

Test Number	Test Name	Test Input	Expected Result	Actual Result
#001	Add new item	Item ID: A001Name: KeyboardQuantity: 10Price: 25.99	Item is added successfully and saved to the inventory	Pass
#002	View all items	Select "View items" from main menu	All inventory items are displayed correctly	Pass
#003	Search existing item	Item ID: A001	Correct item details are displayed	Pass
#004	Search non-existent item	Item ID: X999	Message displayed: "Item not found"	Pass
#005	Update existing item	Item ID: A001New Quantity: 15New Price: 29.99	Item details are updated and saved	Pass
#006	Delete item	Item ID: A001	Item is removed from inventory	Pass
#007	Invalid quantity input	Quantity entered: "abc"	Error message shown and user prompted to re-enter value	Pass
#008	Invalid price input	Price entered: "ten"	Error message shown and user prompted to re-enter value	Pass
#009	View empty inventory	Select "View items" with no items stored	Message displayed: "No items available"	Pass
#010	Exit program	Select "Exit" from menu	Program exits safely without errors	Pass