

# NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES



## SOFTWARE QUALITY ENGINEERING

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### *FAST UNIVERSITY FOOD ORDERING APPLICATION TEST LOG REPORT*

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<b>Team Members</b>	1. Faaiz Kadiwal (21K-3830) 2. Ammar Asdaque (21K-3923) 3. Anser Tayyab (21K-3909)
<b>Course Instructor</b>	Ms. Syeda Rubab Jaffar
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## Test Log Report

Test Case ID	Requirement ID	Test Description	Test Data	Expected Result	Actual Result	Pass/Fail
TC-01	R-1	Verify successful login with valid credentials	Username: 21K-3923 Password: 1234	User is logged in successfully	User is logged in successfully	Pass
TC-02	R-2	Verify login with invalid credentials	Username: k21-3830, Password: qwerty	Authentication failed error message	Authentication failed error message	Pass
TC-03	R-3	Verify login with empty username	Username: "", Password: pass456	Username is required error message	Username is required error message	Pass
TC-04	R-4	Verify login with empty password	Username: uzair, Password: ""	Password is required error message	Password is required error message	Pass
TC-05	R-5	Verify login with locked account	Username: lockedUser, Password: 789say	Account locked error message	Account locked error message	Pass
TC-06	R-6	Verify login with special characters in username	Username: user@special, Password: 123pass	User is logged in successfully	User is logged in successfully	Pass
TC-07	R-7	Verify login with uppercase username	Username: Azam, Password: pass456	User is logged in successfully	User is logged in successfully	Pass
TC-08	R-8	Verify successful login with	Username: 21K-3909,	User is logged in successfully	User is logged in successfully	

Test Case ID	Requirement ID	Test Description	Test Data	Expected Result	Actual Result	Pass/Fail
		valid credentials	Password: anser			Pass
TC-09	R-9	Verify login with invalid username format	Username: k21@sharib, Password: quaidabad	Invalid username format error message	Invalid username format error message	Pass
TC-10	R-10	Verify login with invalid password length	Username: 21K-3939, Password: 0	Invalid password length error message	Invalid password length error message	Pass
TC-11	R-11	Verify login with mismatched passwords	Username: 21K-3890, Password: pass123, Confirm Password: pass234	Passwords do not match error message	Passwords do not match error message	Pass
TC-12	R-12	Verify error when creating account with existing username	Username: 21K-3923, Password: 1234	Username already exists error message	Username already exists error message	Pass
TC-13	R-13	Verify undo button functionality during login	Click undo after entering username	Username field is cleared	Username field is cleared	Pass

TC-14	R-14	Verify successful navigation to the main menu	User is logged in	Main menu is displayed	Main menu is displayed	Pass
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TC-15	R-15	Verify undo button functionality in the main menu	Click undo after navigating to the main menu	User is navigated back to the login screen	User is navigated back to the login screen	Pass
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TC-16	R-16	Verify successful navigation back to the login screen	User is in the canteen operations screen	User is navigated back to the login screen	User is navigated back to the login screen	Pass
TC-17	R-17	Verify confirmation of order delivery	Order ID: 123, User confirms order delivery "yes"	Order delivery confirmed	Order delivery confirmed	Pass
TC-18	R-18	Verify acceptance of incoming orders	Order ID: 456, User accepts the order "yes"	Order is marked as accepted	Order is marked as accepted	Pass
TC-19	R-19	Verify successful viewing of sales data	User clicks on View Sales option	Sales data is displayed	Sales data is displayed	Pass
TC-20	R-20	Verify deletion of items from the menu	Item ID: 789, User deletes the item	Item is removed from the menu	Item is removed from the menu	Pass
TC-21	R-21	Verify modification of item prices	Item ID: 101, New Price: 190.0	Item price is updated	Item price is updated	Pass
TC-22	R-22	Verify successful addition of items to the menu	Item Name: Malai Boti , Price: 130.0	Item is added to the menu	Item is added to the menu	Pass
TC-23	R-23	Verify cancellation of operations in the canteen	User clicks on Cancel	Current operation is canceled	Current operation is canceled	Pass

