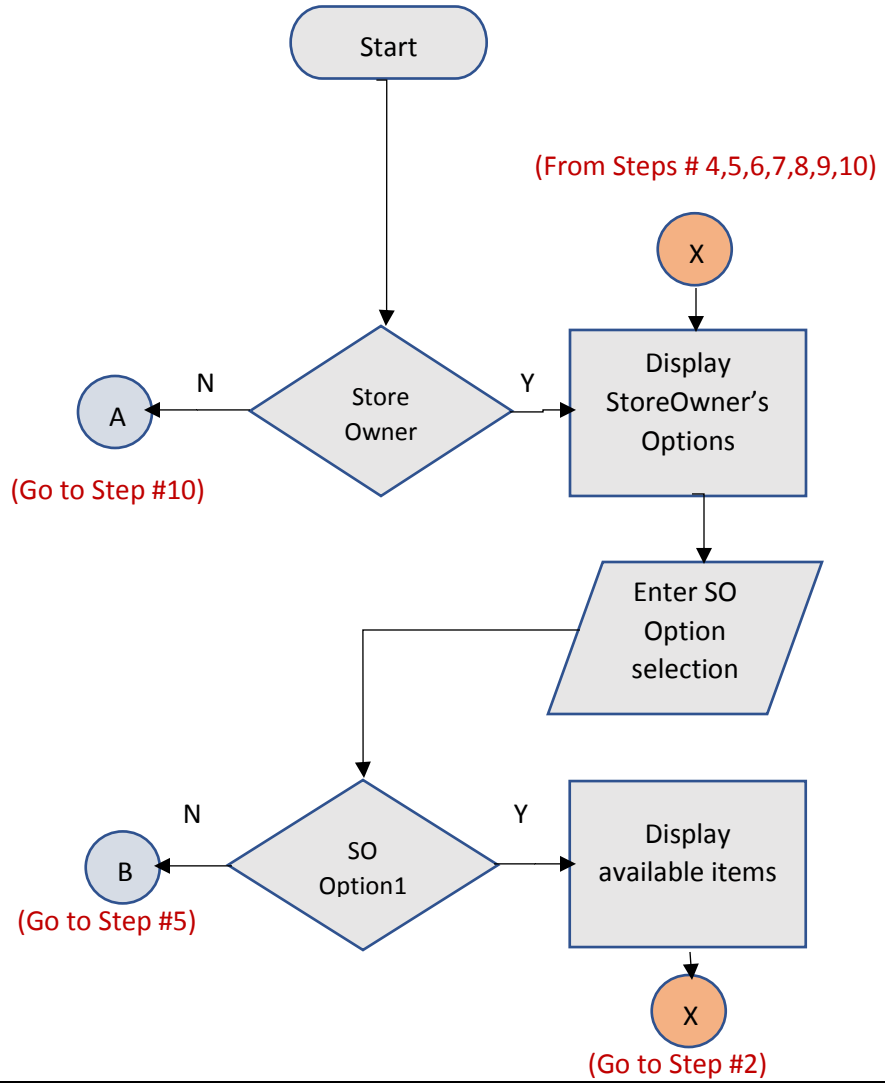
StoreApp Terminal Application
Control Flow
Submitted by: J Linsao

Flow Diagram	Narrative Description	PseudoCode Details
	1) Display Store Name and list of available items for sale showing item name, available quantity, unit of measure, unit price. 2) Also display StoreOwner login code input *StoreOwner Login Feature:* *As a StoreOwner, I want to be able to enter my login code so that I can select specific action available to my role.*	
	3) If the user is the StoreOwner, display the following available options: (1) Display available items (name, quantity, uom, unit cost, unit selling price, category, description) (2) Add new Item and details (name, uom, uc, usp, category, description) (3) Update item details (4) Purchase item (5) Report on Daily Purchases and MTD, YTD and ITD Purchases (6) Report on Daily Sales and Total MTD, YTD and ITD Sales (7) Exit	
	4) If StoreOwner selects option 1, the screen should display all the current available items. Note: This is the same information available for customers. *Available Items Feature:* *As a StoreOwner/Customer, I want to see all the current available items so that I can update/buy items.*	

