

ID	User Story / Task	Test Case	Expected Result	Actual Result
TC-01	US-08: Add Items to Cart	Verify a user can add items to the cart from the personalized menu.	Items are successfully added to the cart and displayed in real-time.	Completed as expected
TC-02	US-08: Add Items to Cart	Verify the cart updates in real-time when items are added.	The cart dynamically updates with the newly added items immediately.	Completed as expected
TC-03	US-09: Dynamic Pricing Display	Verify prices of dishes adjust dynamically based on backend pricing changes.	Menu prices update in real-time to reflect current demand-based pricing.	Completed as expected
TC-04	US-09: Dynamic Pricing Display	Verify users can see updated prices without refreshing the page.	Prices change seamlessly in real-time on the frontend.	Completed as expected
TC-05	US-10: Remove Items from Cart	Verify a user can remove items from the cart.	Items are successfully removed, and the cart updates immediately.	Completed as expected
TC-06	US-10: Remove Items from Cart	Verify modifying item quantities updates the cart correctly.	Quantity updates reflect correctly in the cart with real-time pricing adjustments.	Completed as expected
TC-07	US-11: View Cart Summary	Verify the cart displays all selected items and their prices accurately.	Cart shows all selected items, their individual prices, and the total cost dynamically.	Completed as expected
TC-08	US-11: View Cart Summary	Verify the total price updates dynamically if prices or quantities change.	The total price in the cart updates immediately based on pricing or quantity changes.	Completed as expected
TC-09	US-12: Place Order	Verify users can successfully place an order from the cart.	The order is processed successfully, and the user is redirected to the order confirmation page.	Completed as expected
TC-10	US-12: Place Order	Verify the cart is cleared after order placement.	Cart becomes empty, and confirmation of the order is displayed to the user.	Completed as expected
TC-11	TS-04: Real-Time Pricing Backend	Verify the backend updates prices based on demand in real-time.	Pricing updates are reflected immediately in the frontend through the API.	Completed as expected
TC-12	TS-04: Real-Time Pricing Backend	Verify pricing changes do not result in application crashes or delays.	The system handles pricing updates efficiently without downtime.	Completed as expected
TC-13	TS-05: Dynamic Pricing Algorithm	Verify the algorithm adjusts prices correctly based on input parameters.	The pricing algorithm adjusts accurately according to demand and availability conditions.	Completed as expected
TC-14	TS-05: Dynamic Pricing Algorithm	Verify the algorithm handles edge cases, e.g., no demand or high demand.	Pricing remains consistent and logical under extreme scenarios.	Completed as expected