

Task										
ID	Task Description	Acceptance Criteria	Task Name	Size	Priority	Status	Sprint	Notes		
TS1	Project Start - group finalized 9/14/22	Agreed by all team members	Project_groupForm	5	High	Done	1			
TS2	Pick Project idea/ assign roles	Agreed by all team members	Project_setup	8	High	Done	1			
TS3	Project Description/Statement/Scope	Approved by all team members	Project_proposal	8	High	Done	1			
TS4	Working Agreement	Agreed by all team members	Project_agreement	8	High	Done	1			
TS5	Build Wiki Page	Wiki page is will organized, shows all the information about the project	Project_wiki	8	High	Done	1			
TS6	Market Research	Agreed by all team members	Project_market	3	High	Done	2			
TS7	Establishment of techniques and tools	Agreed by all team members, and identify the type of technology or tool that will be used in each section	Project_toolsResearch	8	High	Done	2			
TS8	Define specific feature details	Approved by all team members	Project_define	8	High	Done	2			
TS9	API Research	Approved by all team members	Project_API	3	High	Done	2			
TS10	Design of User Stories & Other Tasks (Backlog-1/2)	Approved by all team members	Project_Backlog	13	High	Done	2			
TS11	Design Project Acceptance Criteria (Backlog-2/2)	Approved by all team members	Project_AC	8	High	Done	2			
TS12	Design Project Test Cases	Approved by all team members	Project_testCases	8	High	Done	2			
TS13	Design MVP prototypes and sketches	Approved by all team members	Project_MVPdesign	8	High	Done	2			
TS14	Design interactive interface with the user	Approved by all team members	Project_UiDesign	8	High	Done	3	added in 2022/11/01		
TS15	Design Dashboard for the webApp that shows key information	Approved by all team members	Project_Dashboard	8	High	Done	4	added in 2022/11/28		
User Story										
ID	As a...	I want to...	So that I can...	Acceptance Criteria (format: use keywords Given , When , Then)	Task Name	Size	Priority	Status	Sprint	Notes
US1	Inventory Manager	I want to be able to add new inventory to my database	Keep my database accurate to my changing inventory	When a user adds data, Then the database will add a new row.	DBS_add	5	High	Done	3	
US2	Inventory Manager	I want to be able to edit inventory items in my database	Make changes to inventory details and correct typos	When a user delete data, Then the database will delete the row.	DBS_edit	5	High	Done	3	
US3	Inventory Manager	I want to be able to delete inventory items in my database	Efficiently utilize server space and keep data accurate	When a user edit data, Then the database will edit the row	DBS_delete	5	High	Done	3	
US4	Inventory Manager	I need to sort the data from the database that is displayed on the page	analyze and track my inventory my different metrics	Given different categories, When the user selects a category, Then show the products underne that category.	DBS_sort	5	Medium	Done	3	
US5	Retailers Manager	I want to be able to check my inventory with a visual chart	Get a clearer picture of my inventory	Given automatically generated charts, When the user changes the chart options or changes the data range, Then the chart is regenerated based on user behavior	DBS_visualization	8	High	Done	5 & 6	
US6	Inventory Manager	I would like to be alerted when some items are out of stock	Replenish my inventory in a timely manner	When an item is about to expire, Then the system will automatically send a reminder.	DBS_alert	5	Medium	Waiting	3	
US7	Inventory Manager	I want the system to record my sales and analyze them	Keep track of my sales and change sales strategies	Given users the option of AI analysis, When the user chooses to use this feature, Then the user's data is used as input for his analysis fuction, Then provides analysis of the data, such as the history of sales for each item.	DBS_analyze	8	Medium	Done	7	
US8	Retailers Manager	I want to be able to enter data via cell phone camera or code reader	Input data easily	Given barcode entry options, When the user enters product information using the barcode Then the corresponding product information, such as product name, brand, price, etc., is automatically populated.	DBS_barcodeInput	8	Medium	Done	4	
US9	Inventory Manager / Cashier	I want to get the item information from online database	I don't need to type everything about the item manually	Given a item's barcode, When the barcode is scanned, Then the "add item" form is filled automatically	DBS_itemInfo	8	Medium	Done	4	
US10	Cashier	I want to be able to calculate the amount of money owed	Know the total amount of money owed	When there are no items remaining to be added, Then the total amount of payment due will be correctly reported	CR_amountowed	3	High	Done	5 & 6	

US11	Retailers Manager	I want to be able to record a payment	Collect money from the customer	When payment is tendered, Then the status of the order will change from "Payment Outstanding" to "Paid"	CR_deposit	3	High	Done	5 & 6	
