

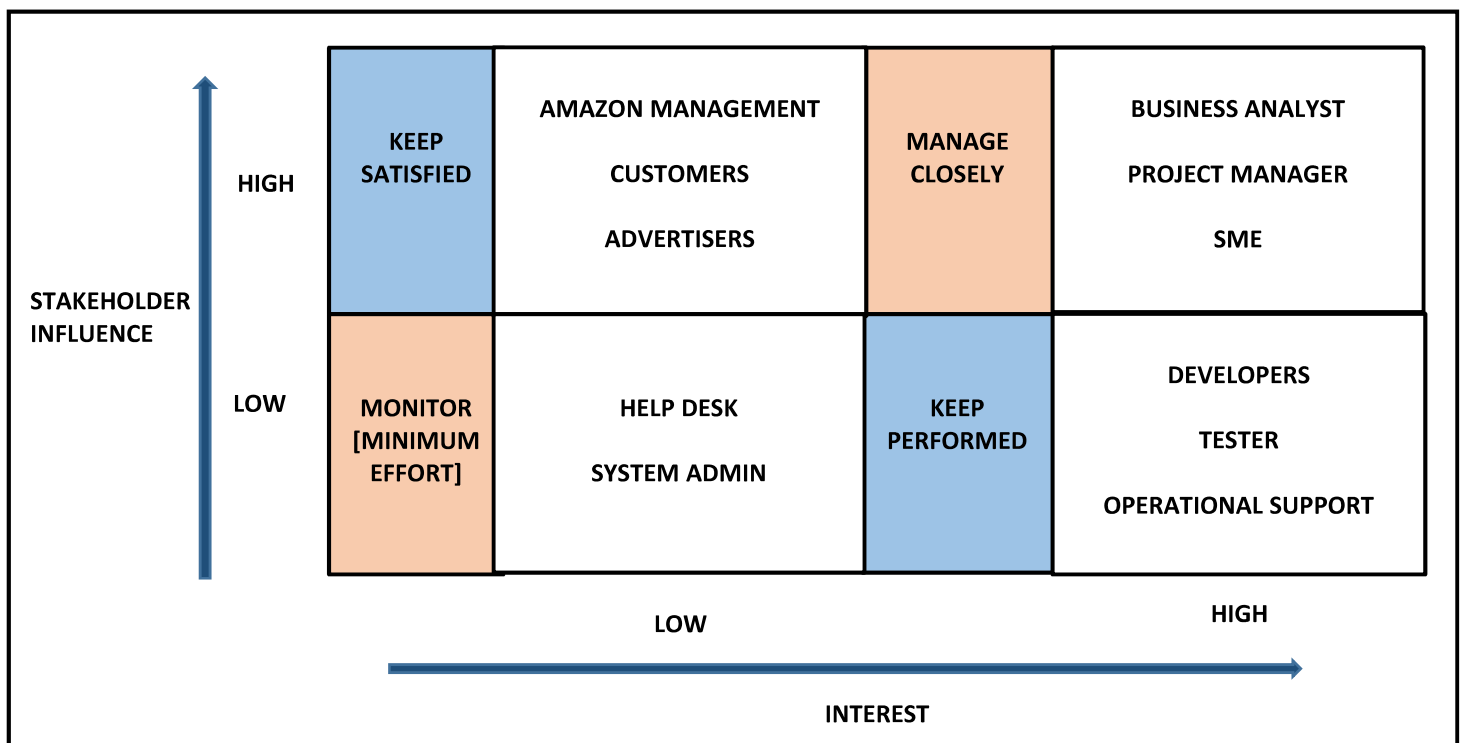
Amazon Pantry

Business Analyst Capstone

By

Sothing Mark Rk

STAKEHOLDER MATRIX



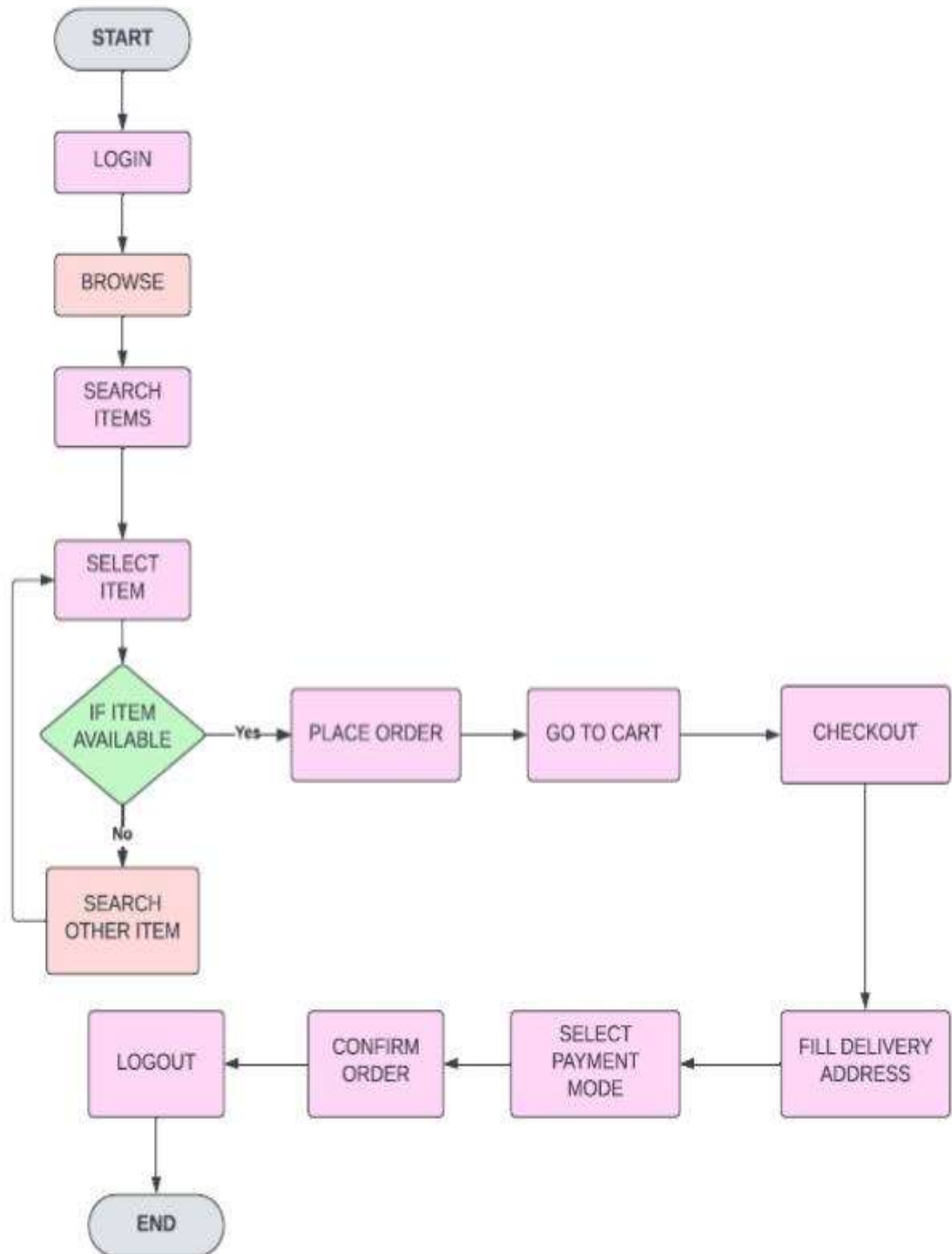
FUNCTIONAL REQUIREMENTS

- New feature addition into existing system.
- Categorical representation of products inside the pantry.
- Essential and non-essential products can be added to the cart.
- Non-intrusive placement of ads into the feature of maximum 5.
- Free deliveries on order above \$30.
- Prominent location should highlight new features on the system.

