

# Color Your Farm (Farmer's Help).

## Objective

- The primary objective of 'Color Your farm' is to provide a fast & reliable system for farming fields and to make all the processes more efficient, speedy and secure by automating the system.
- Through this site the farmers can purchase seeds online.
- The equipment for farming can be purchased from the same website.
- Also the pesticides for cultivation can be purchased from the site.
- The farmers can ask doubts from agriculture experts and thus they can improve their crop yield by taking care of the crop very well.
- Suppliers can add the product details like price, description, quantity to the site. They can view the bookings of their products.

## Software Specification

Technology : Python

Web Technologies : HTML, CSS, Javascript

Framework : Django

Database = MySQL.

06/07/2022

# Users Are, (Interest Group)

farmer

Public

Specialist

supplier

Exporters

Investors

Admin

Modules Are,

Farmer Management

Product Management

Public Management

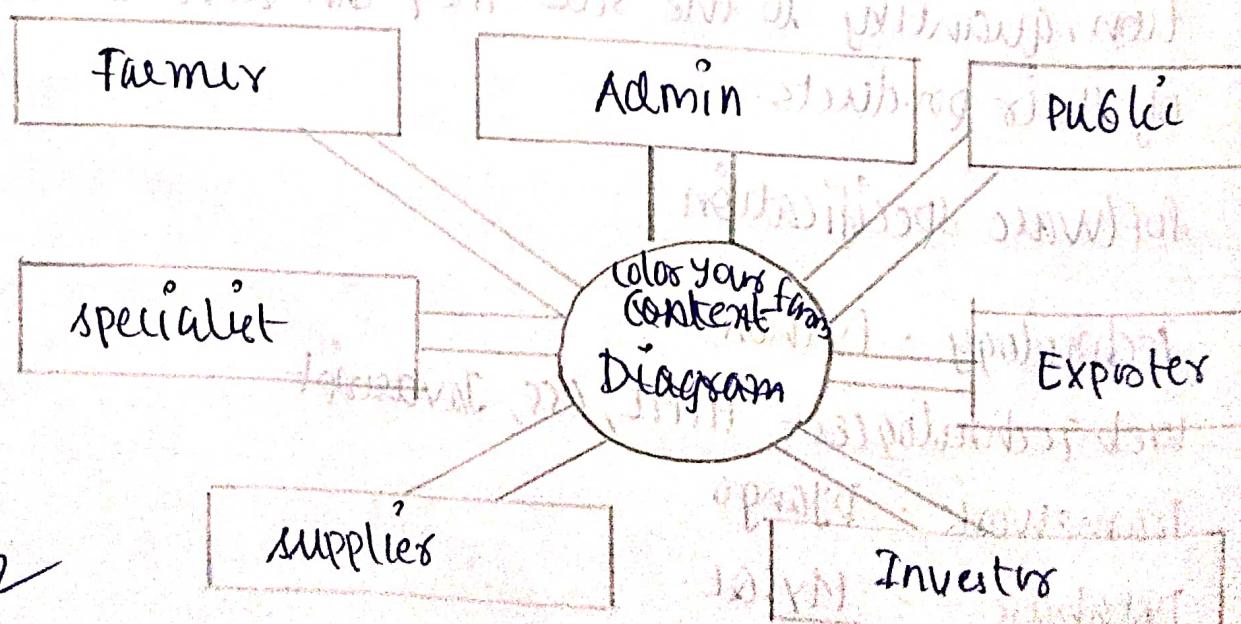
specialist management

Supplier Management

Investor Management

Exporters Management.

## Content Diagram



BB  
6/7/22

14/1/22  
Friday

## Introduction

Famer Help is a,

Flexible software package which contains numerous potent features that make the activities of farmer management easier than ever.

Web application intended to manage different farming requirements like crops, techniques used, selling and buying products etc.

Seven types of users interact with the project.

## Objective

- Coordinates different events under one roof.
- Customization of farming package. Here the users can select the required options regarding the farming requirements.
- The primary objective is to provide a fast and reliable system for farming fields and to make all the processes more efficient, speedy & secure by automating the system.

## Existing System

- currently, the farmer goes to the nearest market and over his product to a particular agent, agent ask the farmer to visit the market after a specific time to collect the cash earned out of the sold product
- Agent sells the product to another agent or a dealer at the cost of the market.

## Drawbacks of Existing System

- There is no way for farmer to know about the deal and the exact amount at which their product was sold.
- There is no transparency. No facility to know the product price in different markets where farmers can sell their products for high profit.
- It is very slow process.
- No efficient facilities for farmer management and other activities of other users.

## Proposed System

- The website is a one point solution for helping farmers.
- Farmers can avail capital assistance from the outset by requesting an amount from interested investors.
- Then they can purchase seeds online.
- The equipment for farming can be purchased from the same website.
- Also the pesticides for cultivation can be purchased from the site.
- The farmers can ask doubts from agriculture experts so that they can take better care of their crops and improve their yield.
- Suppliers can add the product details like price, description, quantity to the site. They can view the booking of their products.
- Once the harvest starts, farmers can sell it online.
- Thus the site provides the farmers a complete solution.