TC-24	R-24	Display icons and navigate on click	Main frame is open. Move the mouse over each icon and check	Tooltip text is displayed correctly.	Tooltip text is displayed correctly.	Pass
TC-25	R-25	Navigate to Receipts screen on clicking "Show Receipts" icon	Main frame is open. Click on the "Show Receipts" icon.	Navigated to the Receipts screen successfully	Navigated to the Receipts screen successfully	Pass
TC-26	R-26	Navigate to login screen on clicking "Logout" icon	Main frame is open. Click on the "Logout" icon.	Navigated to the Login screen successfully.	Navigated to the Login screen successfully	Pass
TC-27	R-27	Close the application on clicking close (cancel) icon	Main frame is open. Click on the close (cancel) icon.	Application closed successfully.	Application closed successfully.	Pass
TC-28	R-28	Display correct tooltip text on icon hover	Main frame is open. Move the mouse over each icon and check if the tooltip text is displayed correctly.	Tooltip text displayed for each icon with the correct information.	Tooltip text displayed for each icon with the correct information.	Pass

TC-29	R-29	Verify successful addition of items to the cart	Item ID: 202, Quantity: 2	Item is added to the cart	Item is added to the cart	Pass
TC-30	R-30	Verify handling of adding an invalid item to the cart	Item ID: 3s4, Quantity: 1	Invalid item error message	Invalid item error message	Pass
TC-31	R-31	Verify handling of adding items with an invalid quantity	Item ID: 303, Quantity: -1	Invalid quantity error message	Invalid quantity error message	Pass
TC-32	R-32	Verify successful clearing of items from the cart	User clicks on Clear Cart	Cart is cleared	Cart is cleared	Pass
TC-33	R-33	Verify successful placement of an order	User clicks on Place Order	Order is placed successfully	Order is placed successfully	Pass
TC-34	R-34	Verify handling of placing an order with an empty cart	User clicks on Place Order with an empty cart	Order cannot be placed with an empty cart error message	Order cannot be placed with an empty cart error message	Pass
TC-35	R-35	Verify handling of exceeding the quantity limit	Item ID: 404, Quantity: 108	Quantity limit exceeded error message	Quantity limit exceeded error message	Pass
TC-36	R-36	Verify handling of database connectivity issues	Item ID: 505, Quantity: 2	Database connectivity error message	Database connectivity error message	Pass
TC-37	R-37	Verify successful deletion of items from the cart	Item ID: 606	Item is removed from the cart	Item is removed from the car	Pass

TC-38	R-38	Verify that the system should display a list of pending orders in the Confirmation window.	The Confirmation window is open.	List of pending orders displayed correctly, including Order ID, Item ID, Item, Quantity, and Bill.	List of pending orders displayed correctly, including Order ID, Item ID, Item, Quantity, and Bill.	Pass
TC-39	R-39	Verify Confirm order with End Time	The Confirmation window is open. Enter a valid Order ID: 236, Enter a valid End Time: 12:45	Order is confirmed, and the list is updated with the specified End Time.	Order is confirmed, and the list is updated with the specified End Time.	Pass
TC-40	R-40	Accept_Order_with Invalid_Order_ID_T C-40: Display error for invalid Order ID during confirmation	The Confirmation window is open. Enter an invalid Order ID: 4d@, Enter a valid End Time: 1:55	An error message is displayed, indicating the need for a valid Order ID.	An error message is displayed, indicating the need for a valid Order ID.	Pass
TC-41	R-41	Display error for invalid End Time during confirmation	The Confirmation window is open. Enter a valid Order ID: 200 Enter an invalid	An error message is displayed, indicating the correct format for	An error message is displayed, indicating the correct format for	

