

Skyenet - Capstone Project
Fall 22 - spring 23

	ID	As a...	I want to...	So that I can...	Task Name	Size	Priority	Status	Sprint	Notes
Warehouse Management	US1	Retailers Manager	I wish I could record my inventory in the database and make changes at any time	Keep track of my inventory in real time	DBS_add	Small	High	Waiting	3	
	US2				DBS_delete	Small	High	Waiting	3	
	US3				DBS_edit	Small	High	Waiting	3	
	US4		I would like to be alerted when some items are out of stock	Replenish my inventory in a timely manner	DBS_alert	Medium	Medium	Waiting	3	
	US5		I want my inventory situation to be intelligently categorized	Track and manage inventory information by category	DBS_sort	Large	Medium	Waiting	5	
	US6		I want to be able to check my inventory with a visual chart	Get a clearer picture of my inventory	DBS_visualization	Large	High	Waiting	4	
	US7		I want the system to record my sales and analyze them	Keep track of my sales and change sales strategies	DBS_analyze	Large	Medium	Waiting	5	
	US8		I want to be able to enter/change data via cell phone camera or code reader	Input data easily	DBS_barcodeInput	Small	Low	Waiting	4	
Cash register function	US9	Cashier	I want to be able to scan items	See information about the item	CR_scan	Medium	Medium	Waiting	4	
	US10		I want to be able to calculate the amount of money owed	Know the total amount of money owed	CR_amountowed	Small	High	Waiting	4	
	US11		I want to be able to status of payment	Know if the customer has paid yet	CR_paymentstatus	Small	Low	Waiting	4	
	US12		I want to be able to record a deposit	Collect money from the customer	CR_deposit	Small	High	Waiting	4	
	US13		I want to be able add items	Keep track of what items the customer wants to purchase	CR_additem	Small	High	Waiting	4	
	US14		I want to be able remove items	Change what items the customer wants to purchase	CR_removeitem	Small	High	Waiting	4	
	US15		I want to have a receipt of the customer's purchase	Have an itemized list of items purchased by the customer	CR_receipt	Small	Low	Waiting	4	
Supplier Management	US16	Retailers Manager	Evaluate and select suppliers	Create relationships with the best possible suppliers for my industry	SRM_eval	Medium	High	Waiting	3	Suppliers evaluated and given selection scorecards (capacity, quality, performance, pricing historical, etc.)
	US17		Streamline onboarding with suppliers	Quickly establish working supply chains	SRM_select	Small	High	Waiting	3	
	US18		Negotiate contracts and pricing with suppliers	Obtain the best possible price points in the most efficient manner	SRM_contract	Medium	High	Waiting	4	
	US19		Simplify communication with suppliers	Avoid delays and unnecessary confusion by having an all encompassing communication platform	SRM_msg	Small	Medium	Waiting	4	
	US20		Manage supplier performance	Quickly and easily track supplier performance with key performance metrics that are already established for me	SRM_kpi	Medium	Medium	Waiting	4	
	US21		Resolve issues with suppliers	Flag potential issues and bring them to suppliers attention in an expedited fashion	SRM_help	Small	Low	Waiting	4	
Merchandising suggestions (machine learning)	US22	Marketing Manager	I want to upload my sales data	Track/Maintain/Organize my data	ML_upload	Small	High	Waiting	6	
	US23		I want to use regression to train my model	Accurately forecast sales data on a constantly changing dataset	ML_runmodel	Medium	High	Waiting	6	
	US24		I want to use large amounts of data to improve the model's accuracy	So that i can be more confident in the accuracy of my forecast	ML_pulldata	Large	Medium	Waiting	6	
	US25		I want to be able to deploy the model to make sales predictions	Reduce the uncertainty and guesswork in my forecasts	ML_predict	Large	High	Waiting	6	
	US26		I want the model to predict total sales revenue by time period	Best serve my customers and maximize seasonal consumer trends	ML_timepredict	Large	low	Waiting	6	
	US27		I want the model to recommend prices and quantities of products for sale	Be leaner in my logistics and maximize profits	ML_pricequantity	Large	low	Waiting	6	
Logistics management (express delivery)	US28	Logistics Manager	I want to check the detail of the current orders	Have idea of a delivery	LOG_details	Small	High	Waiting	5	
	US29		I want to get notification once the customers receive their product	Know the delivery is completed	LOG_notify	Medium	Medium	Waiting	5	
	US30		I want to get notification if there a package for me is about to arrive	Be prepared for the coming package				Waiting	5	
	US31		I want to check the previous shipping information	Keep everything recorded	LOG_history	Medium	low	Waiting	5	
Data security, encrypted data for all cloud data for encryption	US32	User	I want to use two factor authorization to verify my customer's login	Prevent fraudulent login	Login_2Factor	Medium	Medium	Waiting	4	
	US33		I want to strongly encrypt and safely store my user's data	Ensure my customers their data is safe	DBS_security	Large		Waiting	6	
	US34		I want to be able to access my data from any device	Know the status of my business anytime, anywhere	DBS_cloud	Small	High	Waiting	3	