## Advantages of proposed system

- Through a) website like this, business can interact directly with customers and make their transaction preferable for them without a middleman/ third party.
- Provides instant Access to information
- Stores the information about all Users and Registered users can view and modify their profile.

17/01/22  
Monday

## User & Module Description

Seven types of users interact with the system.

### - ADMIN

Admin Not in the sense of an individual benefitting from the system, but as someone who interacts with the system.

### - FARMER

Farmers is the main user of the system.

### - EXPORTER

Exporters are those who buy crops from farmers.

### - SUPPLIER

Suppliers are those who sell seeds, pesticides etc to farmer.

### - INVESTORS

People who want to invest in the agricultural sector can register so that they can provide farmers with capital assistance.

### - SPECIALISTS

They are agricultural experts. Experts can answer

queries about farming posted by farmers

## PUBLIC

In addition to exporters who buy products in bulk, the public can also buy crops from farmers.

## Module Design

### > Farmer

- Registration
- Add crops
- Purchase products
- Add farming techniques
- Chat with specialist
- Request Capital

### > Suppliers

- Registration
- View Booking
- Add product details
- Add feedback

### > Specialist

- Registration
- View Enquiries
- Respond to Enquiries

## > Exporters

- Registration
- Add order
- View products

## > Investors

- Invest Money.
- Registration

## > Public

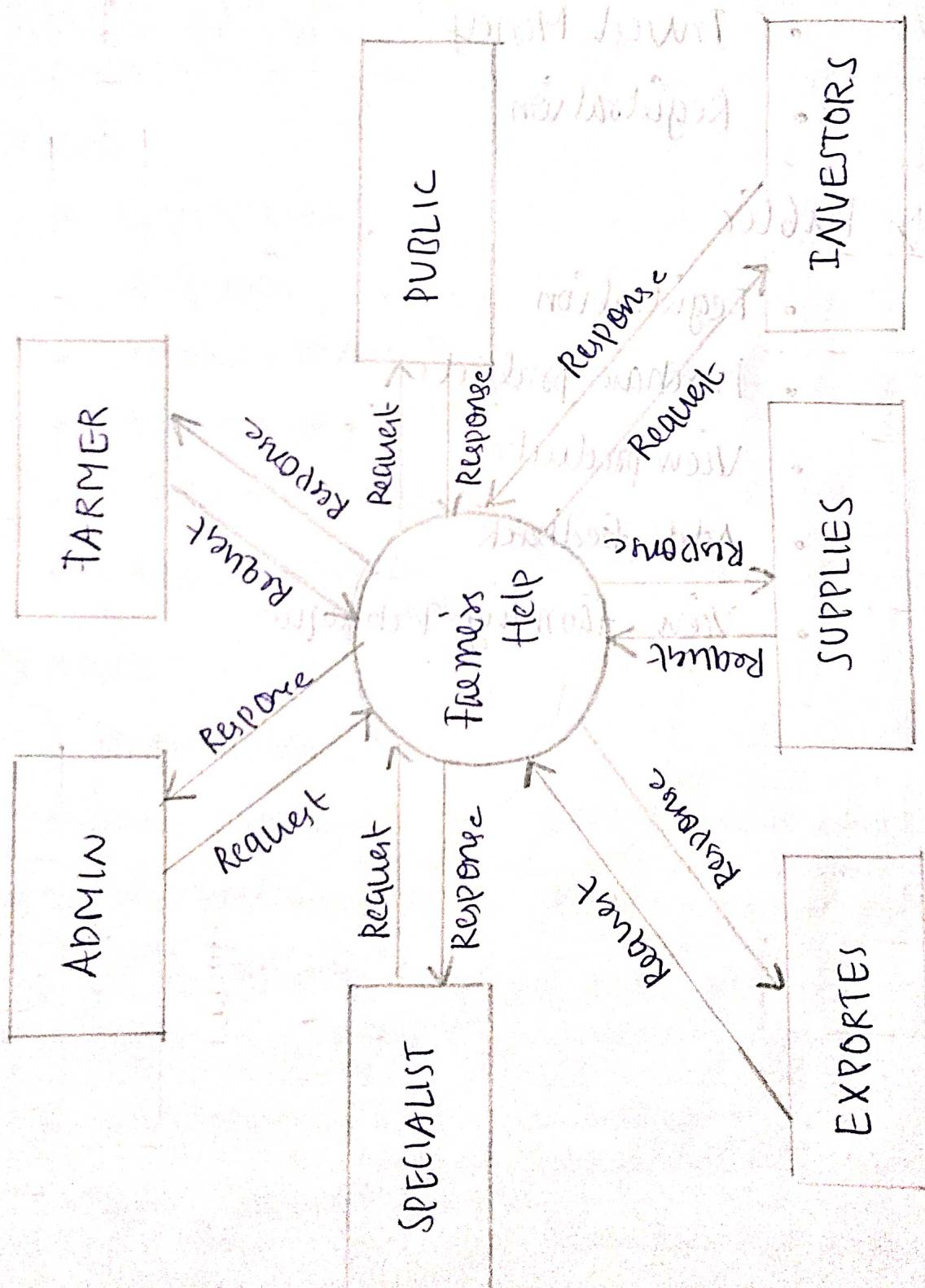
- Registration
- Purchase products
- View products
- Add feedback
- View farming Technique.