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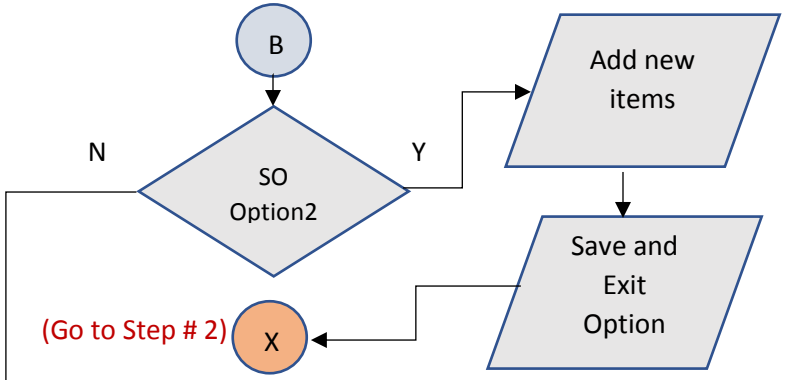
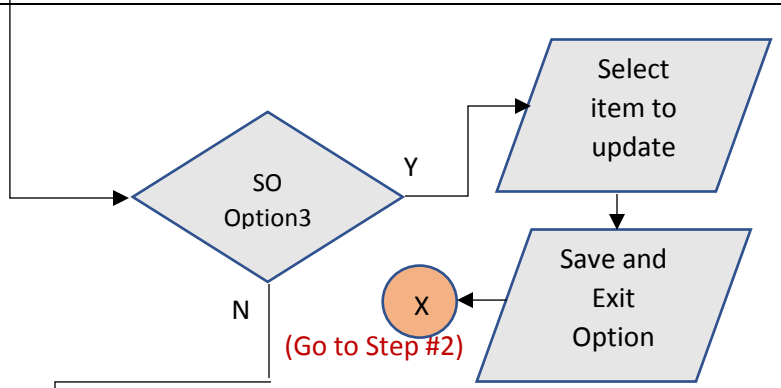
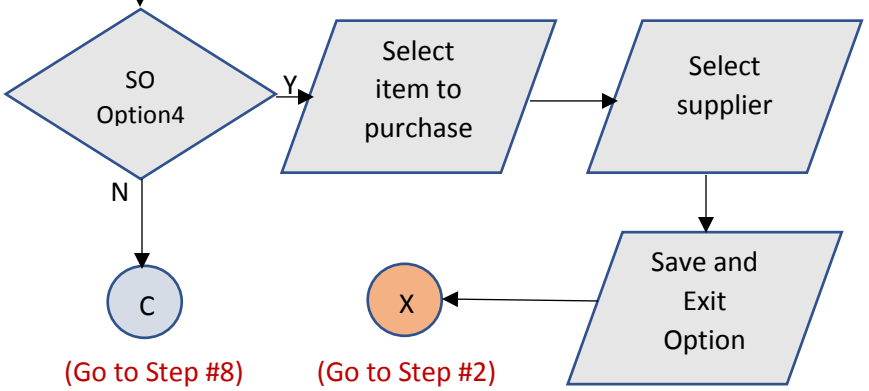
	5) If StoreOwner selects option 2, the system should allow adding new items. Note: The list of available items should remain displayed on screen *Add New Items Feature:* *As a StoreOwner, I want to add new items from the list so that I can display more selections of item to buy or sell.*	
	6) If StoreOwner selects option 3, the system should allow updating existing items. Multiple edit instance should be allowed. After saving, the changes are committed. Option to exit after making all the required changes. Note: Updating should not allow change of the main reference id. (i.e. index) *Update Existing Items Feature:* *As a StoreOwner, I want to update details of selected item so that updated list is always displayed.*	
	7) If StoreOwner selects option 4, the system should allow selecting item and quantity to purchase, and then the supplier. One purchase transaction with status of 'Ordered' at a time. After saving, the changes are committed. Note: Each purchase transaction should have a unique reference. *Purchase Item Feature:* *As a StoreOwner, I want to make a purchase of selected item to a selected supplier so that I can replenish my items for sale.*	

