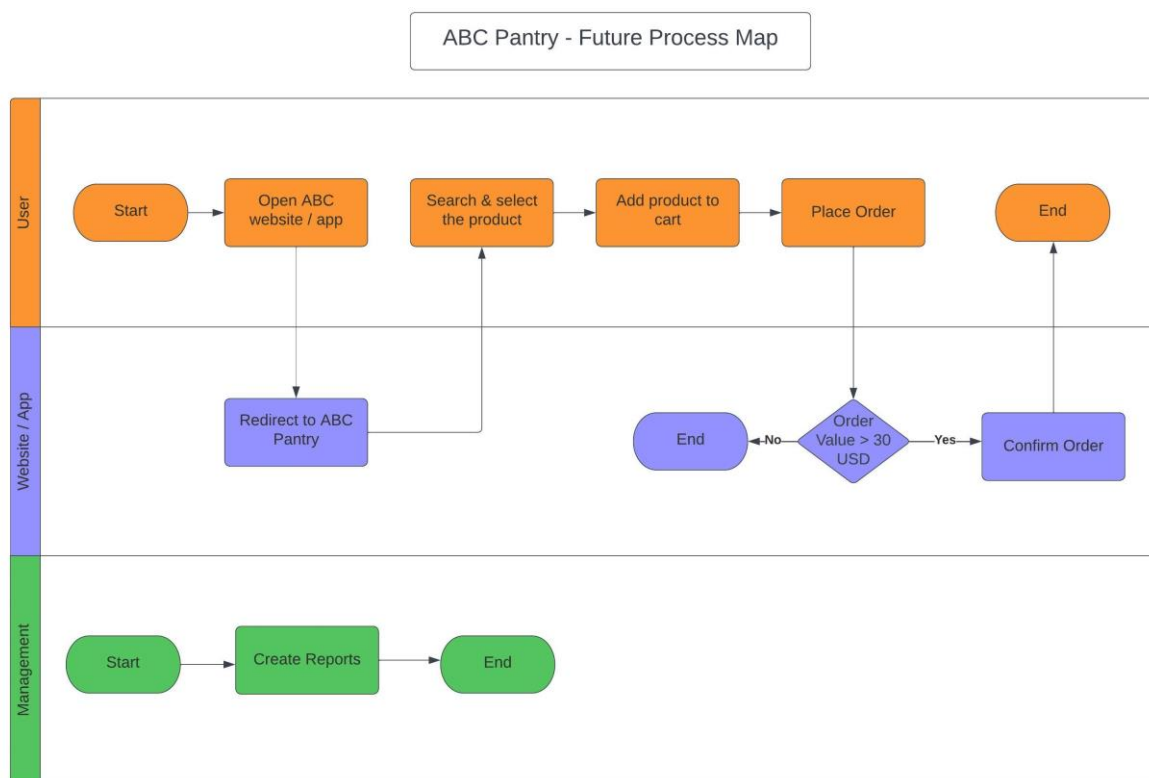


ABC Pantry

Stakeholders

ACTOR	What they can do on the software created
Customer	<ul style="list-style-type: none">• The customer will have a new option called ABC Pantry.• On clicking on this option customer will able to see the new range and categories of household products.• Customers should be able to search for the product which they wish to buy.• Customers will be able to add their choice of product to the cart.• To place an order customer will need to order for at least 30 USD.• For free delivery customer will need to place an order of a minimum 50 USD.
Management	<ul style="list-style-type: none">• Software will create various reports and it will send it to the management team.

As-Is and Future Process Map



Scope of the System

ABC Company is the world's leading e-commerce company. They started their business by selling books online and now they are selling more than 06 million products online. The company has a very strong customer base for non-essential products. Now company has noticed that every household needs daily essential products. The company also seeing very huge market for daily essential products, so the company is launching this venture called ABC Pantry. This Venture will be an additional feature in the current system that's on the website and app. Because of this feature customers will visit the website and app for daily essentials items and it will result in a repeating order every month.

The main features of the system

ABC Pantry

ABC company will add the ABC Pantry feature to the current website and app. Using this feature customers can order daily essentials products.

Search Option

This feature will have a grouping list of the products into multiple categories. Customers can search the products using this feature.

Advertisement

ABC Pantry will be able to show up to five advertisements. Using this company will increase their advertisement revenue.

Free Delivery

If a customer places an order of more than 50 USD, the customer will get free delivery.

Reports

The system will create multiple reports for the management team.

In Scope Items

- The existing system will have a feature called ABC Pantry.
- After clicking on this feature customer will be redirected to the new range and category of the products.
- There will be different categories of the product and customers will also able to search the essential products using this.
- This feature will have space to show advertisements.
- Customer should be able to items into a shopping cart. They can add items into cart with the non-essential items too.
- To place an order, the customer will need to purchase for the minimum amount of 30 USD.
- Customers will get free delivery if they purchase for 50 USD.
- Currently ABC pantry is limited to specific cities.