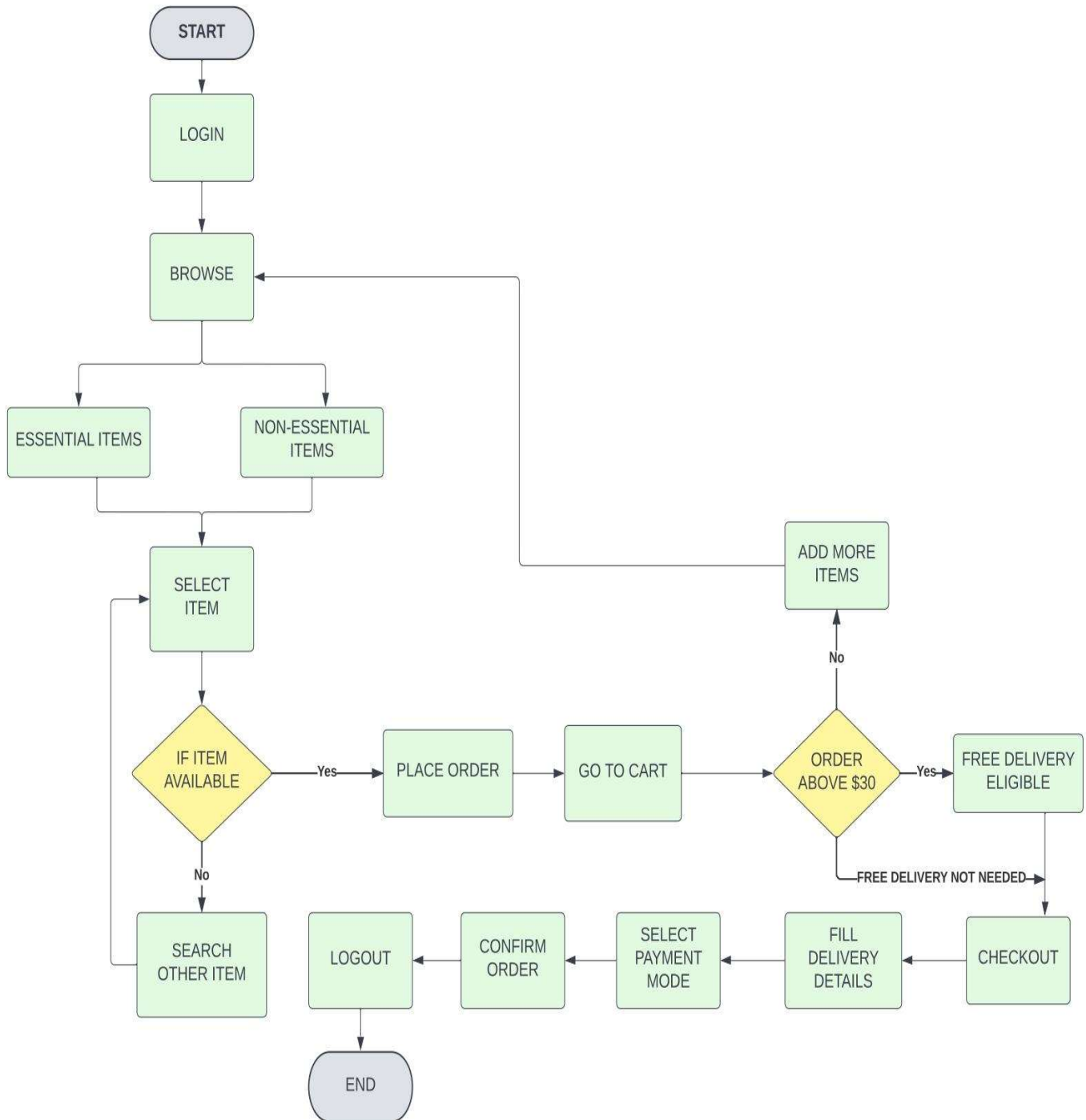
NON-FUNCTIONAL REQUIREMENTS

- New features are to be **maintained** same as existing system.
- System must have **scalability** to support large customer data.
- System should be **secured** against malicious threats.
- User-friendly and self-exploratory.
- System would perform fast and effectively for better ease of use.

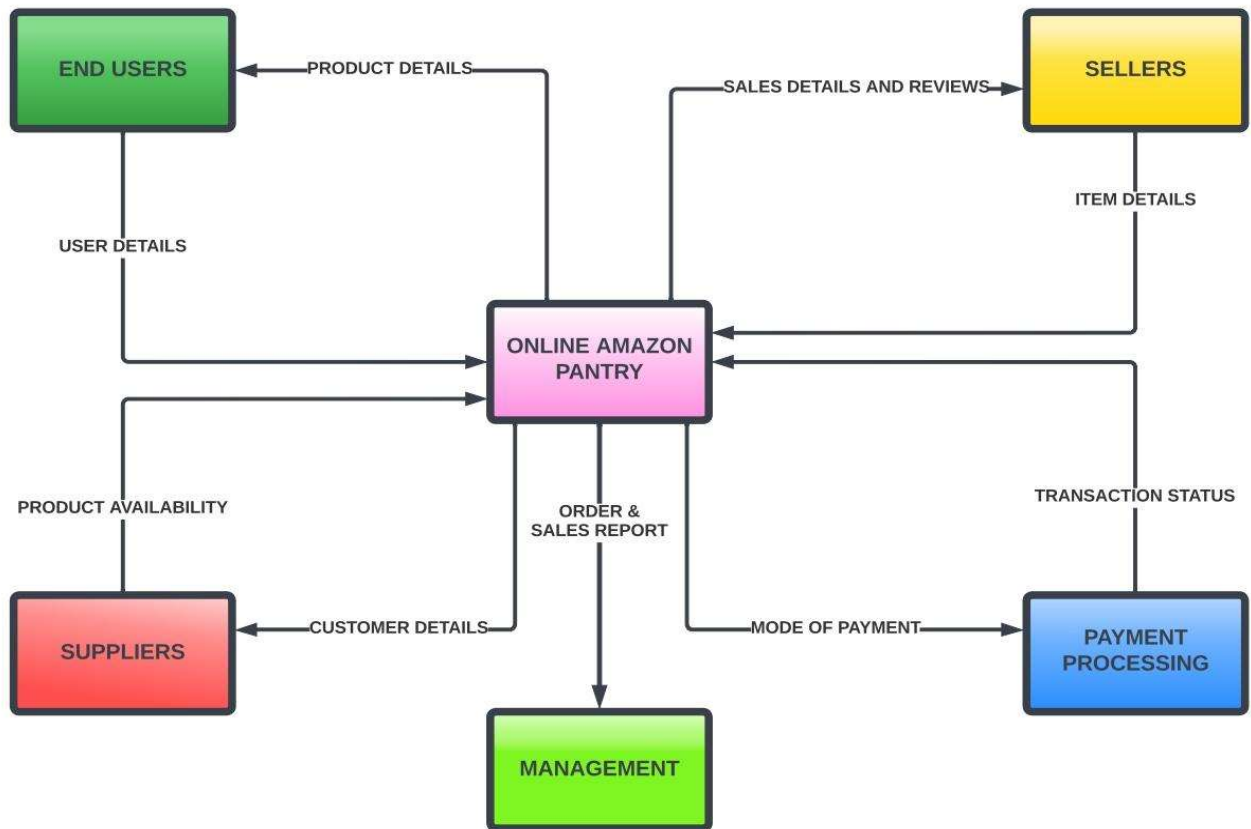
CURRENT PROCESS FLOWCHART



FUTURE PROCESS FLOWCHART (AFTER ADDING NEW FEATURES)