20/01/22

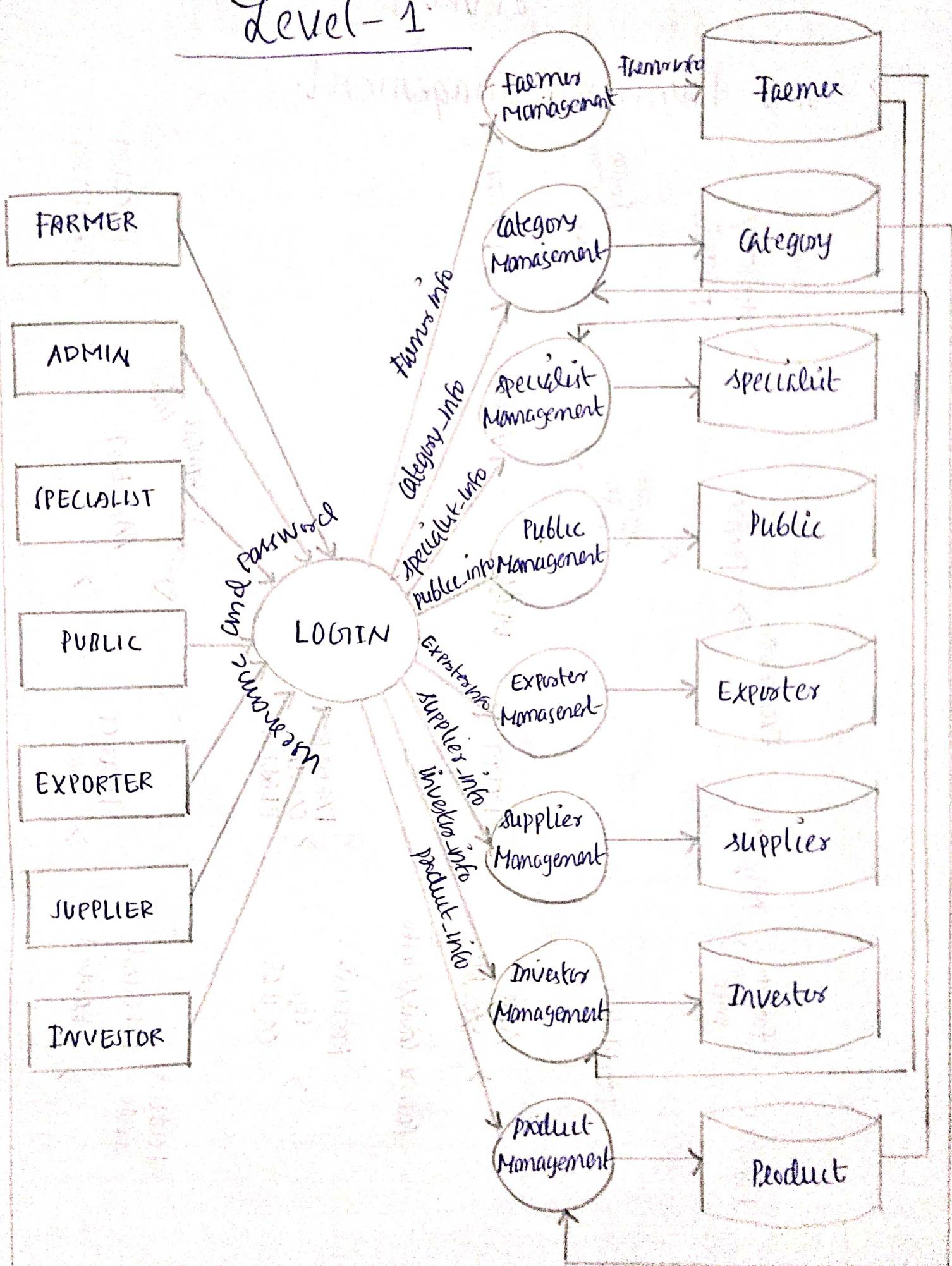
Thursday

# Dataflow Diagrams (DFD)

## Content Diagrams