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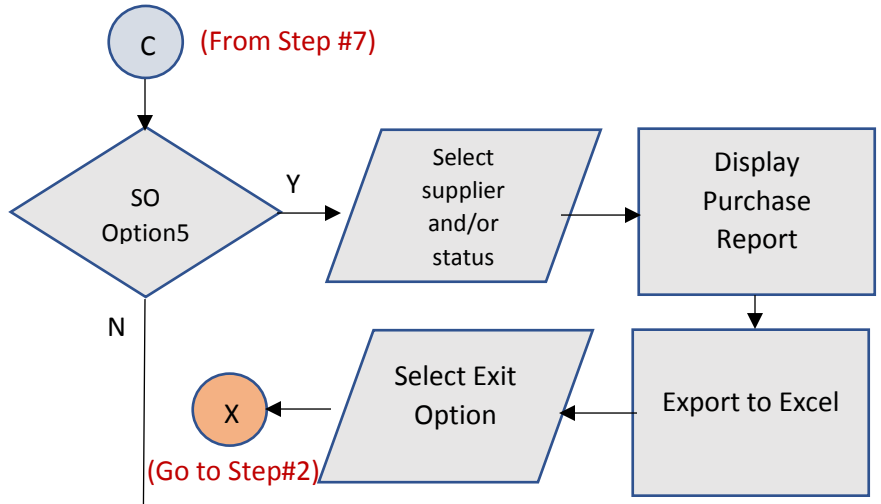
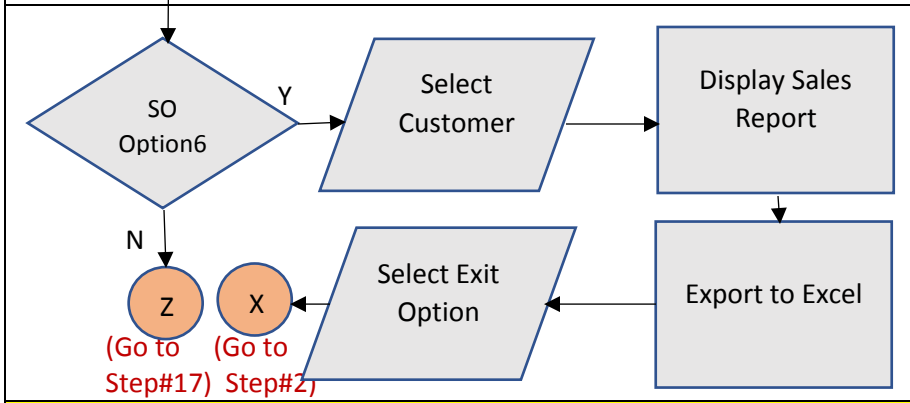
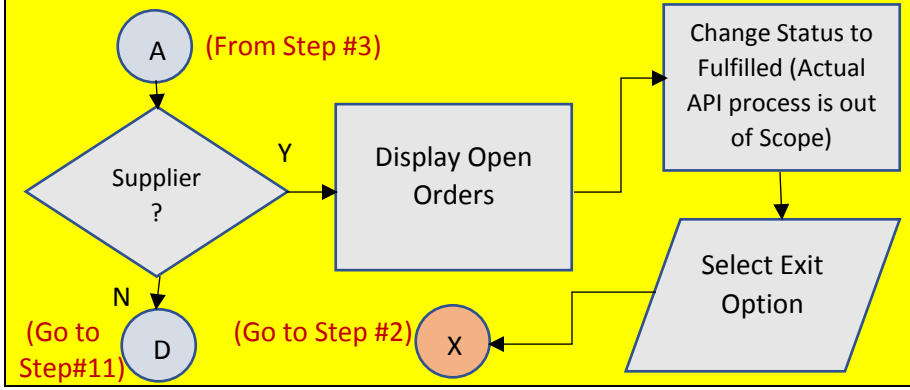
	8) If StoreOwner selects option 5, the system should ask selection parameters: Supplier and/or Status, and then display the Daily, MTD, YTD and ITD purchases. Selection of suppliers should include 'All'. Valid status can either be 'Ordered', 'Pending', or 'Fulfilled'. Automatic export the report to Excel. *Purchase Report Feature:* *As a StoreOwner, I want to have a purchase report so that I can determine all ordered items and costings.*	
	9) If StoreOwner selects option 6, the system should ask selection parameter: Customer, and then display the Daily, MTD, YTD and ITD purchases. Selection of customers should include 'All'. Automatic export the report to Excel. *Purchase Report Feature:* *As a StoreOwner, I want to have a sales report so that I can have details of sales transactions.*	
	10) If the user is the StoreOwner, display the open orders and the following only option: (6) Exit Note: Actual API for fulfillment is out of scope.	