CONTEXT DIAGRAM

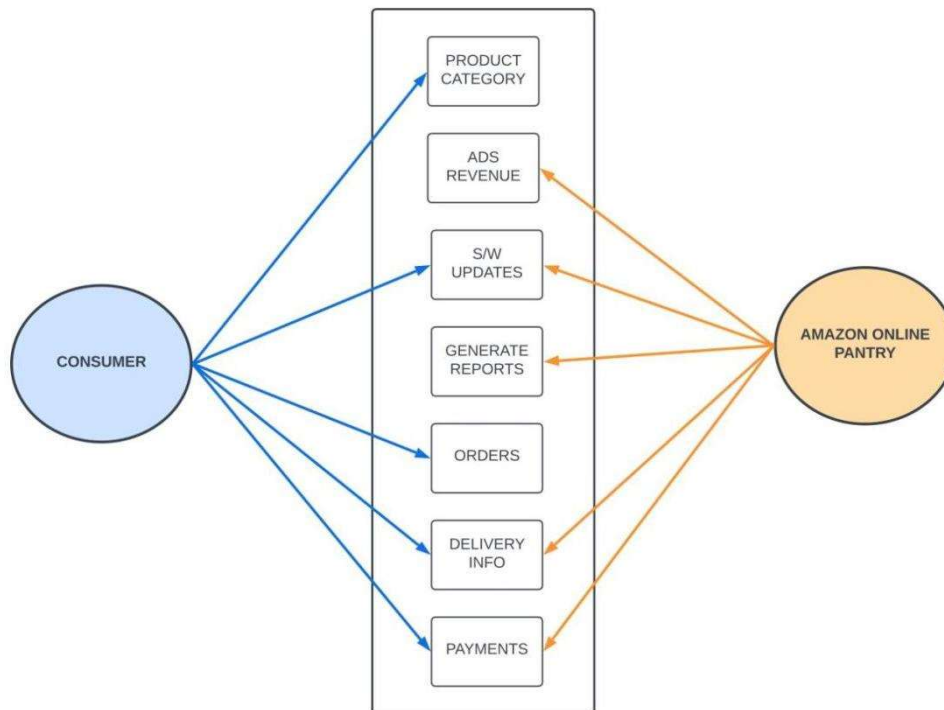


RACI MATRIX FOR ONLINE PANTRY DEVELOPMENT

TASKS	Project Manager	Business Analyst	UI/UX Designer	Developer	Tester
Planning	Responsible	Consulted	Informed	Informed	Informed
Design	Consulted	Accountable	Responsible	Consulted	Informed
Execution	Consulted	Informed	Accountable	Responsible	Accountable
Testing	Accountable	Informed	Informed	Accountable	Responsible
Closing	Responsible	Responsible	Informed	Informed	Accountable

- Responsible
- Accountable
- Consulted
- Informed

SCOPE DIAGRAM



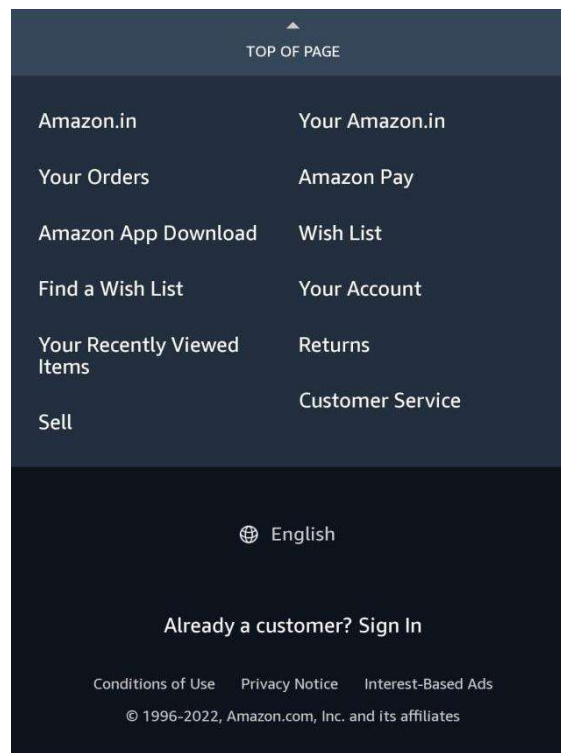
IN SCOPE REQUIREMENTS

- Adding a new feature to the current system.
- Placement of feature in highly visible location
- Status of product availability
- Essential things and non-essential items were both placed to the pantry.
- Deals/Offer are available for both single products and combos.
- 5 advertisements are placed in a feature without being obtrusive.
- Orders above \$30 are eligible for free delivery.
- Reviews are shown underneath the products.
- Items that must be added to the cart or wish list for the checkout process.

