Grocery Online Delivery System

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Project description

This project is an online grocery store application which helps consumers to get easy access to their daily basic needs.
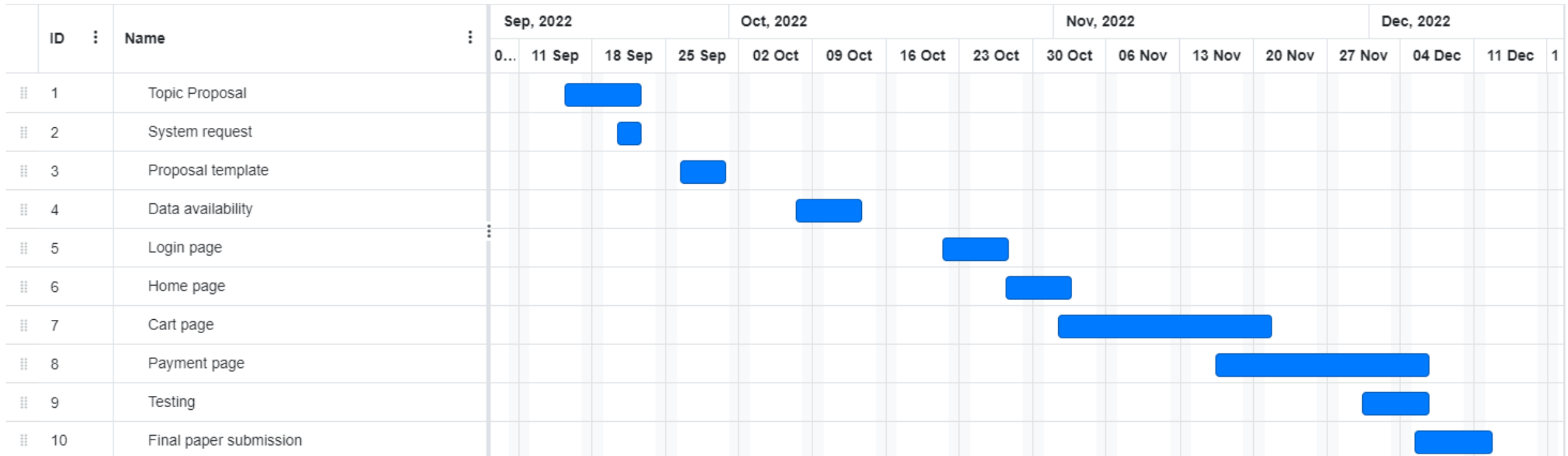The main goal of creating a grocery app in connection with a grocery store is to offer a customer loyalty program that will help to keep the current customers and draw in new ones. Offering a tailored and incredibly straightforward user experience is one of the most important methods to increase loyalty.