- The system will create multiple sales reports for the management team.

Out-of-Scope Items

- The user will not have any minimum amount condition to place an order.
- Free delivery option will be there with more options and fewer conditions.
- ABC Pantry will be expanded to more cities.

Business Requirements

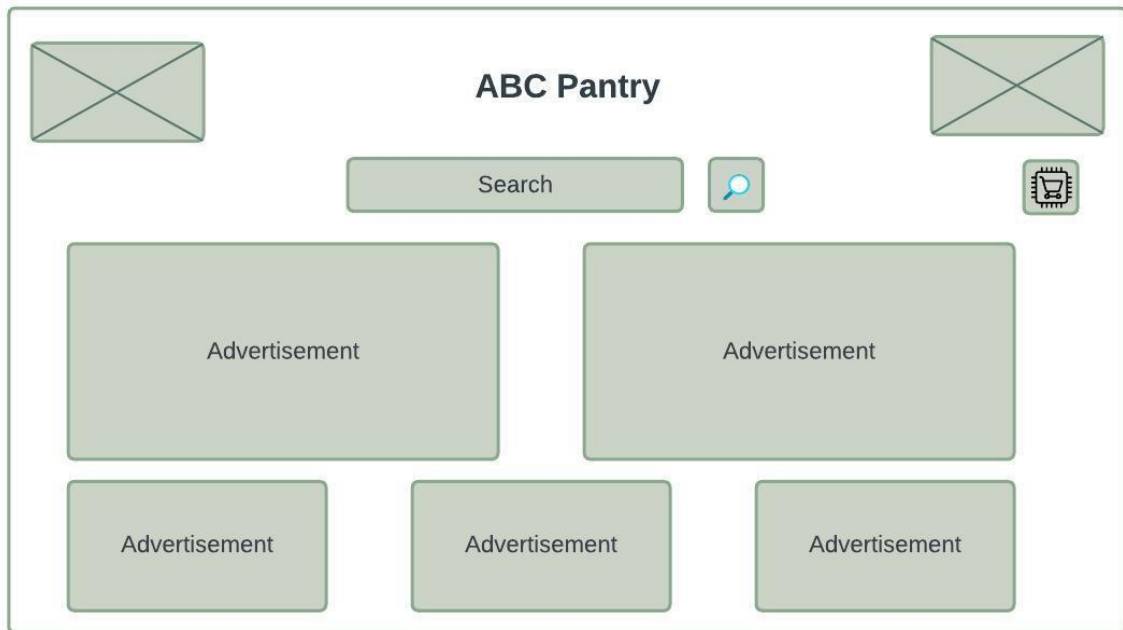
Functional Requirements

- The existing system should have new feature called ABC Pantry.
- On clicking on this feature, customer should redirect to the new categories and range of products.
- There should be logical grouping and categories of a product and feature. Also customer should be able to search the products which they wish to buy.
- ABC pantry should show five advertisements.
- ABC pantry should have feature to display the offers.
- Customers should be able to add these items to cart.
- The software should not allow customers to place total order below 30 USD.
- For order above 50 USD, delivery should be free.
- This software should have feature by using that management team can generate the reports.

Non-functional Requirements

- ABC pantry should be at a prominent visible area on website and app.
- The advertisement should not be too intrusive to distract customers' interaction with ABC pantry.

Wireframe for ABC Pantry Advertisement



Wireframe for ABC Pantry Category



AGILE SCRUM

Product backlog user stories with acceptance criteria

#	TITLE	DISCRIPTION	ACCEPTANCE CRITERIA
1.	As a customer I want ABC pantry feature so I can order my daily essential thing.	ABC company will launch ABC pantry which will sell daily essential products.	This feature should add in the existing system and add on website and app.
2.	As a customer I want new range of category list so I can check the different category and verity of the products.	After clicking on this feature, system will show the list of category of the products.	System should open up the new range of category of product.
3.	As a customer I want this feature prominently visible so I can easily find this feature and it will be more visible.	This feature should show at the prime place so it can be easily visible.	This feature should easily take attention of customer and should be easily visible on the app and website.
4.	As a customer I want logical grouping of the product so I can search daily essentials items which I wish to buy.	There will be a grouping of products so customers will able to search the product.	*Grouping of the products should be logical *System should show the product which customer search.
5.	As a management I want to display advertises so I can increase the advertisement revenue.	Company will increase the advertisement revenue by displaying ads.	Advertisement should not be too intrusive to spoil the customer's interaction ABC pantry.
6.	As a customer I want to see certain offers created for me so I can buy products under the offers.	Company will display the offers created for the customers.	Customers should able to see the offers created for them.
7.	As a customer I want to add products to the cart so I can buy product and place an order.	Customer will able to add the product of their choice to the cart.	Customer should able to add essential items to the cart with the non-essentials items.
8.	As customers I want to add minimum 30 USD order so I can place an order.	Theirs is a minimum limit of order is 30 USD.	*The software should not allow customer to place an order below the 30 USD. Has to exceed 30 USD. *Individual item can be less than 30 USD but total order price has to exceed 30 USD.
9.	As a customer I want to place order above 50 USD so I can get a free delivery.	Customer will get free delivery with the minimum order of 50 USD.	To get free delivery order need to exceed 50 USD.
10.	As a management I want daily reports so I can track the performance of the venture.	Management will get multiple reports on day to day basis.	Reports should generate reports in a specific format given by the management.