OUT OF SCOPE REQUIREMENTS

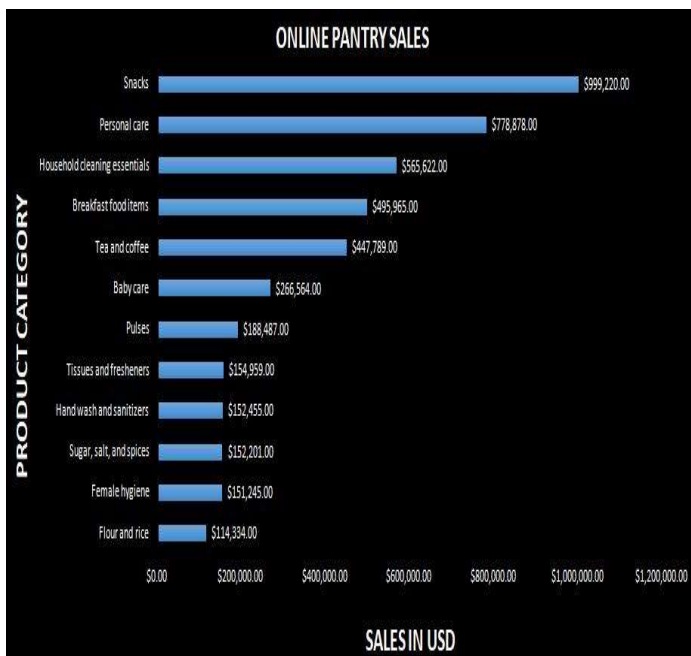
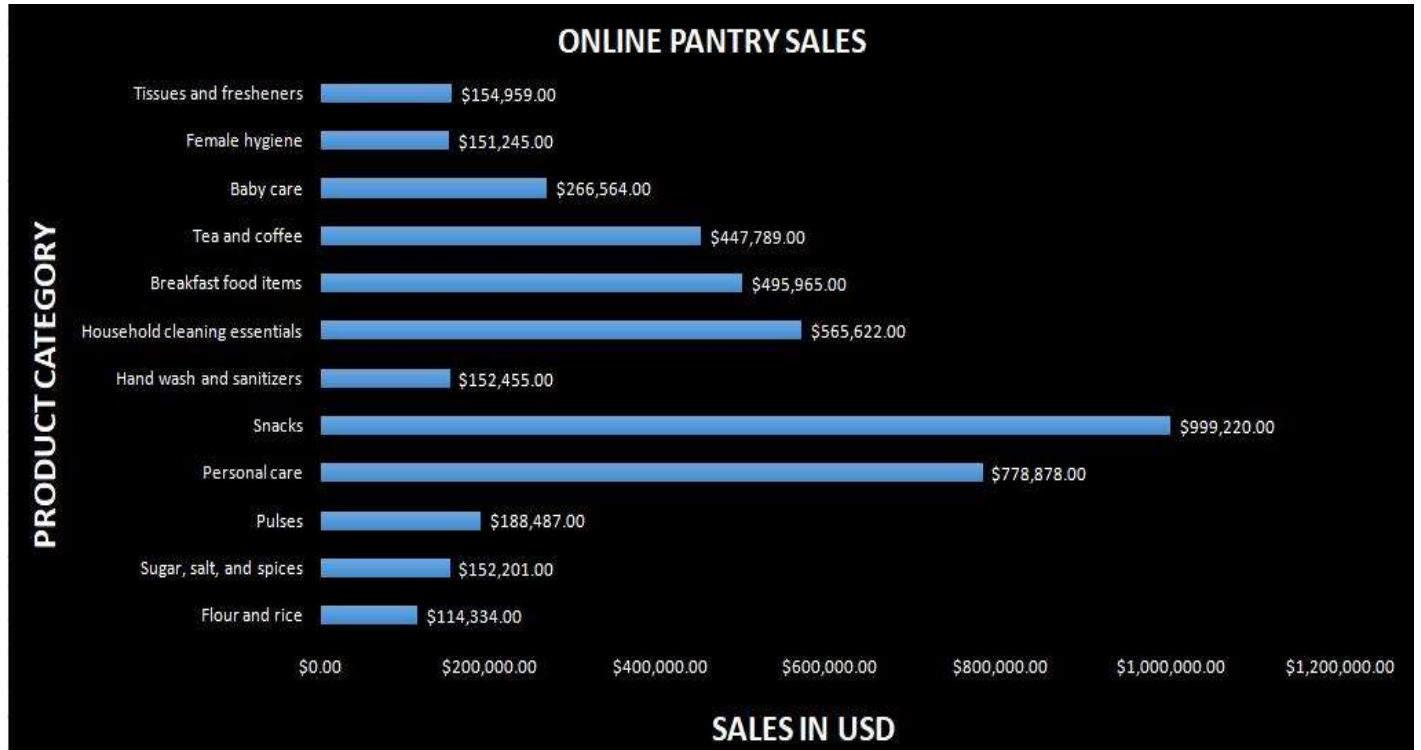
- Access to online pantry in offline / portal mode.
- Additional discounts are offered on specific goods.
- Request for Order Cancellation / Refund Money
- Direct contact to the supplier.
- Auto suggestion active for the products on pantry.
- Free delivery of products below \$30, for limited stocks or time.
- Portal's option for expense prediction.
- Request for a certain delivery time / date.
- Subscriptions for further product discounts that are monthly or annually basis.

