



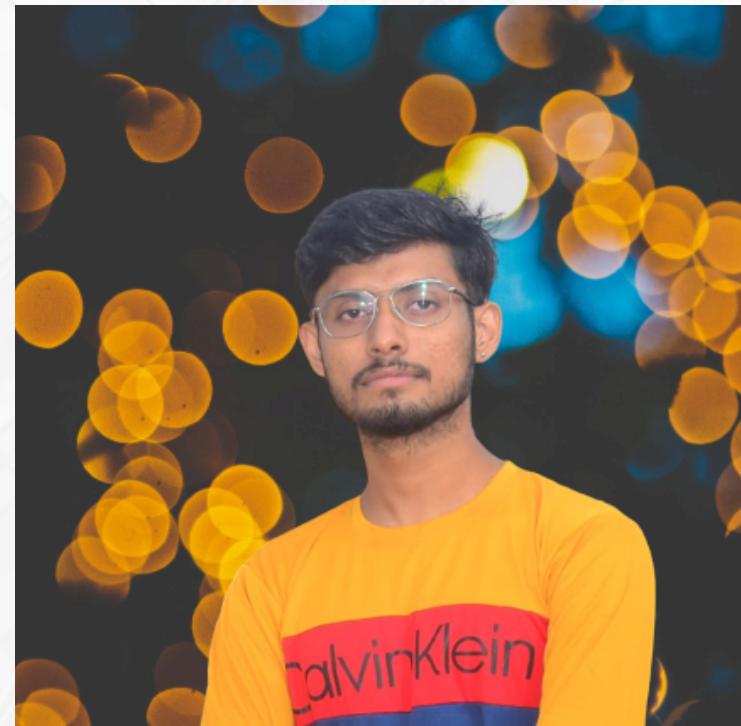
Connecting The Nation

•◦ Team Members ◦•



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PROBLEM DEFITION

PROBLEM



Problem definition: The problem is based in the context of Nepal. As we go to the upper level of Nepal like places Muglin, Manang, Mustang, Dang then most of the people over there faces the problem of vegetables and food stuffs that can't reach over there on time and due to the lack of automation and supply innovative even they can't distribute their products to other places of Nepal.

We found that approximately 50-55 % of the customers that we interviewed are facing this problem.

Existing Alternatives: The people over there just go to the vegetables shop near by their home and bought from there.

We used Google forms and phone calls to arrive at these findings.

WHAT IS KRISHI YATRA

AN APP FOR THE BUSINESS; BY THE BUSINESS.

Krishi Yatra is an Innovative solution for Agriculture Supply Chain Management Systems.

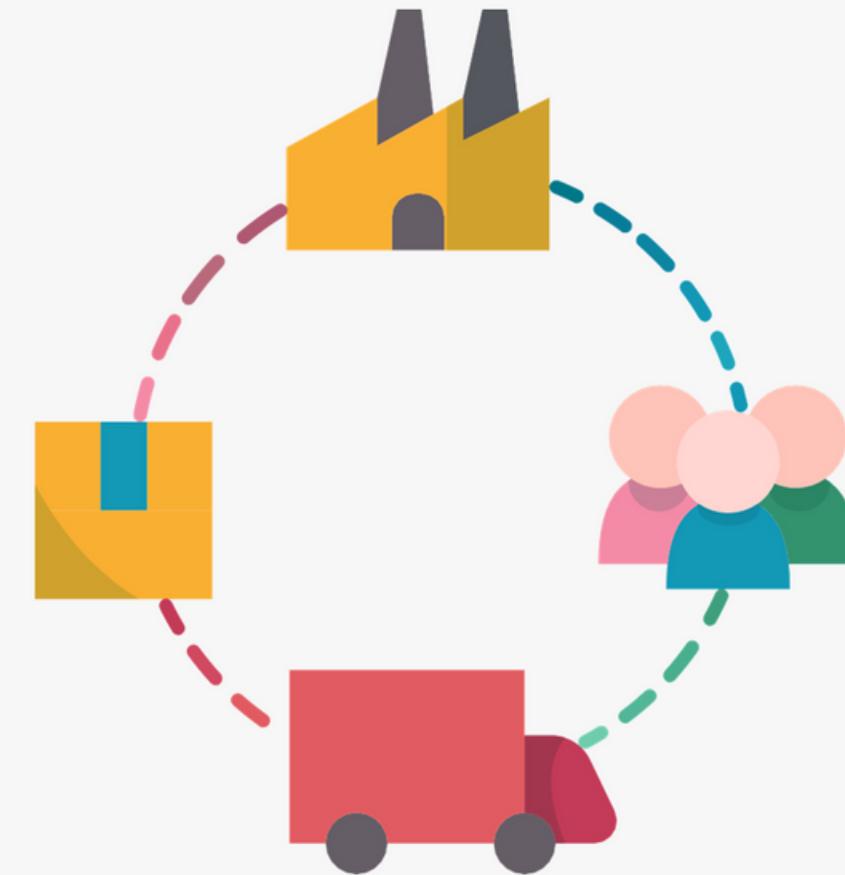
A small step toward our farmers digitalizing the process of supply gap between farmers and the market.

WHY KRISHI YATRA

AN APP FOR THE BUSINESS; BY THE BUSINESS.

B2B

- Sell an item directly to the customer or business
- An app for automating **Supply Chain**.
- Transforming offline business to online.
- Collaborative commerce.
- Autopilot the business.
- Push sales.
- Rack management.



SOLUTION DESC:

SOLUTION



Solution description:

We offer a service to people which will provide the fresh vegetables to their door steps with automating the supply chain system of agriculture model of Nepal.

Currently the customers are addressing the problem by going outside to buy vegetables.

Our solution offers customers the benefit of fresh and organic vegetables at their door step at low cost.