Here in this project, we are going to create a grocery application for grocery store, the main aim of this application is to provide the customers an easy and quick access to the items at the store with an online application and most of the customers who travel so far find it difficult to grab the products from the store, through our application we can avoid extra miles on the automobiles, as well as save money on gas and parking, by opting to purchase online for delivery.
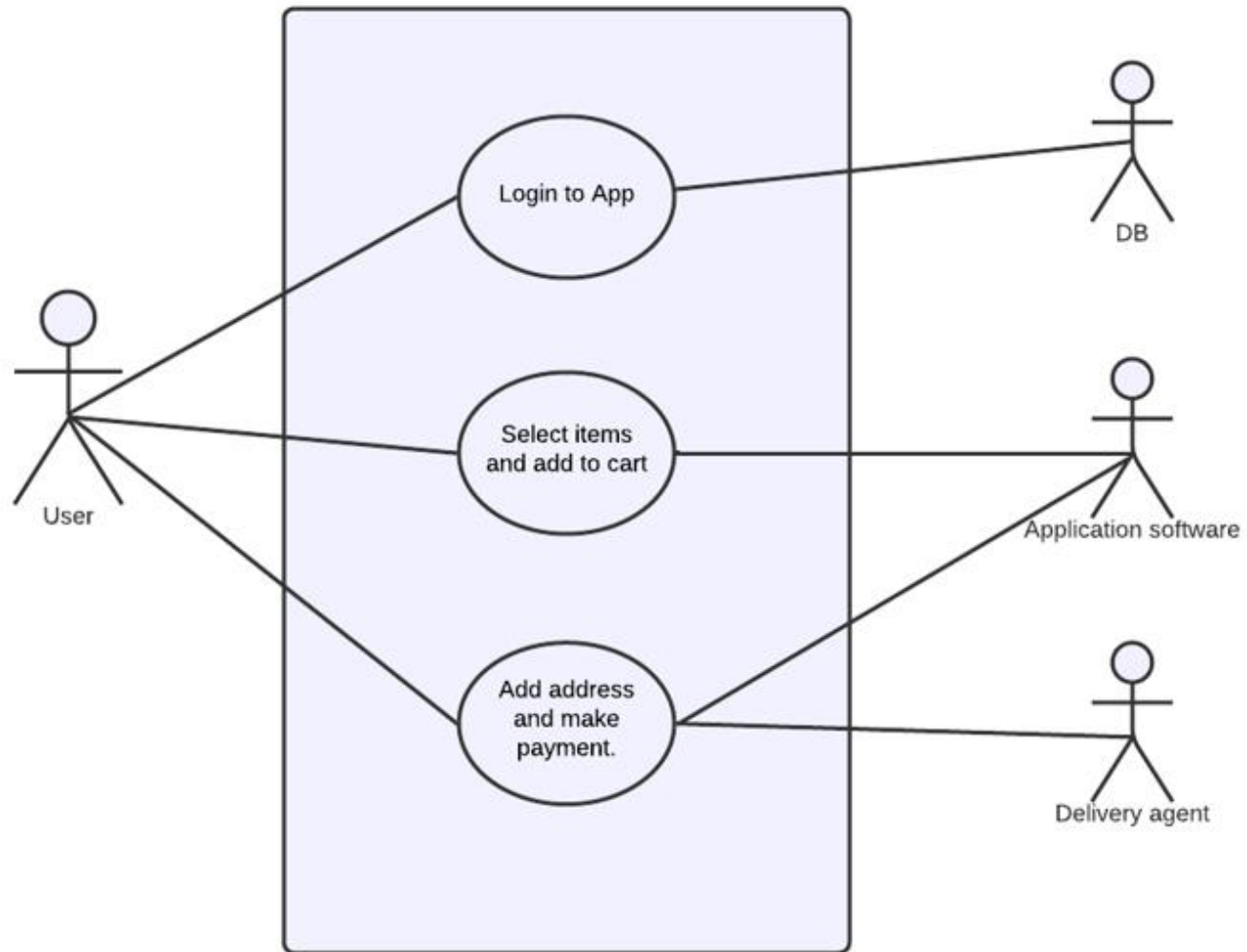
Project timeline

Task Name	Start	End	Duration (days)
Topic Proposal	09-15-2022	09-20-2022	6 days
System request	09-20-2022	09-23-2022	3 days
Proposal template	09-26-2022	09-30-2022	5 days
Data Availability	10-07-2022	10-11-2022	5 days
Login page	10-21-2022	10-25-2022	6 days
Home page	10-27-2022	10-31-2022	5 days
cart page	11-01-2022	11-15-2022	15 days
payment page	11-16-2022	11-30-2022	15 days
Testing	11-30-2022	12-05-2022	6 days
Final paper submission	12-06-2022	12-12-2022	7 days