Level-0

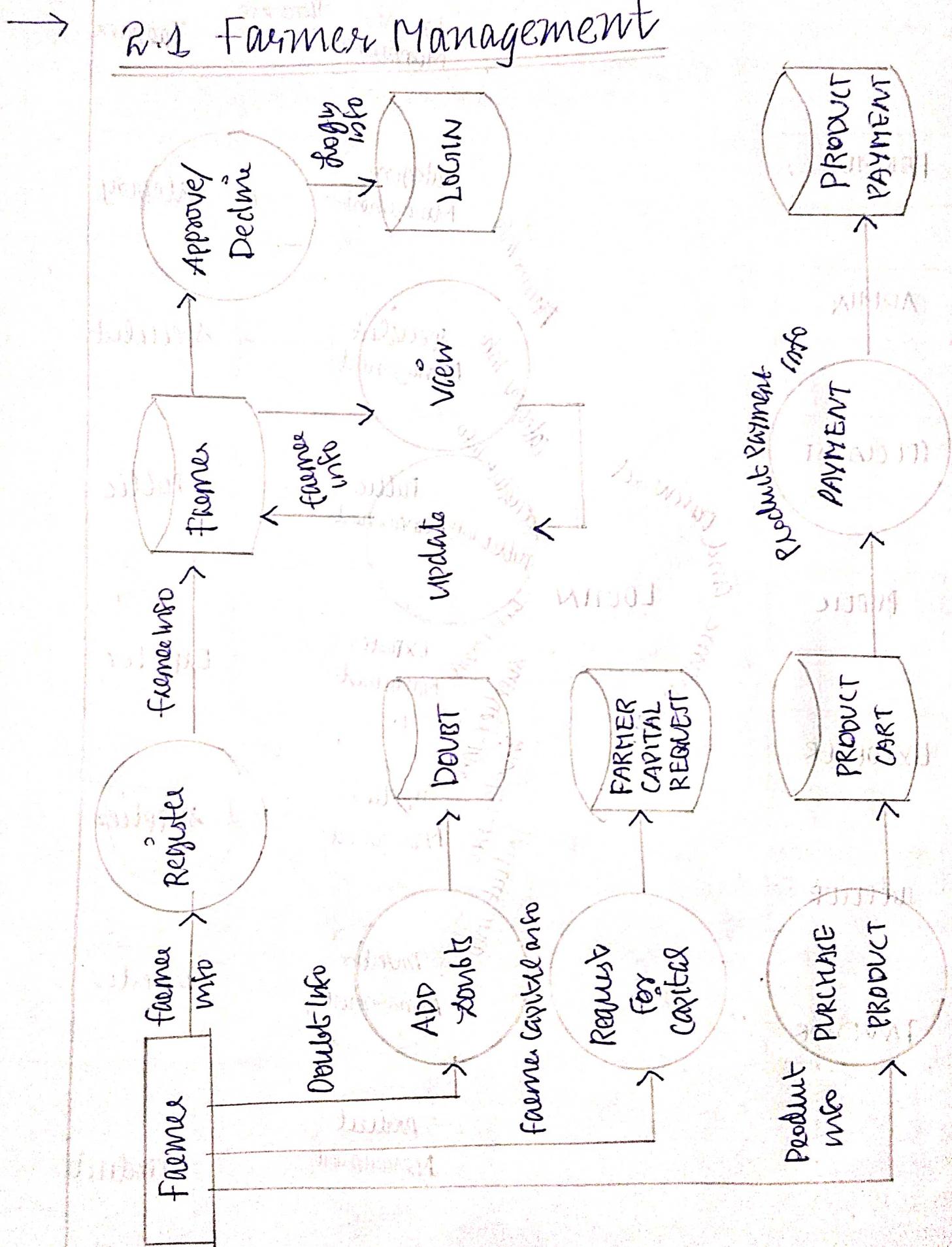


# Level - 1

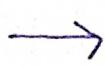