The details of our offering consist of:

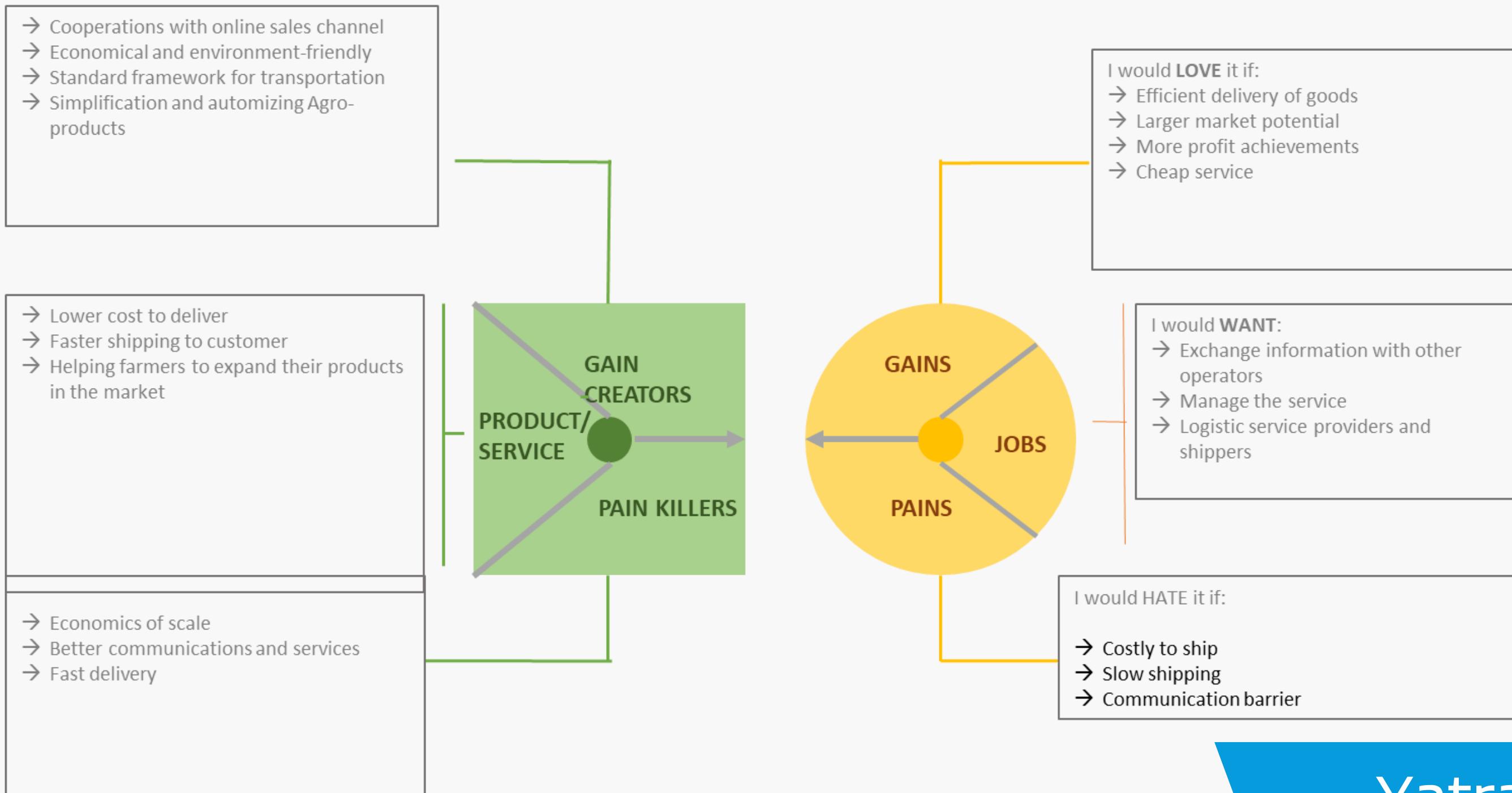
1. Fresh and organic vegetables at their doorstep.
2. Sometimes, the small farmers they can't even sell their own vegetables products to the market so, automating through tech we will reach to them and we will supply their product to the market.

Why this business will work in our market/region or country:

- Krishi Yatra is an Innovative solution for Agriculture Supply Chain Management Systems. A small step toward our farmers digitalizing the process of supply gap between farmers and the market.
- Sell an item directly to the customer or business
- An app for automating Supply Chain.
- Transforming offline business to online.
- Collaborative commerce.
- Autopilot the business.

PROPOSITIONAL CANVAS

VALUE PROPOSITION CANVAS



WORK DONE BY EACH MEMBERS

Bibek Kumar Sah	SRS
Dhiraj Prajapati	Diagrams
Shikat Mahmud	Wire frames + Frontend Design
Sanjay Kumar Sah	App Development

REQUIREMENT OF YATRA

AN APP FOR THE BUSINESS; BY THE BUSINESS.

Functional Requirements

- Logistic Management.
- Transportation Details
- Materials Management.
- DataBackup.
- Payment system ,
- Inventory Management for Retailer
- Warehousing .

Non Functional Requirements

- Performance Requirements.
- Safety Requirements.
- Availability Requirements
- Security Requirements.
- Maintainability Requirements.
- Portability.

TECHNOLOGY

AN APP FOR THE BUSINESS; BY THE BUSINESS.

Hardware Interfaces

- The System has no hardware interface requirement till yet .
- For billing it will require somehow hardware interfaces for bill scanning all, but right now we haven't used any hardware interface.