US12	Marketing Manager	I want to keep track of what items the customer wants to purchase	Analyze consumer preferences	Given a list of customer, When select a customer, Then show the history of the customer	CR_trackConsumer	3	High	Done	4	
US13	Cashier	I want to record and offer a receipt of the customer's purchase	Have an itemized list of items purchased by the customer	When an order is paid, Then a formatted record of the sale will be created	CR_receipt	13	Low	Done	5 & 6	changed story points
US14	Marketing Manager	Evaluate suppliers	Create relationships with the best possible suppliers for my industry	Given a list of all suppliers, When a user filters on a detail, Then the relevant data will be shown	SRM_eval	5	High	Done	3	
US15	Marketing Manager	Streamline onboarding with suppliers	Quickly establish working supply chains	Given a new supplier, When new data needs to be collected, Then a standard template will be sent and uploaded to the database	SRM_select	3	High	Done	3	
US16	Marketing Manager	Manage supplier performance	Quickly and easily track supplier performance with key performance metrics that are already established for me		SRM_kpi	5	Medium	Canceled	8	New US replacement redesigned to meet demand
US17	Marketing Manager	I want to upload my sales data	Track/Maintain/Organize my data	When I upload sales data, Then the database update to add	DBS_upload	3	High	Done	4	
US18	Marketing Manager	I want the model to forecast prices for items in my inventory	Reduce the uncertainty and guesswork in my pricing	Given a data set, When a forecast is run, Then a best fit price will be calculated	ML_predict	13	High	Canceled	7	New US replacement redesigned to meet demand
US19	Marketing Manager	I want the model to predict total sales revenue by time period	Best serve my customers and maximize seasonal consumer trends	Given a data set in a time range, When a forecast is run, Then total projected sales will be calculated	ML_timepredict	13	Low	Canceled	7	New US replacement redesigned to meet demand
US20	Marketing Manager	I want the model to recommend quantities of products for sale	Be leaner in my logistics and maximize profits	Given a data set in a time range, When a forecast is run, Then suggested total quantity of inventory will be calculated	ML_pricequantity	13	Low	Canceled	7	New US replacement redesigned to meet demand
US21	Retailers Manager	I want to check the detail of the current orders	Have idea of a order detail	Given information about all order, When the user selects a particular order, Then the details of that order are provided.	LOG_OrderDetails	3	High	Done	4	
US22	Retailers Manager	I want to get notification when delivery of an order is imminent	Be prepared for the coming package	Given information about all logistics, When the user selects a particular logistics, Then the details of that logistics are provided.	LOG_comingTrack	5	Medium	Done	4	
US23	Retailers Manager	I want to check the previous shipping information	Ensure accurate shipping details	When shipping details are entered, Then a check against the previous details is run	LOG_history	5	Low	Done	4	
US24	Retailers Manager	I want to see shipping history filtered for specific details	Review and analyze my shipment efficiency and timeliness	When a filter is added, Then data matching that filter is returned	LOG_filter	3	Medium	Done	4	
US25	Retailers Manager	I want to use two factor authorization to verify my customer's login	Prevent fraudulent login	Given a new device, When login is successful, Then the secondary security check will be sent	Login_2factor	5	Medium	Canceled	4	We don't need this for our MVP
US26	Retailers Manager	I want to strongly encrypt and safely store my user's data	Ensure my customers their data is safe	Given a database of customer data, When unauthorized entry is attempted, Then request will not be returned	DBS_security	3	Medium	Done	4	
US27	Retailers Manager	I want to be able to access my data from any device	Know the status of my business anytime, anywhere	successful login from a device, When access is attempted, Then the app is correctly rendered	DBS_cloud	3	High	Done	3	
US28	Marketing Manager	I want to have a simple statistic for my customers	Better understanding of the people I sell to and their spending habits	Given a overall statistic of the top customers	DM_xus	8	Medium	Done	7	redesigned US, added in Mar.13
US29	Marketing Manager	I would like to have a simple statistic for historical sales data	Better understanding of the overall sales situation each month	Given a overall statistic of the each months	DM_mmm	5	Medium	Done	7	redesigned US, added in Mar.13
US30	Marketing Manager	I want to find the customer's preferred product mix, and some potential patterns	Improve marketing strategy and merchandise placement layout	Given Provide common item pairings, including statistically significant potential patterns	DM_sales	13	Medium	Done	7	redesigned US, added in Mar.13