TABLEAU

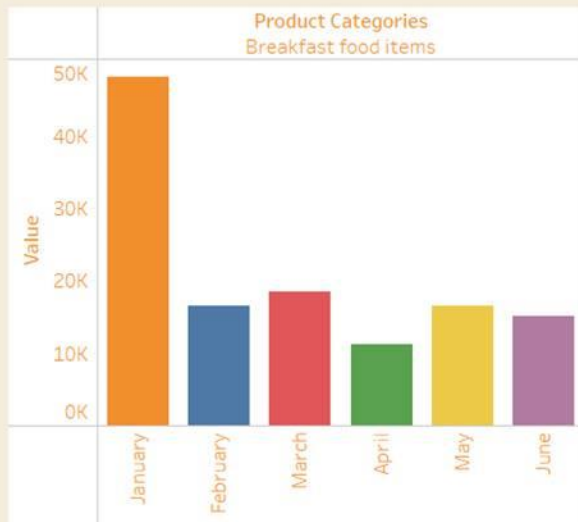
Six Month Personal Care Product Sales Report for Chicago City



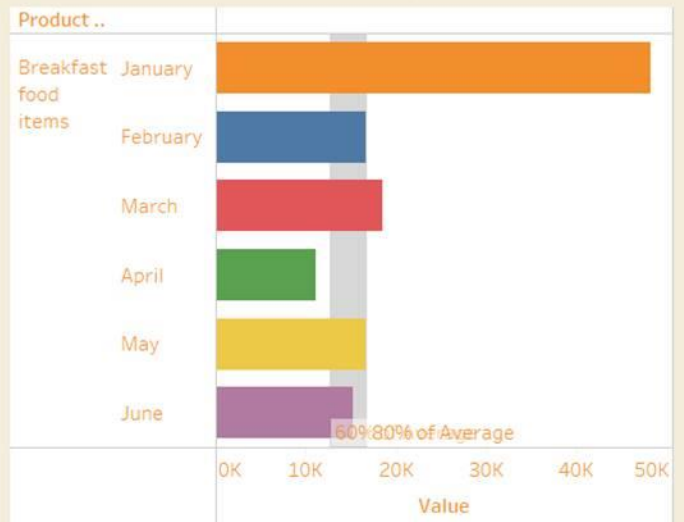
Six Month Breakfast Product Sales Report for Chicago City

Breakfast Product Report - Chicago City

Monthly Sales



Monthly Sales with Average Band



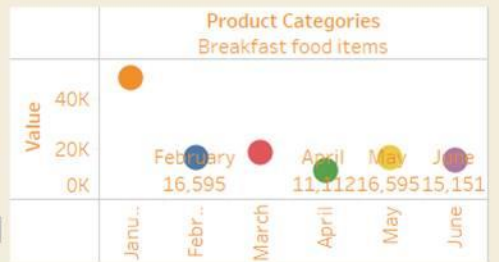
All Categories Sale

Product ..	April	Count..	Febru..	Janua..	June	March
Baby care	15,487	1	56,451	15,487	1,515	16,595
Breakfas..	11,112	1	16,595	48,211	15,151	18,498
Female h..	87,844	1	78,451	56,451	5,655	15,487
Flour an..	1,500	1	15,184	18,225	7,889	98,988
Hand wa..	15,184	1	18,498	15,454	20,000	15,451
Househo..	15,845	1	48,211	78,888	15,000	15,451
Personal ..	15,845	1	15,455	11,112	11,112	15,845
Outs...	15,184	1	11,112	15,845	15,845	15,184