Technology

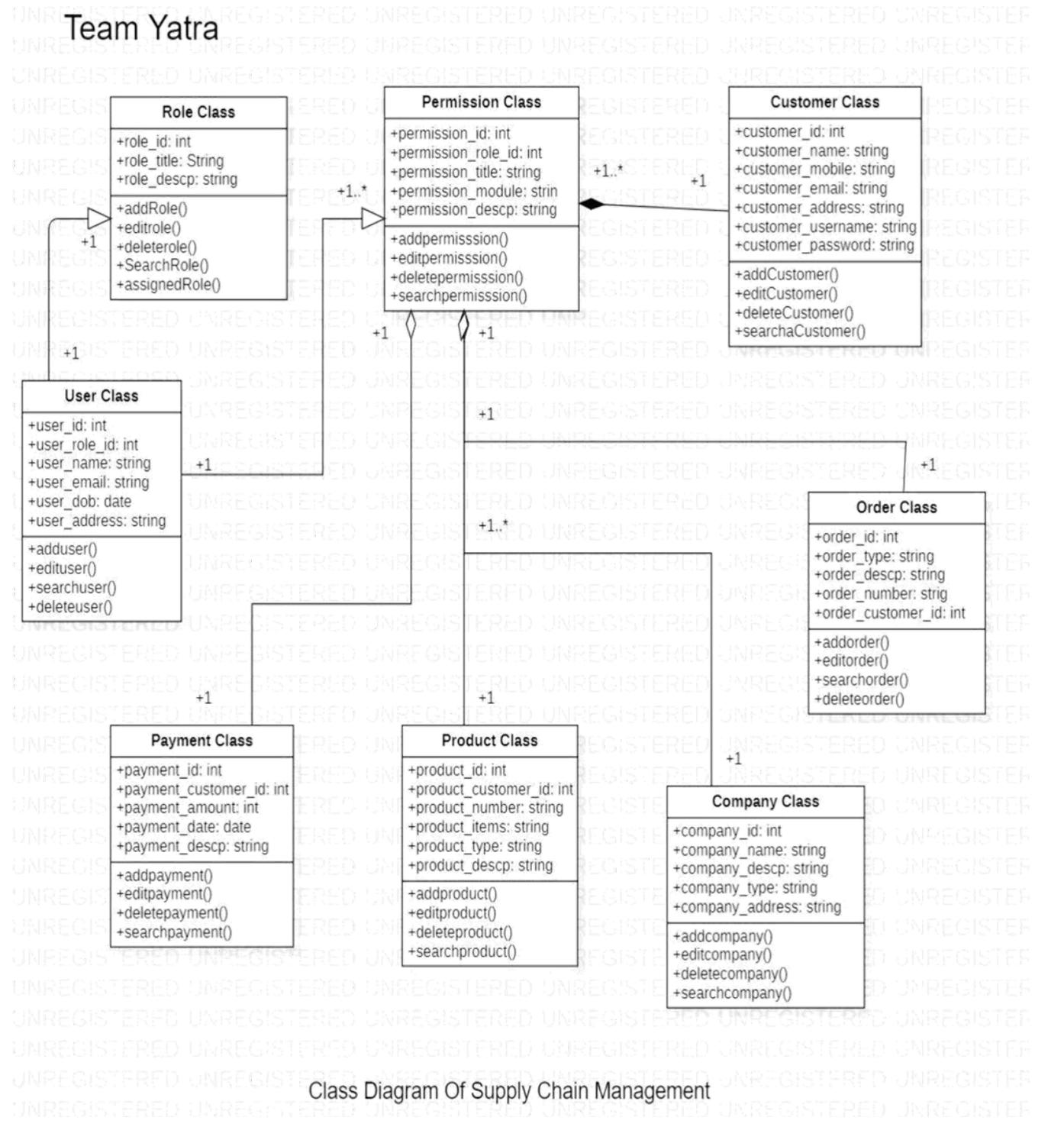
AN APP FOR THE BUSINESS; BY THE BUSINESS.