WIREFRAMES



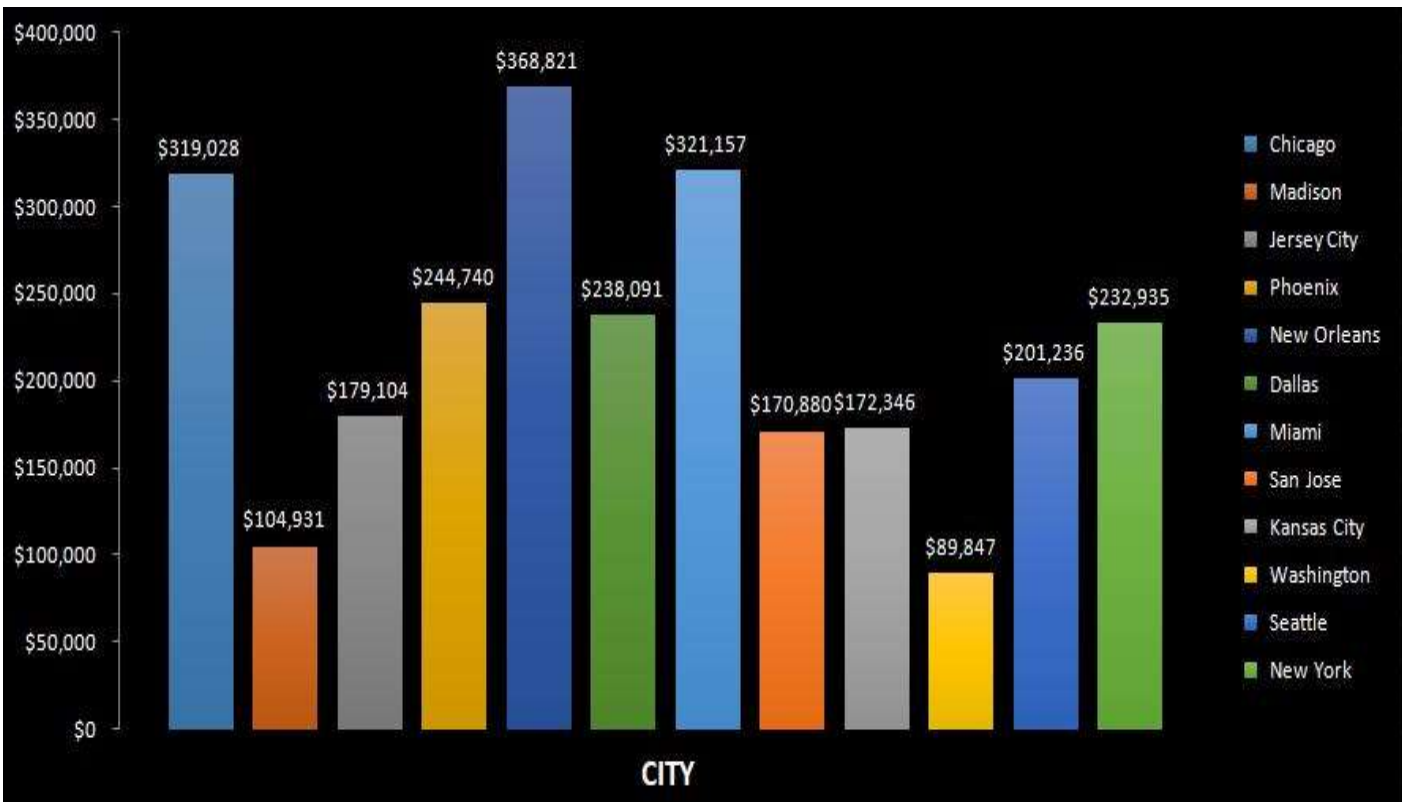
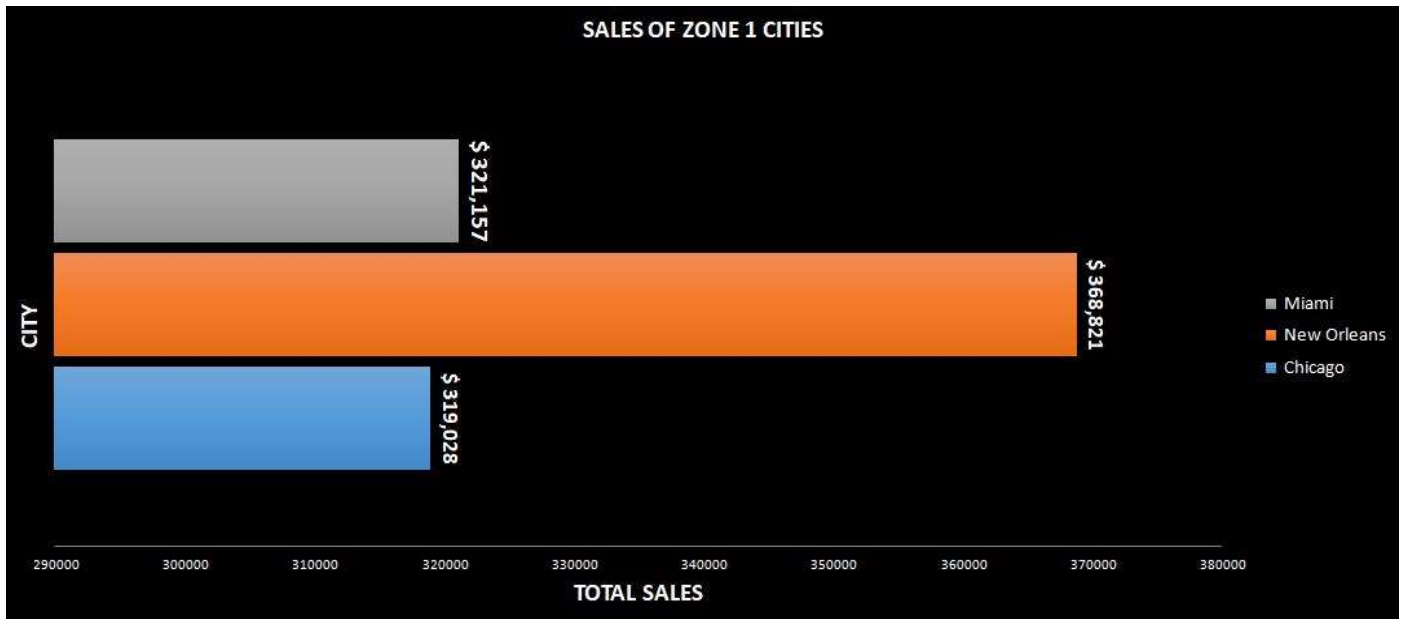
Question 1:

1. Create a bar graph showing the sales. Label the chart correctly so that senior management gets a clear report of sales.
2. Arrange the data above in excel in ascending and descending order.



Question 2:

1. Create bar graphs of sales for zone 1 cities.
2. Find total sales across all cities.



Question 3:

1. Using VLOOKUP for product code HS, find sales in Phoenix.
2. Using VLOOKUP for product code FR, find sales in Dallas.

A	B	C	D	E	F	G	H	I	J	K	L	M	N
		Sales Across various Cities											
Product Categories	Product Code	Chicago	New York	Seattle	Washington	Kansas City	San Jose	Dallas	Miami	New Orleans	Phoenix	Jersey City	Madison
Flour and rice	FR	18,225.00	15,184.00	15,899.00	1,500.00	71,111.00	7,889.00	7,895.00	15,184.00	98,984.00	78,999.00	11,112.00	10,000.00
Sugar, salt, and spices	SSS	15,184.00	15,845.00	7,899.00	1,622.00	15,151.00	15,184.00	45,621.00	15,845.00	41,545.00	45,545.00	10,000.00	20,000.00
Pulses	PS	15,845.00	11,112.00	9,852.00	15,184.00	4,848.00	15,845.00	12,500.00	11,112.00	15,184.00	15,184.00	10,000.00	15,000.00
Personal care	PC	11,112.00	10,000.00	9,624.00	15,845.00	10,000.00	11,112.00	15,242.00	15,455.00	15,845.00	15,845.00	20,000.00	15,184.00
Snacks	SN	15,455.00	20,000.00	15,184.00	11,112.00	20,000.00	10,000.00	1,566.00	15,454.00	11,112.00	11,112.00	15,000.00	15,845.00
Hand wash and sanitizers	HS	15,454.00	15,000.00	15,845.00	1,588.00	1,511.00	20,000.00	18,562.00	18,498.00	15,455.00	1,544.00	15,544.00	11,112.00
Household cleaning	HHC	78,888.00	45,454.00	78,445.00	16,895.00	1,515.00	15,000.00	7,899.00	48,211.00	15,454.00	10,000.00	4,518.00	1,578.00
Breakfast food items	BFI	48,211.00	71,111.00	10,000.00	7,826.00	1,515.00	15,151.00	15,184.00	16,595.00	18,498.00	20,000.00	15,184.00	1,588.00
Tea and coffee	TAC	16,595.00	15,151.00	20,000.00	4,562.00	4,554.00	44,544.00	15,845.00	15,487.00	48,211.00	15,000.00	15,845.00	1,879.00
Baby care	BC	15,487.00	11,111.00	15,000.00	4,552.00	15,184.00	1,515.00	11,112.00	56,451.00	16,595.00	10,000.00	11,112.00	1,233.00
Female hygiene	FH	56,451.00	1,452.00	1,589.00	1,262.00	15,845.00	5,655.00	7,878.00	78,451.00	15,487.00	20,000.00	15,789.00	1,511.00
Tissues and fresheners	TAF	12,121.00	1,515.00	1,899.00	7,899.00	11,112.00	8,985.00	78,787.00	14,414.00	56,451.00	1,511.00	35,000.00	10,001.00