## Level-2

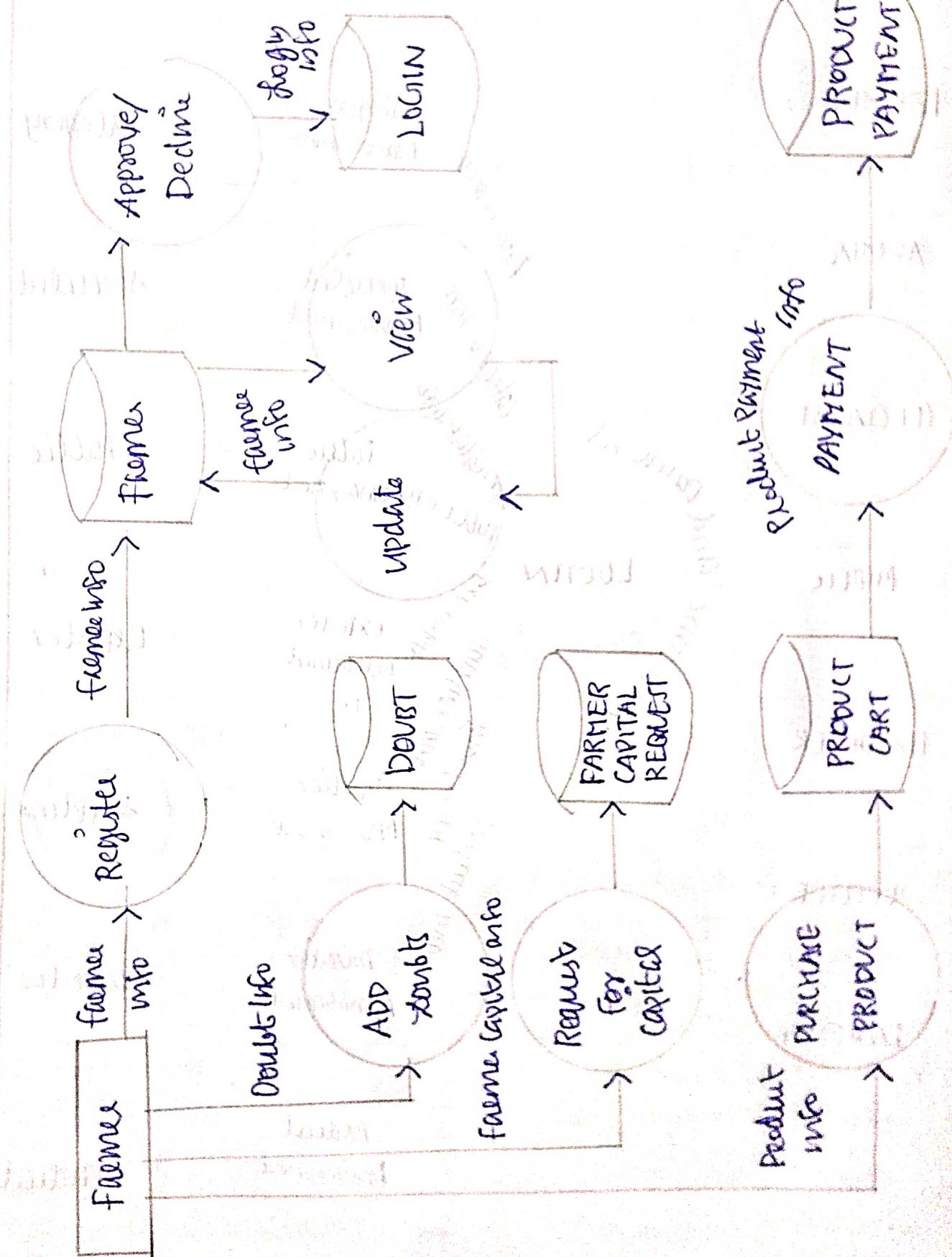
### R-1 Farmer Management



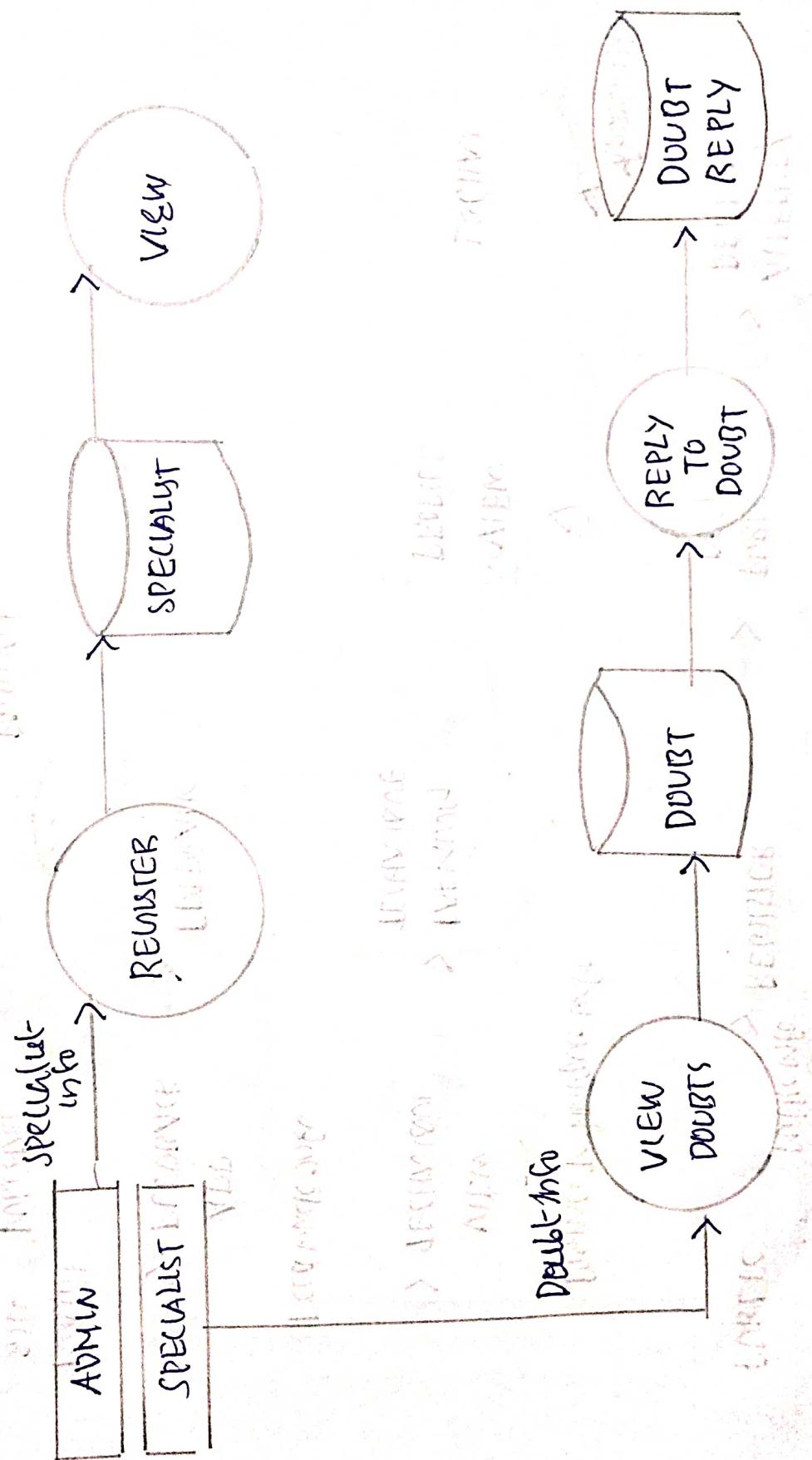