Software Interfaces

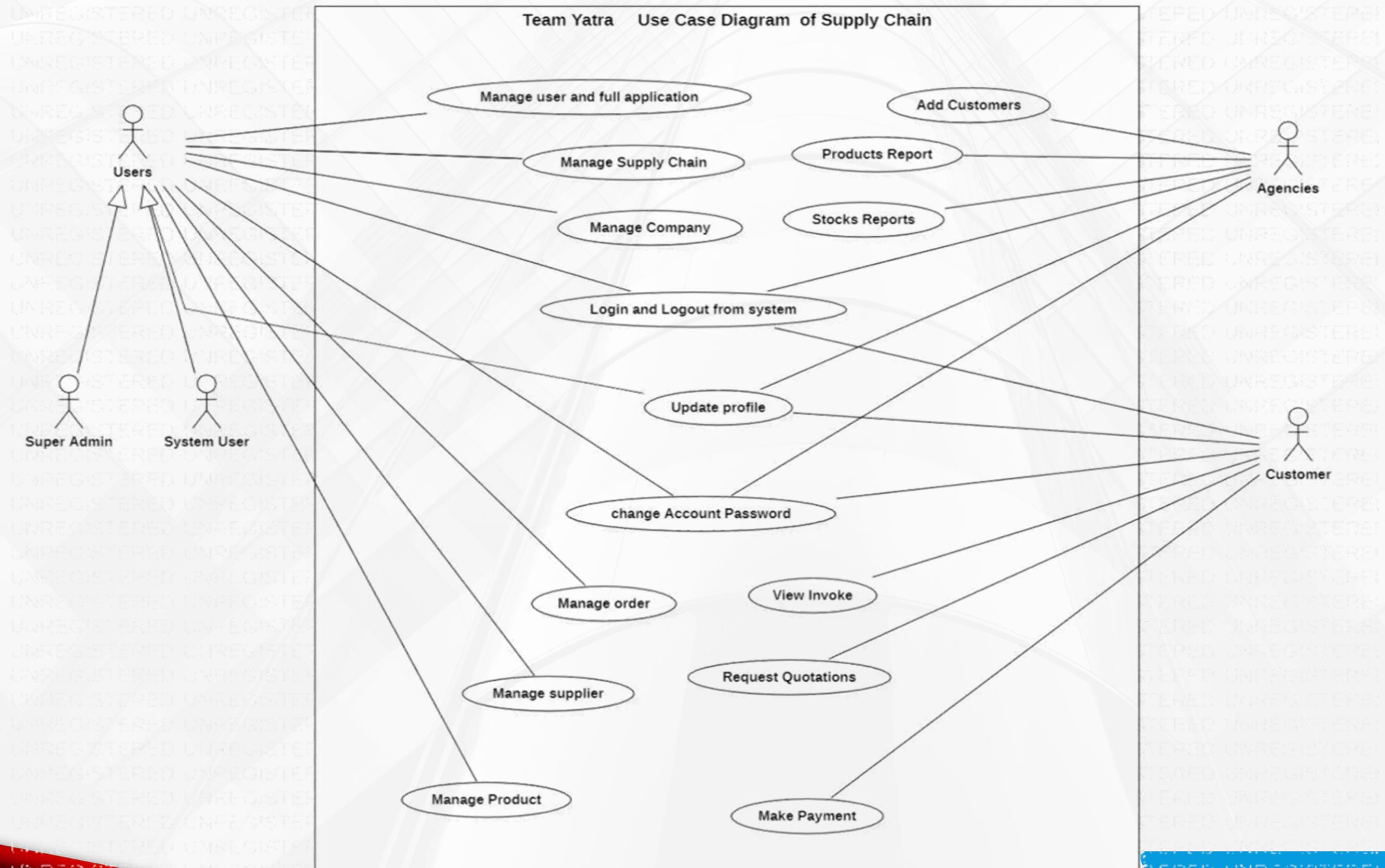
- Andriod Studio Version: 3.1.16
- Firebase Version :30.4.1
- Sql Lite Version :3.39.3
- Java Version :8.0
- XML Front End Design