			End Time: 1:68	the End Time.	the End Time.	Pass
TC-42	R-42	Delete specified order from pending orders	The Confirmation window is open. Enter a valid Order ID: 106	The order is deleted from the list of pending orders.	The order is deleted from the list of pending orders.	Pass
TC-43	R-43	Delete_Order_with_ Invalid_Order_ID_T C-43: Display error for invalid Order ID during deletion	The Confirmation window is open. Enter an invalid Order ID: 7g0.	An error message is displayed, indicating the need for a valid Order ID.	An error message is displayed, indicating the need for a valid Order ID.	Pass
TC-44	R-44	Add orders from the database to the queue	Database contains orders.	Queue is populated with orders from the database for the specified roll number.	Queue is populated with orders from the database for the specified roll number.	Pass
TC-45	R-45	Display orders in the queue	The queue is not empty.	Orders in the queue are correctly displayed, including Order ID, Item, Quantity, and Bill.	Orders in the queue are correctly displayed, including Order ID, Item, Quantity, and Bill.	Pass
TC-46	R-46	Calculate total money spent on orders in the queue	The queue is not empty.	Total money spent on orders in the queue	Total money spent on orders in the queue	



				is correctly calculated.	is correctly calculated.	Pass
TC-47	R-47	Insert a new node at the head of the linked list	Linked list is initialized.	New node is inserted at the head of the linked list with the specified data.	New node is inserted at the head of the linked list with the specified data.	Pass
TC-48	R-48	Display contents of the linked list	The linked list is not empty.	Contents of the linked list are correctly displayed, including Item, Quantity, and Bill.	Contents of the linked list are correctly displayed, including Item, Quantity, and Bill.	Pass
TC-49	R-49	Insert the head node of the linked list into the database	The linked list is not empty.	Head node of the linked list is successfully inserted into the database.	Head node of the linked list is successfully inserted into the database.	Pass
TC-50	R-50	Calculate total price of items in the linked list	The linked list is not empty.	Total price of items in the linked list is correctly calculated.	Total price of items in the linked list is correctly calculated.	Pass
TC-51	R-51	Clear all nodes from the linked list	The linked list is not empty.	Linked list becomes empty after clearing all nodes.	Linked list becomes empty after clearing all nodes.	Pass

TC-52	R-52	Add orders from the database to the min heap	Database contains orders.	Min heap is populated with orders from the database for the specified container.	Min heap is populated with orders from the database for the specified container.	Pass
TC-53	R-53	Display orders in the min heap	The min heap is not empty.	Orders in the min heap are correctly displayed, including Order ID, Item, Quantity, Bill, and End Time.	Orders in the min heap are correctly displayed, including Order ID, Item, Quantity, Bill, and End Time.	Pass
TC-54	R-54	Extract an order from the min heap based on Order ID	The min heap is not empty: order id: 780.	Order with the specified Order ID is successfully extracted from the min heap.	Order with the specified Order ID is successfully extracted from the min heap.	Pass
TC-55	R-55	Display menu items and prices for a specific canteen	Database contains menu items and prices.	Menu items and their prices displayed in the text area.	Menu items and their prices displayed in the text area.	Pass
TC-56	R-56	Add a new item to the menu	Database contains the specified canteen. Item: "Omelette"	New item added to the menu, and the menu is updated.	New item added to the menu, and the menu is updated.	Pass

TC-57	R-57	Display error if the item to be added already exists	Database contains the specified canteen with existing items: "Zinger Burger"	Error message displayed, indicating that the item already exists.	Error message displayed, indicating that the item already exists.	Pass
TC-58	R-58	Delete an item from the menu	Database contains the specified canteen with existing items: Biryani	Specified item is deleted from the menu, and the menu is updated.	Specified item is deleted from the menu, and the menu is updated.	Pass
TC-59	R-59	Display error if the item to be deleted is not found	Database doesn't contain the specified canteen with existing items: shampoo	Error message displayed, indicating that the item is not found.	Error message displayed, indicating that the item is not found.	Pass
TC-60	R-60	Modify the price of an existing item	Database contains the specified canteen with existing items.	Price of the specified item is updated, and the menu is updated.	Price of the specified item is updated, and the menu is updated.	Pass
TC-61	R-61	Display error if the item to be modified is not found	Database doesn't contain the specified canteen with existing items.	Error message displayed, indicating that the item is not found.	Error message displayed, indicating that the item is not found.	Pass