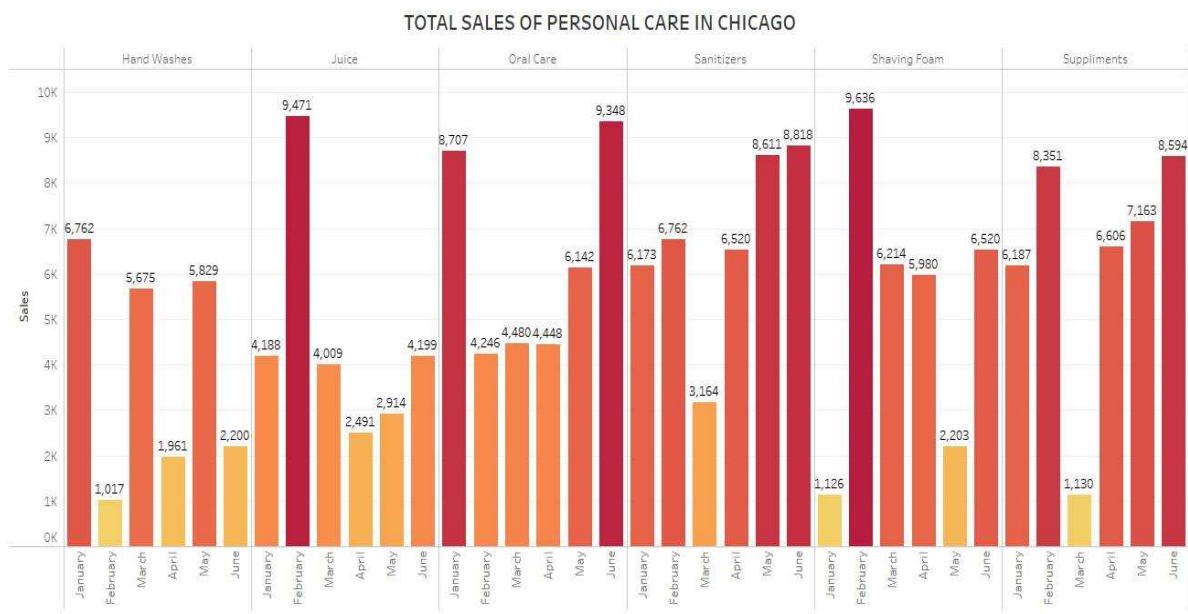
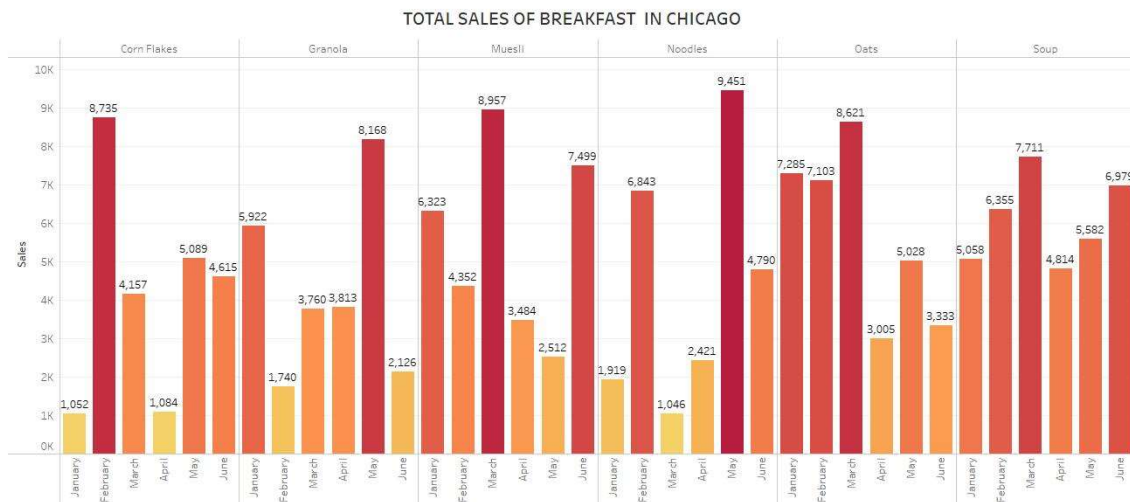
PRODUCT CATEGORY	Product Code	City	Sales Using VLOOKUP
Flour and rice	HS	Phoenix	=VLOOKUP("HS",B1:N14,12,0)

A	B	C	D	E	F	G	H	I	J	K	L	M	N
		Sales Across various Cities											
Product Categories	Product Code	Chicago	New York	Seattle	Washington	Kansas City	San Jose	Dallas	Miami	New Orleans	Phoenix	Jersey City	Madison
Flour and rice	FR	18,225.00	15,184.00	15,899.00	1,500.00	71,111.00	7,889.00	7,895.00	15,184.00	98,984.00	78,999.00	11,112.00	10,000.00
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Tissues and fresheners	TAF	12,121.00	1,515.00	1,899.00	7,899.00	11,112.00	8,985.00	78,787.00	14,414.00	56,451.00	1,511.00	35,000.00	10,001.00

PRODUCT CATEGORY	Product Code	City	Sales Using VLOOKUP
Flour and rice	FR	Dallas	=VLOOKUP("FR",B1:N14,8,0)

1. Create a dashboard for senior management for Chicago to view sales of personal care products for the last 6 months. Make assumptions as appropriate and create the dashboard using your own mock data. For any missing data make your assumptions to create mock data. Write down the assumptions as well.

2. Create a dashboard to show Senior Management for Chicago to view sales of breakfast products for the last six months. Make assumptions as appropriate and create the dashboard using your own mock data. For any missing data make your assumptions to create mock data. Write down the assumptions as well.



1. Make a product backlog of user stories for the given case study. User Stories should be in the format of As a <type of user>, I want <goal> so that <reason>
2. For each story, write the acceptance criteria.

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Backlog

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AJ Sprint 5 1 issue

CREATING A ONLINE PANTRY SYSTEM INTO A EXISTING SYSTEM AJ-33

Description
The idea is to create an online pantry service within Amazon's existing shopping system. A few features and products will be added into the existing system which will help the users to access the pantry and order online.

Backlog 1 issue

☒ Adding products into the system category wise. AJ-34

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AJ Sprint 6

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TO DO	IN PROGRESS	DONE
	<div>Creating category and sub category for the new products. <input checked="" type="checkbox"/> AJ-35</div>	

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TO DO	IN PROGRESS	DONE
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