Diagrams

ClassDiagram

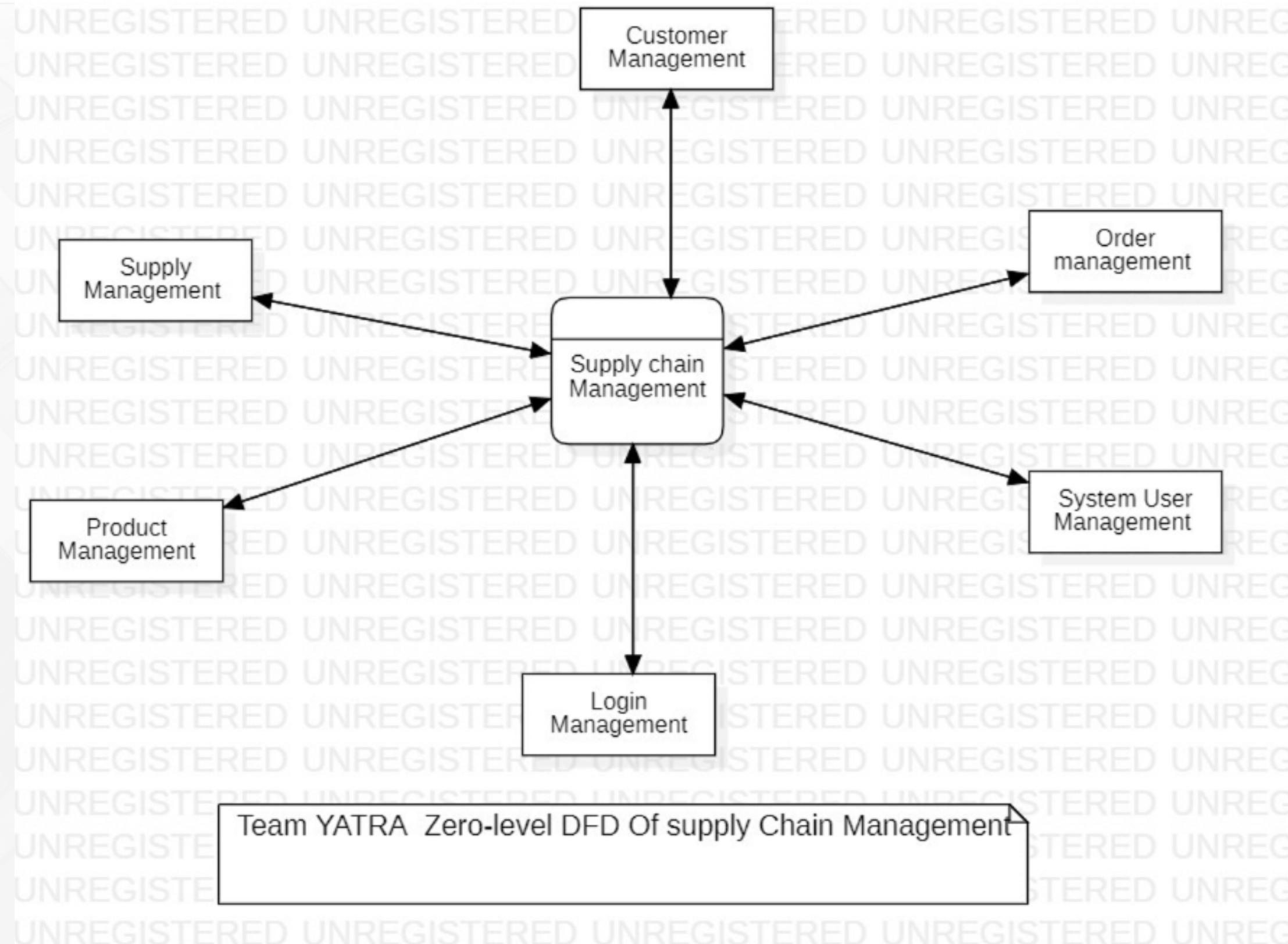


Use Case Diagrams

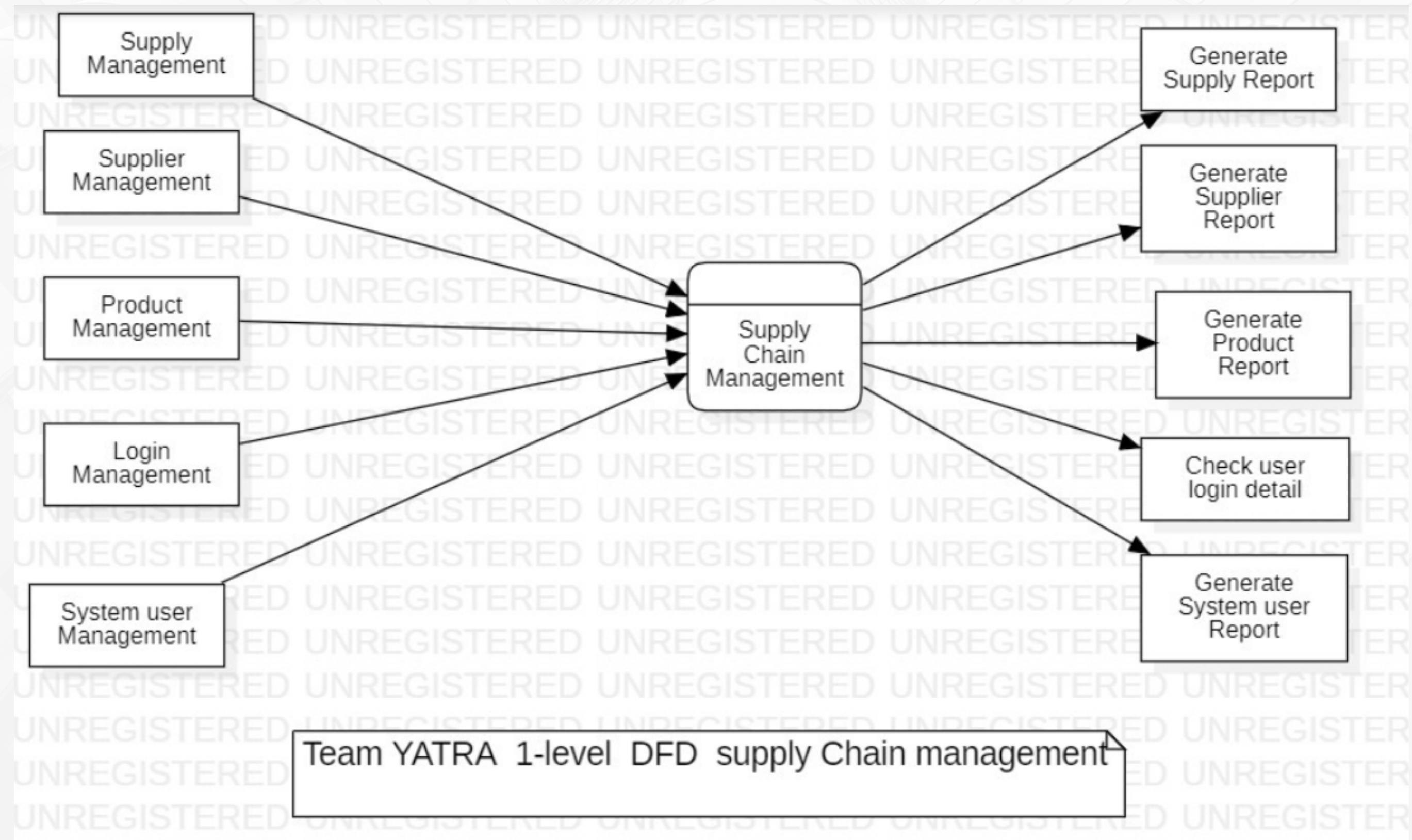


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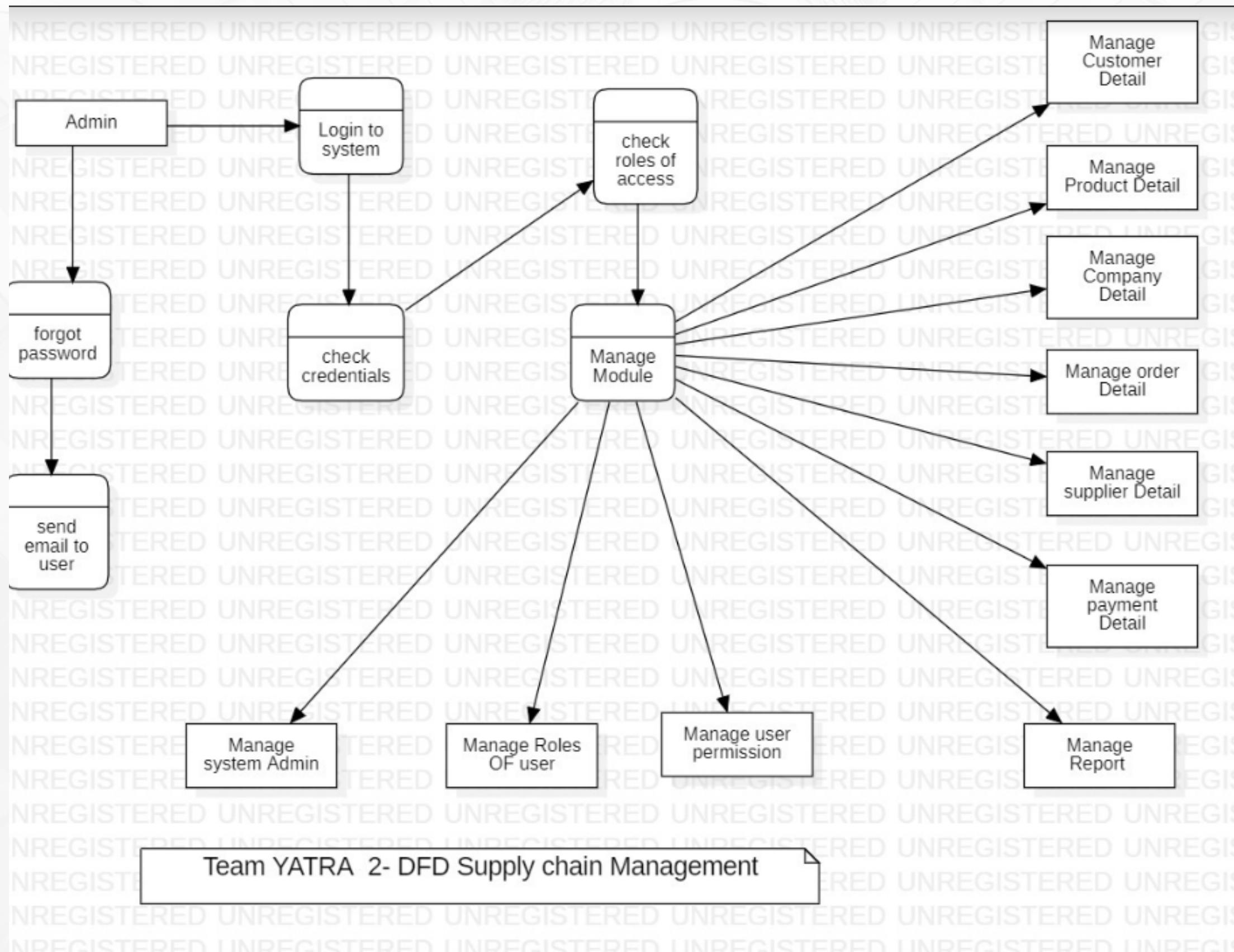
DFD Diagrams



DFD Diagrams



DFD Diagrams



Diagrams

- Class Diagrams
- Data Flow Diagram
- Use case Diagram
- Activity Diagram
- Sequence Diagram
- ER Diagram
- Flow Chart

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Link: https://drive.google.com/drive/folders/1iED214KNokdZsj10Yz51FqbnCAUI5_hS

