the "Cancel Trade" button.	As Expected	Pass		
2	Click the "Cancel Trade" button and confirm the cancellation.	The system updates the trade status to "Cancelled" in the database.	As Expected	Pass		

## 17. Manage Active Trade

<b>Test Case ID</b>	TC_17					
<b>Test Case Name</b>	Manage Active Trades	<b>Test Case Description</b>	The test will cover scenarios for viewing, accepting, and rejecting trade proposals.			
<b>Created By</b>	Mustan & Rohail	<b>Version</b>	1.0	<b>Date</b>	30 Dec 2024	
<b>S.no</b>	<b>Prerequisites:</b>					
1	User must have a valid account and be logged in.					
<b>Test Scenario</b>	Verify that users can propose a trade, cancel proposals before submission, and handle system errors appropriately.					
<b>Step no.</b>	<b>Step Details</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass / Fail / Not executed / Suspended</b>		
1	Navigate to the "Sent Offers" section	The system displays a list of all the trade offers the user has sent, with trade details (items, status).	As Expected	Pass		
2	Navigate to the "Received Offers" section.	The system displays a list of all received trade offers with relevant details.	As Expected	Pass		

## 18. Remove from Wishlist

<b>Test Case ID</b>	TC_18							
<b>Test Case Name</b>	Remove from Wishlist	<b>Test Case Description</b>	The test will cover scenarios for removing individual items					
<b>Created By</b>	Mustan & Rohail	<b>Version</b>	1.0	<b>Date</b>	30 Dec 2024			
<b>S.no</b>	<b>Prerequisites:</b>							
1	User must have a valid account and be logged in.							
2	The user must have at least one item saved in their wishlist.							
<b>Test Scenario</b>	Verify that users can propose a trade, cancel proposals before submission, and handle system errors appropriately.							
<b>Step no.</b>	<b>Step Details</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass / Fail / Not executed / Suspended</b>				
1	Navigate to the "Wishlist" section.	The system displays the user's wishlist, showing all saved items.	As Expected	Pass				
2	Select an item from the wishlist and click "Remove from Wishlist."	The system removes the selected item from the wishlist, updates the display	As Expected	Pass				
3	Verify that the item is no longer present in the wishlist after removal.	The removed item no longer appears in the wishlist, and the remaining items are displayed correctly.	As Expected	Pass				