Monthly Sale

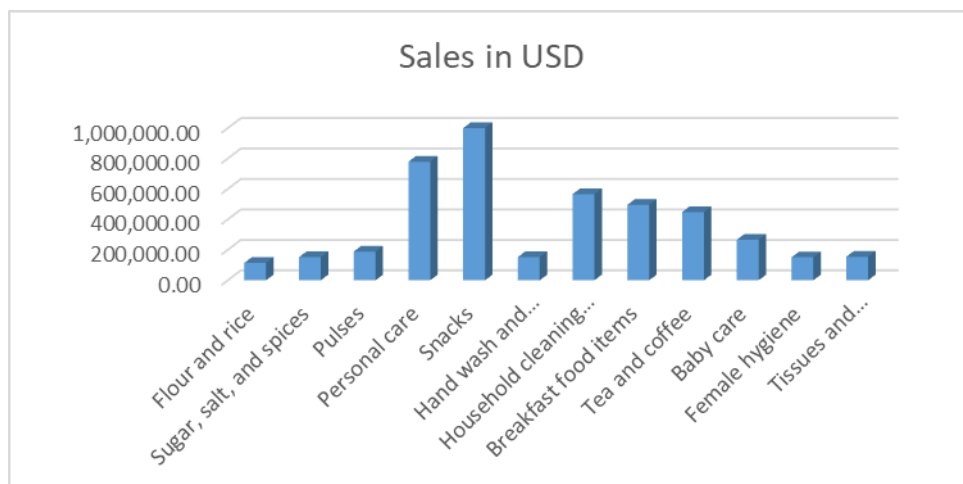
January	48,211
February	16,595
March	18,498
April	11,112
May	16,595
June	15,151

Sales in Circle View



EXCEL

Product wise sales bar graph



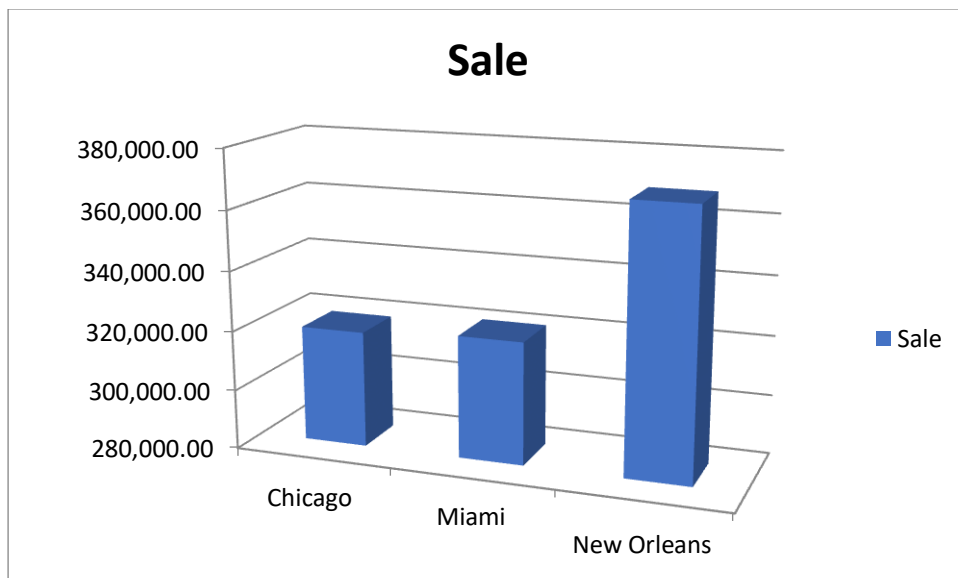
Product wise sales in ascending order

Product Categories	Sales in USD
Flour and rice	114,334.00
Female hygiene	151,245.00
Sugar, salt, and spices	152,201.00
Hand wash and sanitizers	152,455.00
Tissues and fresheners	154,959.00
Pulses	188,487.00
Baby care	266,564.00
Tea and coffee	447,789.00
Breakfast food items	495,965.00
Household cleaning essentials	565,622.00
Personal care	778,878.00
Snacks	999,220.00

Product wise sales in descending order

Product Categories	Sales in USD
Snacks	999,220.00
Personal care	778,878.00
Household cleaning essentials	565,622.00
Breakfast food items	495,965.00
Tea and coffee	447,789.00
Baby care	266,564.00
Pulses	188,487.00
Tissues and fresheners	154,959.00
Hand wash and sanitizers	152,455.00
Sugar, salt, and spices	152,201.00
Female hygiene	151,245.00
Flour and rice	114,334.00

Bar graph for Zone 1 cities



Total sales across all the cities

City	Sale
Chicago	319,028.00
New York	232,935.00
Seattle	201,236.00
Washington	89,847.00
Kansas City	172,346.00
San Jose	170,880.00
Dallas	238,091.00
Miami	321,157.00
New Orleans	368,821.00
Phoenix	244,740.00
Jersey City	179,104.00
Madison	104,931.00
Total Sale	2,643,116.00

Sales in Phoenix for product code HS with vlookup function

The sale for product code HS for the Phoenix City	1544
= VLOOKUP(B8,B1:N18,11,FALSE)	

Sales in Dallas for product code FR with vlookup function

The sale for product code FR for the Dallas City	7895
= VLOOKUP(B3,B1:N18,8,FALSE)	