

Category	ID	Action	Test Data	Test Description	Expected Output	Actual Output	Test Result	Comments
Warehouse Management	1	Insert a product data		Enter product image, price, description	Product data is correctly displayed in the data			
	2	Edit a product data		Change the price. update the image, re-write the description	Product data is updated with new data			
	3	Delete a product data		Delete a product	The target data is deleted			
	4	Select a category		Select a start and end date	Displays a graph of the data for that time period			
	5	Add a product data		Add a product data with the database	Add product data			
	7	Item alert		Item is about to expire	Automatically send a reminder			
	8	Data visualization		Change the chart options or change the data range	Chart regenerated based on behavior			
	9	Data analyze		Analysis function	Analysis of the data			
	10	Barcode Input		Enter product information using barcode	Automatically populate product information			
Cash register function	11	Scan product	barcode of item	Item is scanned with the mobile app	Item is found in database			
	12	Find product details	item code	Lookup item code to pull product details	Image, price, quantity, and description are displayed			
	13	Calculate order totals and change	one instance of an order	Calculate total amount due, tax, change due	Correct totals calculated			
	14	Add item to order		Scan or manually add an product	product is added to order and to amount due			
	15	Remove item from order		Delete an item from order total	Item is removed, amount due is reduced			
Data Security	16	Verify login credentials	username and password	1) Enter correct credtials 2) Enter Incorrect credentials	Login successful/ login denied			
	17	Access from mobile device	front end software	Load app from mobile device	App loads and funtions normally			
	18	test encryption	encrypted login credentials	1) attempt to reverse engineer password from encrypted data	Correct password not found			
Merchandising suggestions (machine learning)	19	Add recent sales	CSV file of sales data	upload data to database	data is added to database			
	20	generate price suggestions	life to date sales data	Machine learning model reviews data and outputs suggestion	price suggestions within a 10% change in price			
	21	generate inventory suggestions	life to date sales data	Machine learning model reviews data and outputs suggestion	a list of suggested inventory amounts to stock			
	22	generate timing suggestions	life to date sales data	Machine learning model reviews data and outputs suggestion	dates in line with seasonal trends			we dont want to be seeing Easter goods suggested for Halloween
Logistics management (express delivery)	23	provide a logistics details		Enter a tracking number associated with an order	Details of courier transfer			
	24	Get a notification when my purchases from vendors are due to arrive soon		Test an order due to arrive in 3 days	get a notification of package with expected delivery			
	25	Get notification when a shipment arrives to custoer		A notice of completion is sent from the courier	get a confirmation alert of delivery			
	26	give all logistics information		Run a history of all deliveries received and sent	a list of logistics is emailed or downloaded			