Phases

- Alpha
- Beta
- Pilot Phase

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Alpha Phase

- To Basic Review the targeted Audience
- Prepare for the SRS
- Wireframes And Diagrams

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Beta Phase

**Deployment of the layouts and
wireframes Testing of the App
Feedback And its implementations**

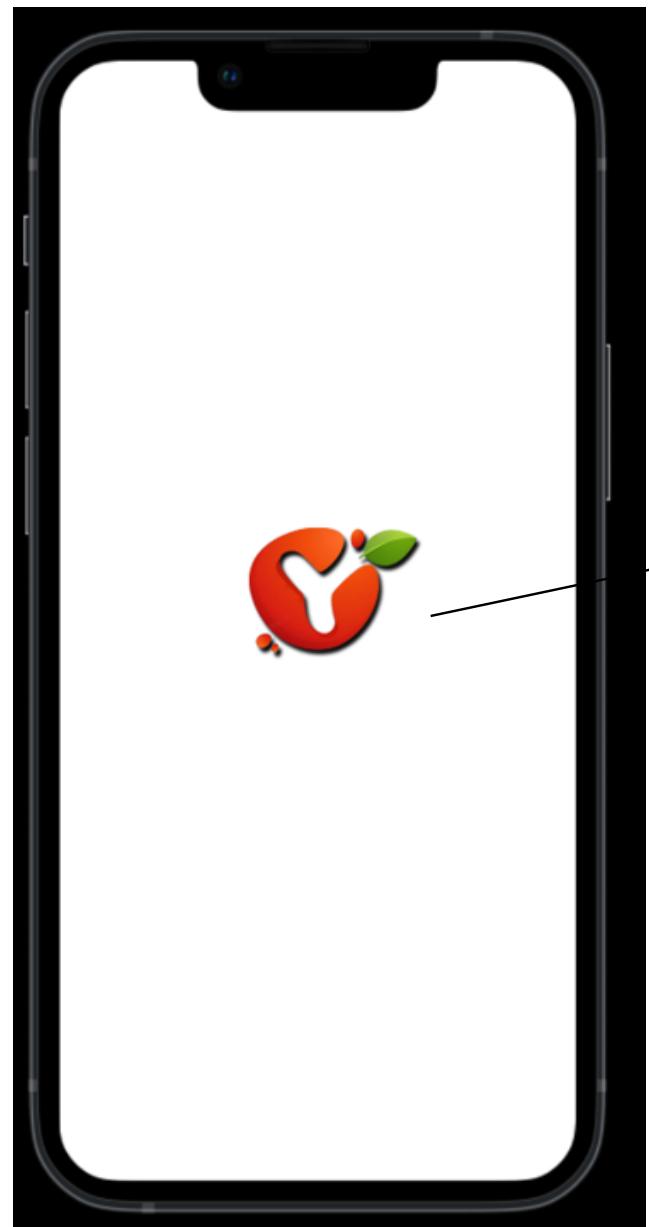


Pilot Phase

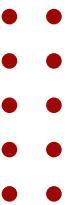
- Launching on the play store
- Handover the product
- Maintenance