Gantt Chart

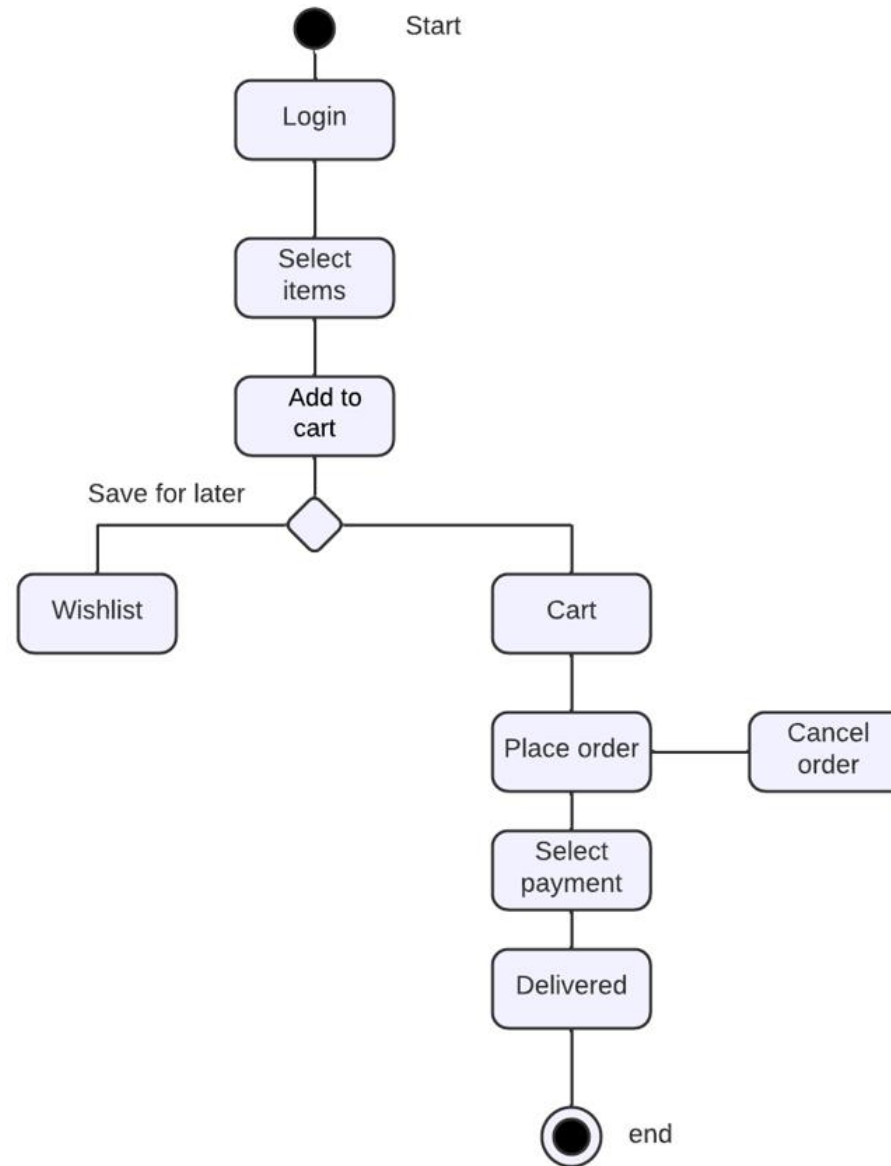| ID	Name		Sep, 2022				Oct, 2022				Nov, 2022				Dec, 2022	
		0...	11 Sep	18 Sep	25 Sep	02 Oct	09 Oct	16 Oct	23 Oct	30 Oct	06 Nov	13 Nov	20 Nov	27 Nov	04 Dec	11 Dec	1
1	Topic Proposal		███													
2	System request			██												
3	Proposal template				██											
4	Data availability					███										
5	Login page								██							
6	Home page									██						
7	Cart page									████████						
8	Payment page											████████				
9	Testing													██		
10	Final paper submission														██	

Use case

Activity diagram

Requirement(s)

Functional requirements

1.Login

•The System SHALL allow customer, vendor and delivery agent to register an account.

•The System SHALL allow user to login to the application system.

2.Selecting items

•System SHALL enables the user to select the products that he wants to get home delivery.

•There shall be a zoom option for product images on the page.

3.cart

•User shall be able to select items from various categories.

•System SHALL allow vendor to add products and services in the cart.

4.Payment

•Payment option shall be displayed when a user clicks on the payment icon.

•Customers shall provide their card details to purchase products.

Requirement(s)

Non-Functional requirements

1.Login

•User shall be able to login with correct login details.

2.Payment

•System SHALL run without any buffer during payment method.

•System SHALL secure sensitive data of User like card details.

3.Adding items

•The system shall be easy to navigate interface.