## Level-2



### R.M Farmer Management

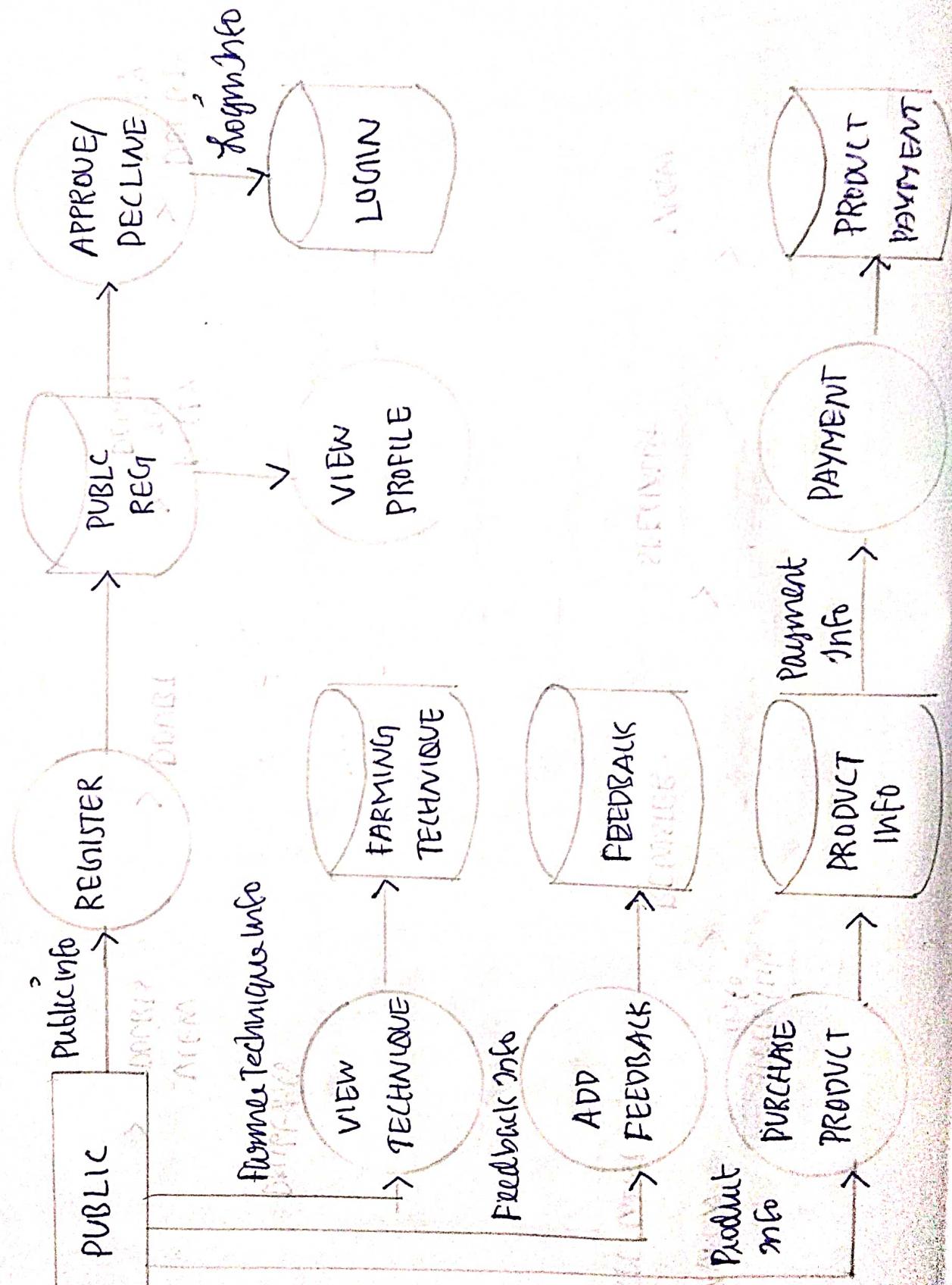


## 2.2 Specialist