

ID	Task Description	Acceptance Criteria	Task Name	Size	Priority	Status	Sprint	Notes
T12	Project Start - group finished 9/14/22	Agreed by all team members	Project, group/first	1	High	Done	1	
T13	Pick Project Idea/ assign roles	Agreed by all team members	Project, setup	2	High	Done	1	
T14	Project Description/Statement/Scope	Approved by all team members	Project, proposal	2	High	Done	1	
T15	Working Agreement	Agreed by all team members	Project, agreement	2	High	Done	1	
T16	Build Wiki Page	Wiki page is well organized, shows all the information about the project	Project, wiki	8	High	Done	1	
T17	Market Research	Agreed by all team members	Project, market	4	High	Done	2	
T18	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, tools/research	7	High	Done	2	
T19	Define specific feature details	Approved by all team members	Project, definio	7	High	Done	2	
T20	API Research	Approved by all team members	Project, API	3	High	Done	2	
T21	Design of User Stories & Other Tests (Backlog 1/2)	Approved by all team members	Project, Backlog	10	High	Done	2	
T22	Design Project Acceptance Criteria (Backlog 1/2)	Approved by all team members	Project, AC	3	High	Done	2	
T23	Design Project Test Cases	Approved by all team members	Project, testCases	8	High	Done	2	
T24	Design MVP prototypes and sketches	Approved by all team members	Project, MVP/design	9	High	Done	2	
T25	Design interactive interface with the user	Approved by all team members	Project, UI/design	9	High	Done	3	added in 2022/11/01

Size	Story Point
Large	7-12
Medium	4-6
Small	1-3

ID	As a...	I want to...	So that I can...	Acceptance Criteria (format: use keywords Given, When, And, Then)	Task Name	Size	Priority	Status	Sprint	Notes
U01	user	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	4	High	Done	3	
U02	user	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	4	High	Done	3	
U03	user	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 add the row	DBS_delete	4	High	Done	3	
U04	user	I need to sort the data in my database	analyze and track my inventory my different metrics	When different categories, When the user selects a category, Then show the products under that category	DBS_sort	4	Medium	Done	3	
U05	user	I want to be able to check my inventory with a visual chart	Get a clearer picture of my inventory	When 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	7	High	Waiting		
U06	user	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	
U07	user	I want the system to record my sales and analyze them	Keep track of my sales and change sales strategies	When users the option of AI analysis, When the user chooses to use this feature, Then the user's data is used as input for the analysis. Factor, Then provides analysis of the data, such as the history of sales for each item.	DBS_analyse	10	Medium	Waiting		
U08	user	I want to be able to enter data via cell phone camera or code reader	Input data easily	When 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	3	Low	Waiting		
U09	user	I want to be able to scan items	See information about the item	When the user scans the barcode, Then the scanned product information is added to the checkout list	OI_scan	5	Medium	Waiting		
U10	user	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	OI_amountowed	3	High	Waiting		
U11	user	I want to be able to record a payment	Collect money from the customer	When payment is recorded, Then the status of the order will change from "Payment Outstanding" to "Paid"	OI_deposit	3	High	Waiting		
U12	user	I want to keep track of what items the customer wants to purchase	Analyze consumer preferences	When a list of customers, When select a customer, Then show the history of the customer	OI_trackConsumer	3	High	Waiting	4	
U13	user	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	OI_receipt	3	Low	Waiting	4	
U14	user	Evaluate suppliers	Create relationships with the best possible suppliers for my industry	When a list of all suppliers, When a user filters on a detail, Then the relevant data will be shown	SRM_eval	6	High	Done	3	
U15	user	Dreamline onboarding with suppliers	Quickly establish working supply chains	When a new supplier, When new data needs to be collected, Then a standard template will be sent and updated to the database	SRM_select	3	High	Done	3	
U16	user	Manage supplier performance	Quickly and easily track supplier performance with key performance metrics that are already established for me	When a supplier ID, Then the metrics are requested, Then the database returns accurate data	SRM_kpi	6	Medium	Waiting		Suppliers evaluated and given selection scorecards (capacity, quality, performance, pricing historical, etc.)
U17	user	I want to upload my sales data	Track/Maintain/Organize my data	When I upload sales data, Then the database update to add	SRM_upload	3	High	Waiting		

US18	user	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	12	High	Working					
US19	user	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	10	Low	Working					
US20	user	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_quantity	12	Low	Working					
US21	user	I want to check the detail of the current orders	Have idea of a order detail	Given information about all orders, When the user selects a particular order, Then the details of that order are provided	LOG_OrderDetails	5	High	Working	4				
US22	user	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	6	Medium	Working	4				
US23	user	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	Working	4				
US24	user	I want to see shipping history filtered for specific details	Review and analyse my shipment efficiency and timeliness	When a filter is added, Then data matching that filter is returned	LOG_filter	3	Medium	Working	4				
US25	user	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	log%_2Factor	4	Medium	Working	4				
US26	user	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	7	Medium	Working	4				
US27	user	I want to be able to access my data from any device	Know the status of my business anytime, anywhere	Given successful login from a device, When access is attempted, Then the app is correctly rendered	DBS_cloud	3	High	Done	3				