			Item: "pillow"			
TC-62	R-62	Display error if an invalid price is entered during modification	Database contains the price of specified canteen with existing items. Price: -100	Error message displayed, indicating that an invalid price is entered.	Error message displayed, indicating that an invalid price is entered.	Pass
TC-63	R-63	Display pending orders for the logged-in user	Database contains order records for the logged-in user.	Pending orders for the logged-in user displayed in the text area.	Pending orders for the logged-in user displayed in the text area.	Pass
TC-64	R-64	Navigate back to the main menu	Orders window is open.	Orders window closed, and the main menu window is displayed.	Orders window closed, and the main menu window is displayed.	Pass
TC-65	R-65	Display a view of orders from the database	Database contains order records.	View window is displayed with a list of orders.	View window is displayed with a list of orders.	Pass
TC-66	R-66	Display a view of orders for a specific category	Database contains order records for the specified	View window is displayed with a list of orders for the	View window is displayed with a list of orders for the	

			category:"Ice cream"	specified category.	specified category.	Pass
TC-67	R-67	Navigate back to the main menu	View window is open.	View window closed, and the main menu window is displayed.	View window closed, and the main menu window is displayed.	Pass
TC-68	R-68	Confirm delivery with minimum time remaining	There are orders in the system. Time: 12:30(10 minutes from current time)	Order with the minimum time remaining is confirmed, and the list is updated.	Order with the minimum time remaining is confirmed, and the list is updated.	Pass
TC-69	R-69	Confirm delivery based on entered Order ID	There are orders in the system: order id: 211, "yes"	Order with the specified Order ID is confirmed, and the list is updated.	Order with the specified Order ID is confirmed, and the list is updated.	Pass
TC-70	R-70	Display error for invalid Order ID entry	There are orders in the system. Order id: 5w4	Error message displayed, and the order list remains unchanged.	Error message displayed, and the order list remains unchanged.	Pass
TC-71	R-71	Display sales information for a canteen	Database contains sales records for the canteen.	Sales window is displayed with the list	Sales window is displayed with the list	

				of sales and total sales.	of sales and total sales.	Pass
TC-72	R-72	Display sales information for a specific category	Database contains sales records for the specified category. "roll"	Sales window is displayed with the list of sales and total sales for the specified category.	Sales window is displayed with the list of sales and total sales for the specified category.	Pass
TC-73	R-73	Navigate back to the main menu	Sales window is open.	Sales window closed, and the main menu window is displayed.	Sales window closed, and the main menu window is displayed.	Pass
TC-74	R-74	Clear sales records for delivered and confirmed orders	There are delivered and confirmed orders in the system.	Sales records for delivered and confirmed orders are cleared. The sales list and total sales are updated.	Sales records for delivered and confirmed orders are cleared. The sales list and total sales are updated.	Pass
TC-75	R-75	Notify if there are no sales to clear	There are no delivered and confirmed orders in the system.	Message displayed indicating that there are no sales to clear. The sales list and total sales	Message displayed indicating that there are no sales to clear. The sales list and total sales	

				remain unchanged.	remain unchanged.	Pass
TC-76	R-76	Display receipts for a user	Database contains receipt records for the user. Order id: 101, Name: "Sandwich", Quantity: 2, Total: 140	Receipts window is displayed with the list of receipts and total money spent.	Receipts window is displayed with the list of receipts and total money spent.	Pass
TC-77	R-77	Navigate back to the main screen.	Receipts window is open.	Receipts window closed, and the main menu window is displayed.	Receipts window closed, and the main menu window is displayed.	Pass