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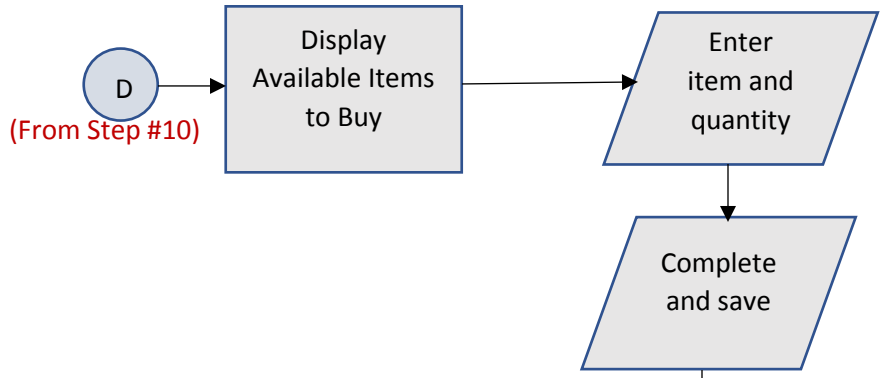
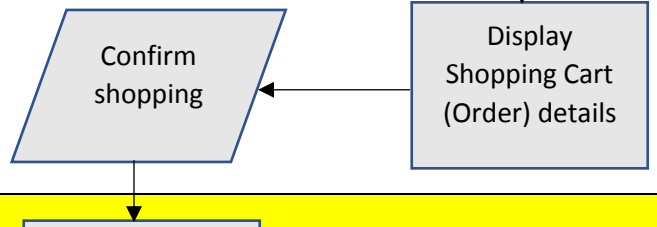
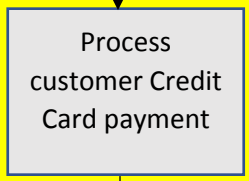
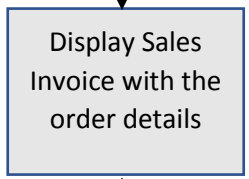
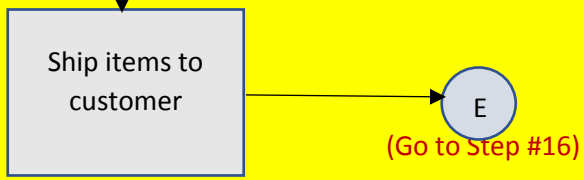
	11) If no login entered, then user is customer. Customer can select one or more items to buy. *Shopping Feature:* *As a Customer, I want to be able to view all available items and be able select item/s I want buy and also enter the quantities, and then confirm to save so that I can complete my shopping transaction.*	
	12) After selecting all items to buy, the customer should be able to see all items in the shopping cart list together with the total amount. Note: Computation of tax and shipping is out of scope as per this terminal app.	
	13) The credit card payment API process is out of scope.	
	14) After payment process is completed, display the sales invoice with the customer order details. *Sales Invoice Feature:* *As a Customer, I want a sales invoice so I can have a record of the sales transaction.*	
	15) The Shipping API process is out of scope	

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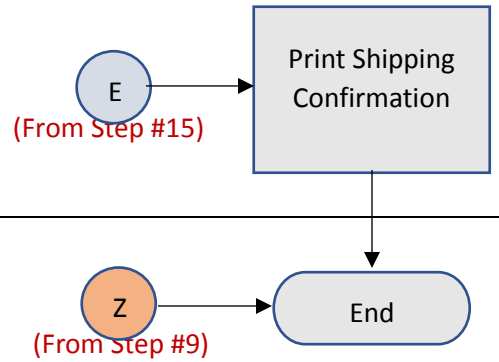
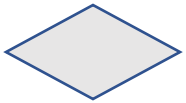
	16) Print Shipping Confirmation *Shipping Confirmation Feature:* *As a Customer, I want to receive a shipping confirmation so I can have a record of the orders I made and items in ship-in-transit* 17) Customer received items bought. End of process.	

LEGEND

Symbol	Description
	Terminal point. Start or End of flow
	Decision Box. Outcome is either Yes (Y) or No (N)
	System Process.
	Manual Process. (e.g.User Input on selection of option)
	Connector with single link.
	Connector with multiple links.