Management

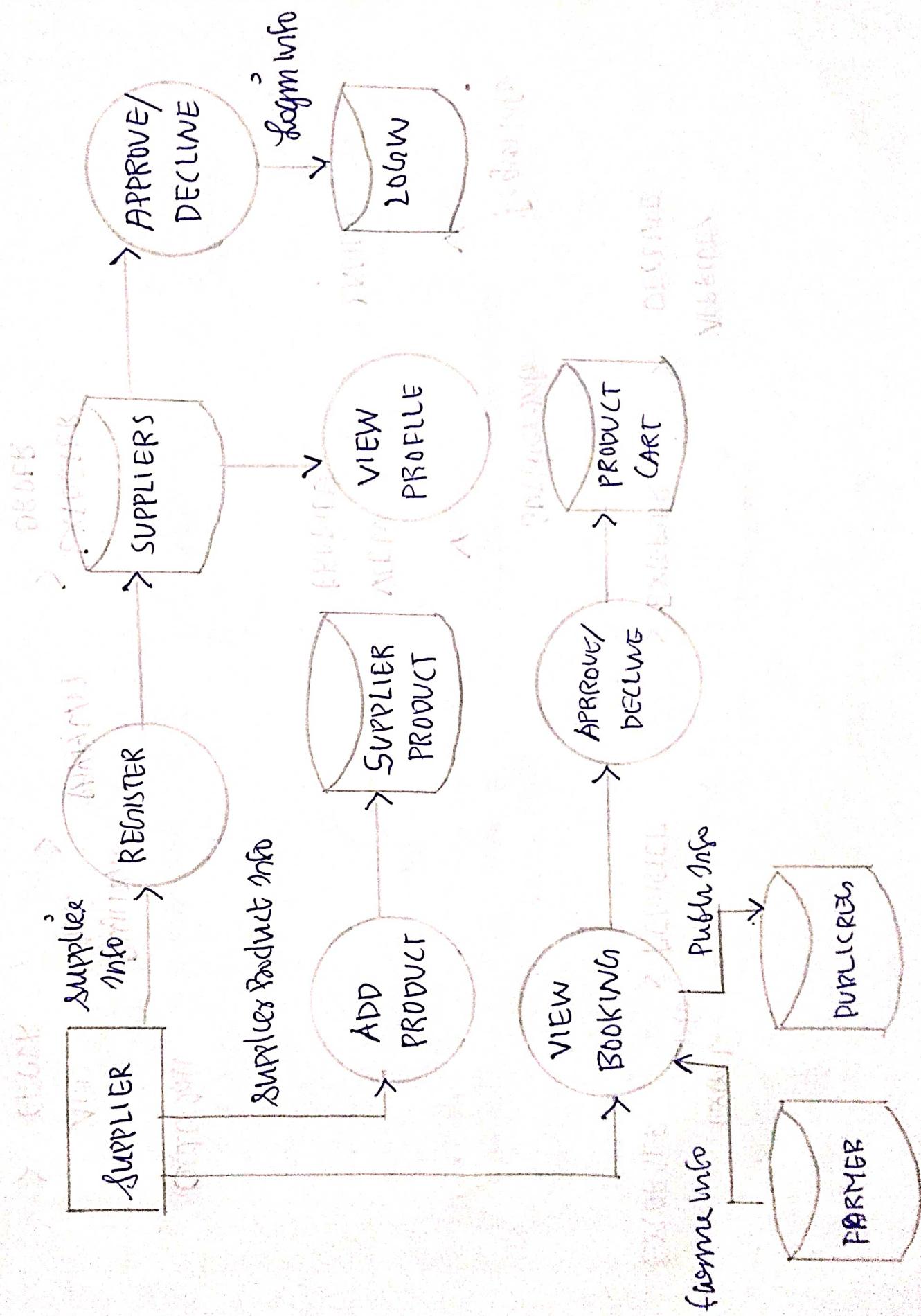




## 2.3 Public Management

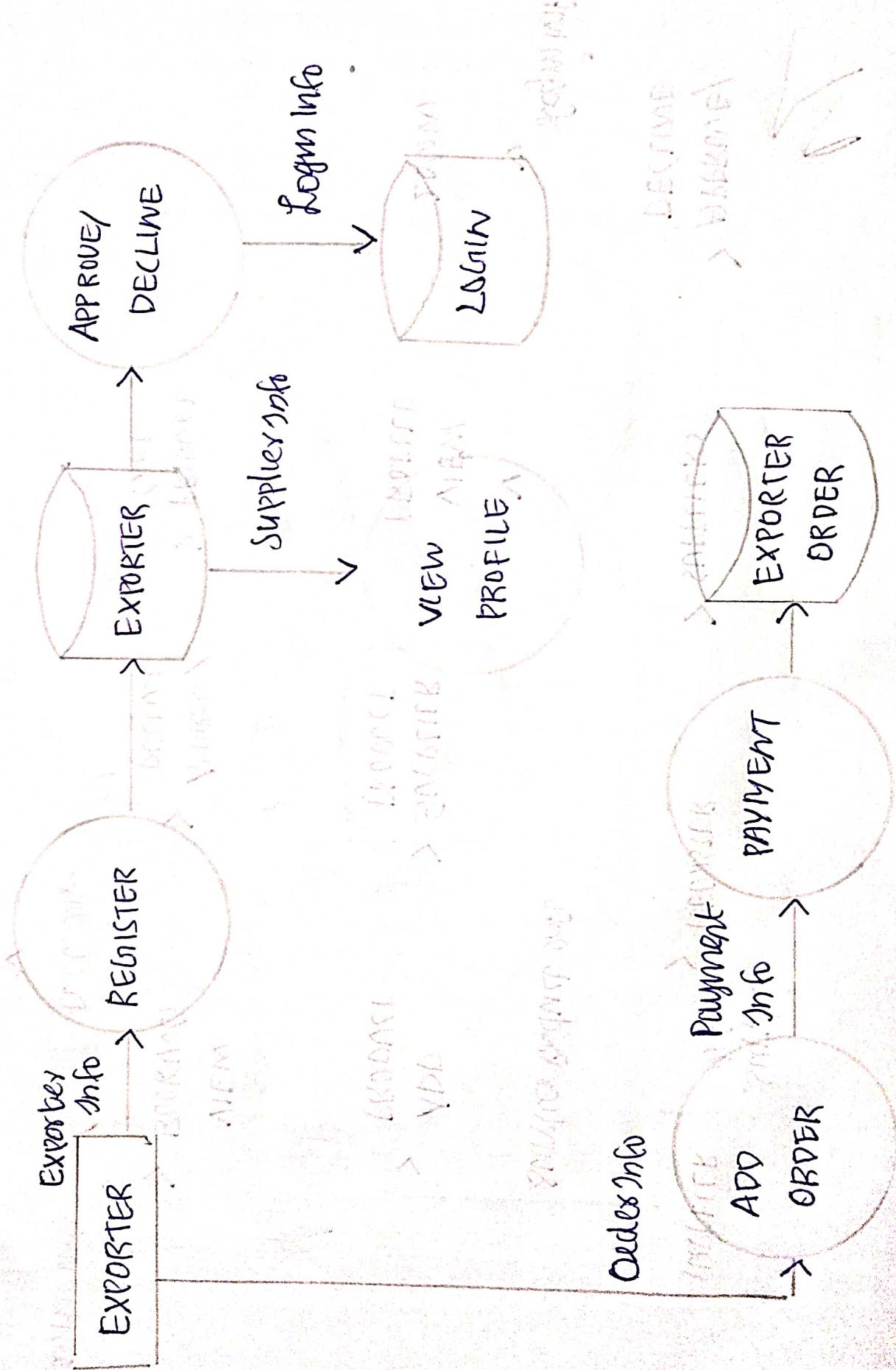