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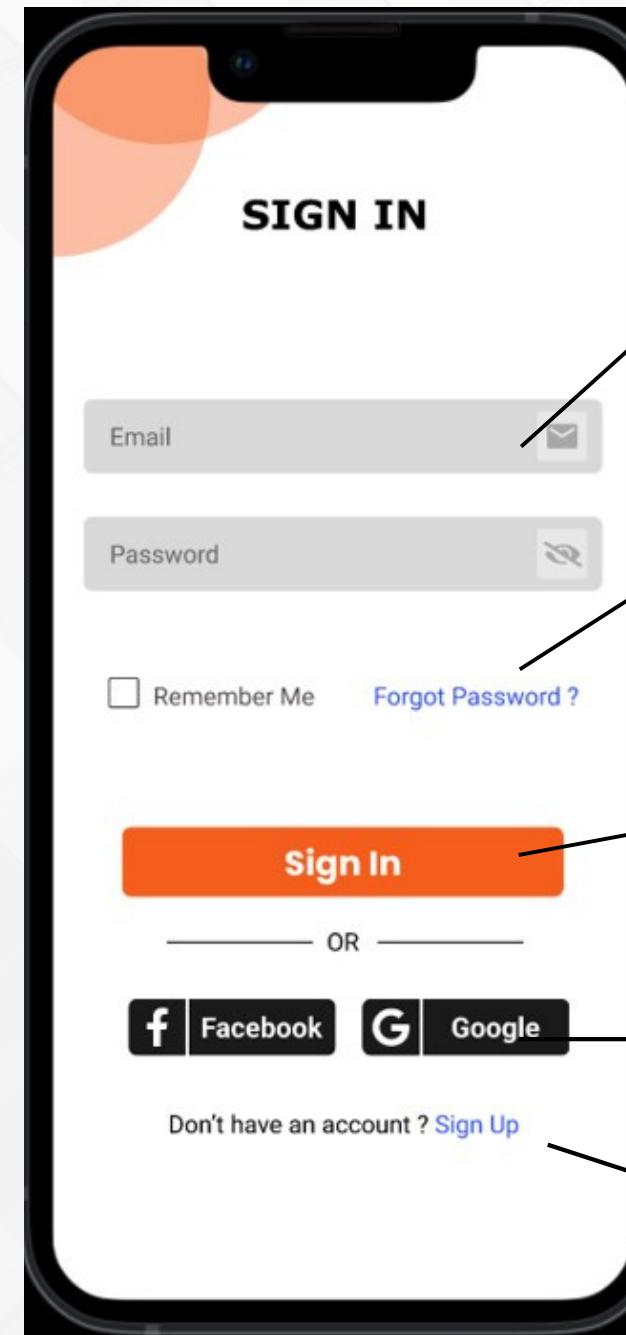
Wire frames



This is the splash Screen and logo shown above



Wire frames



Here you enter your Email and password then after we have to click Sign Button

If you cannot remember your password click Forgot password then reset your password

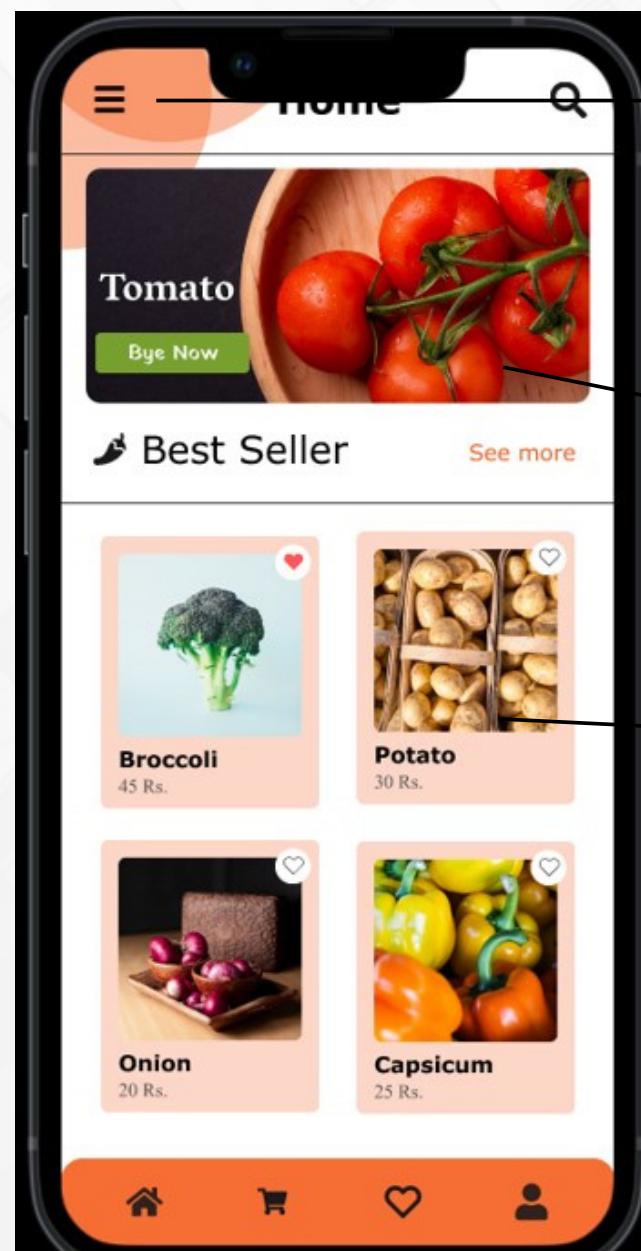
Once you fill all the requirement click sign in button and redirect to Dashboard page

This is the various sign-in method where users can directly login through Gmail and facebook