•User shall be able to add items which are currently available.

Current Implementation:

Data collection

	Rice / Grains / Pulses				Salt / Sugar / Spices		
S.No	Items	Qty Required	Amount	S.No.	Items	Qty Required	Amount
1	Rice - Meals			1	Iodized Salt		
2	Rice - Boiled			2	Rock Salt		
3	Rice - Basmati			3	Sugar		
4	Dosa Rice			4	Sugar Free		
5	SagoRice [SabuDana]			5	Crystal Sugar		
6	SplitRedGram [Toor Dal]			6	Jaggery [Gud]		
7	GreenGram [Moong Sabut]			7	Tamarind [Imli]		
8	Green Gram Split [Moong Dal]			8	DryChilli [SukhaMirchi]		
9	BlackGram [UradGota]			9	CorianderSeeds [Dhaniya]		
10	Black Gram Split [Urad Dal]			10	Fenugreek Seeds [Methi]		
11	BengalGram [Chana]			11	MustardSeeds [Sarson]		
12	Bengal Gram Split [Chana Dal]			12	SesameSeeds [Til]		
13	HorseGram [Kulthi]			13	Peppercorn [KaliMirch]		
14	RedLentil [Masoor Dal]			14	Cumin [Jeera]		
15	GreenChickpea [Hara Chana]			15	CarawaySeeds [ShahJeera]		
16	Fried Gram			16	PoppySeeds [KhusKhus]		
17	Black-EyedPea [Chowli]			17	Cardamom [Elaichi]		
18	Chickpeas [Kabuli Chana]			18	Black Cardamom [Badi Elaichi]		
19	GroundNut [Moongfalli]			19	Clove [Lavang]		
20	KidneyBeans [Rajma]			20	Fennel [Saunf]		
21	TurkishGram [Mott/ Matki]			21	BayLeaf [Tez Patta]		
22	Wheat [Gehu]			22	Cinnamon [Dalchini]		

				23	Mace [Javitri]		
23	FingerMillet [Ragi]			24	Fenugreek Leaves [Kasuri Methi]		
24	Green Peas Dry [SukhaMatar]			25	Nutmeg [Jaiphal]		
	Flours (Atta) / Semolina (Rava) / Processed Grains			26	StarAnise [Ananaska pool]		
1	WheatFlour [Gehuka Atta]			27	CaromSeeds [Ajwain]		
2	RiceFlour [Chavalka Atta]			28	WhitePepper [Safedmirchi]		
3	All-Purpose Flour [Maida]			29	Saffron [Kesar]		
4	GramFlour [Besan]			30	Turmeric Sticks [Haldi Gota]		
5	Cornflour [Makkeka Atta]			31	Turmeric Powder [Haldi]		
6	Wheat Semolina [Upma Rava]			32	NigellaSeeds [Kalonji]		
7	RiceSemolina [Rice/Idli Rava]			33	CuminPowder [JeeraPowder]		
8	Broken Wheat [Daliya]			34	FenugreekPowder[DhaniyaPowder]		
9	FingerMilletFlour[RagiFlour]			35	Pepper Powder [Kalimirch Powder]		
10	BansiRava [Bangalore Rava]			36	Asafoetida [Heeng]		
11	BeatenRice [Poha]			37	Dried Mango Powder [Amchur]		
12	PuffedRice [Murmura]			38	DriedGinger [Sonth]		
13	Semolina [Semiya]			39	Garcinia [Kokum]		
14	Roasted Rava						

	Ground Spices / Masalas				Dairy / Frozen Food		
S.No	Items	Qty Required	Amount	S.No.	Items	Qty Required	Amount
1	KesarMilk Powder			1	Milk		
2	Tea Masala			2	Milk Powder		
3	Garam Masala			3	Butter		
4	Kitchen King			4	Cheese		
5	Pav Bhaji Masala			5	Khova		
6	Cholle Masala			6	Fresh Cream		
7	Rajma Masala			7	Curds		
8	Sabzi Masala			8	Paneer		

Current Implementation:

Login Page

Username

Enter Username

Password

Enter Password

Login

☑ Remember me

Cancel

Forgot password?

THANK YOU