This is the signup button where users can signup and creates their accounts



Wire frames



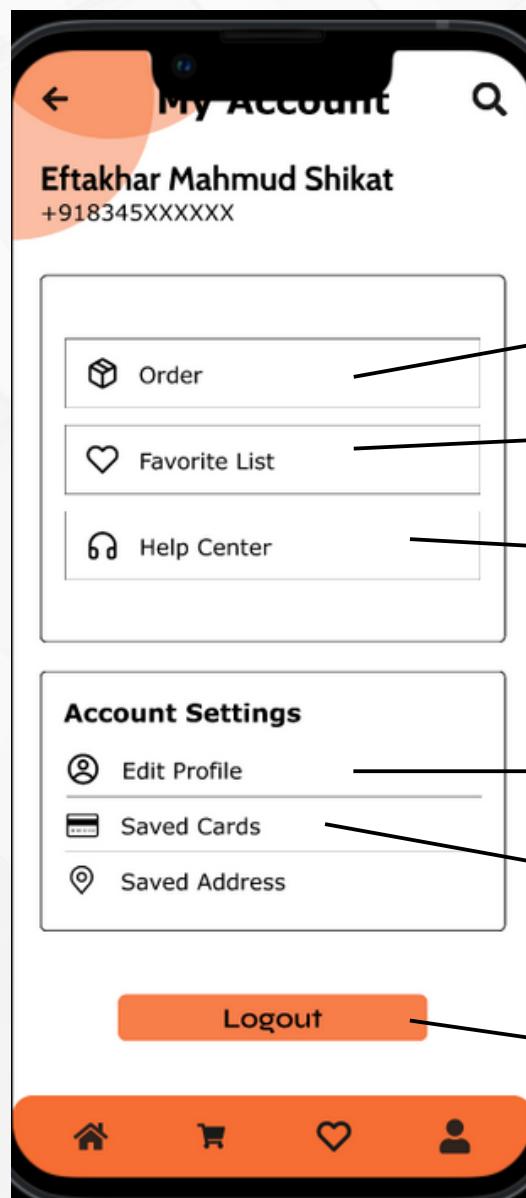
In this menu bar if you click here you can see Home, My profile, Favourite list, order, logout

This is Advertisement

This is our item. If you can click here you can see the prices and description of items and also you can add them to the cart



Wire frames



once you click order you can see all the previous orders items and also current items.

You can see all the personalized collections of products they buy and save them in their user account for future reference

Help Center helps you if we are facing problems like what issue are you facing

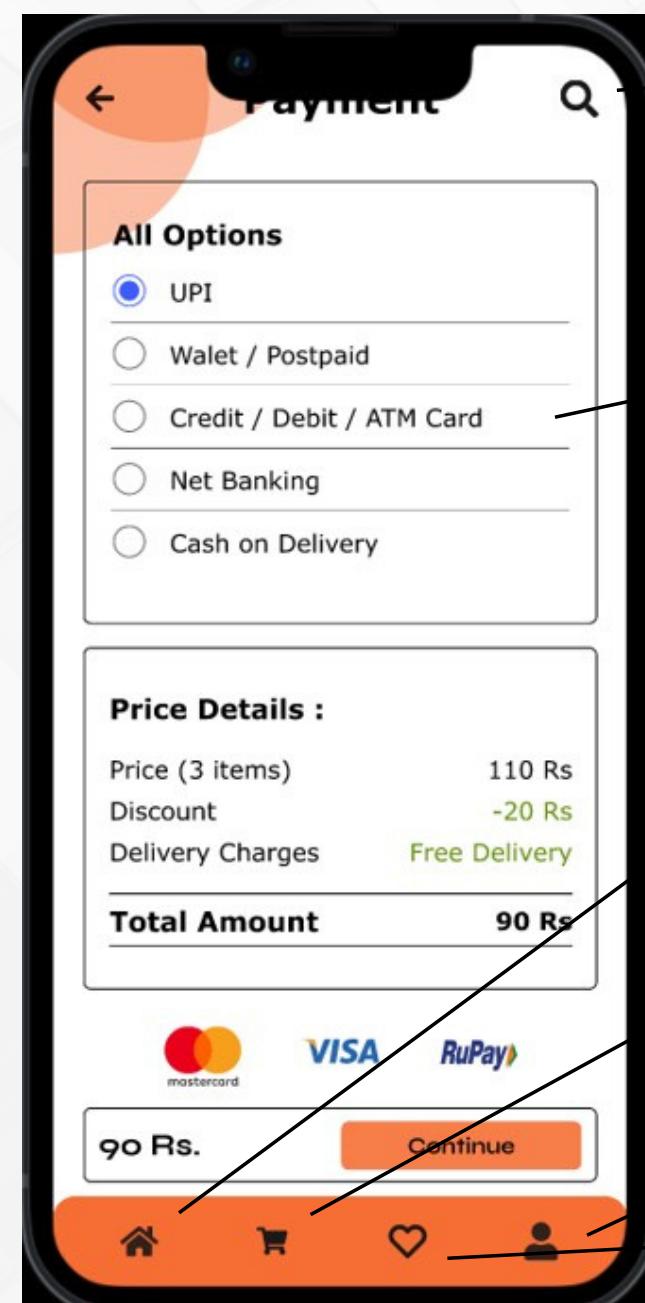
Here we have to edit our profile details like name, email, Phone number, DOB, etc

it is a payment card that deducts money directly from a consumer's checking account when making a purchase.

Logout from our system And redirect to Signin page

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Wire frames



The search button helps us to search for the products that you wants

These are the all types of payment system through which you can pay

On Home Page, you can see all types of products or items that are availables

shop now that allows customers to select items to purchase

This is a Customer Account if you click account it will redirect to account page

Here you can see all the favorite collections that have through you gone to save as a favourite



Link: [Wire Frames](#)

FUTURE ENHANCEMENT

- Billing System
- Transportation Live Update





Connecting The Nation

THANK YOU !!