## 2.4 Supplier Management

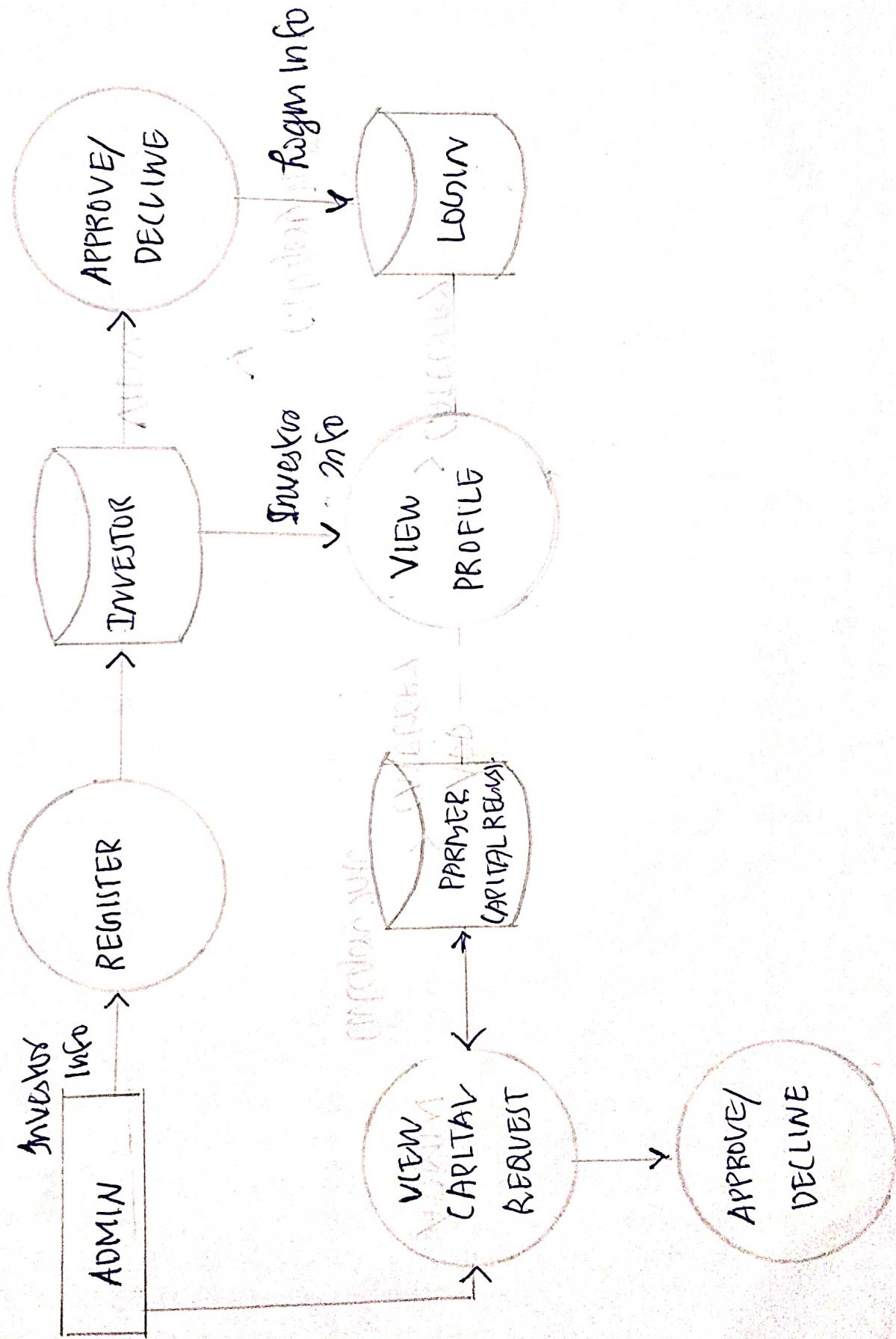




## 2.5 Exporter Management

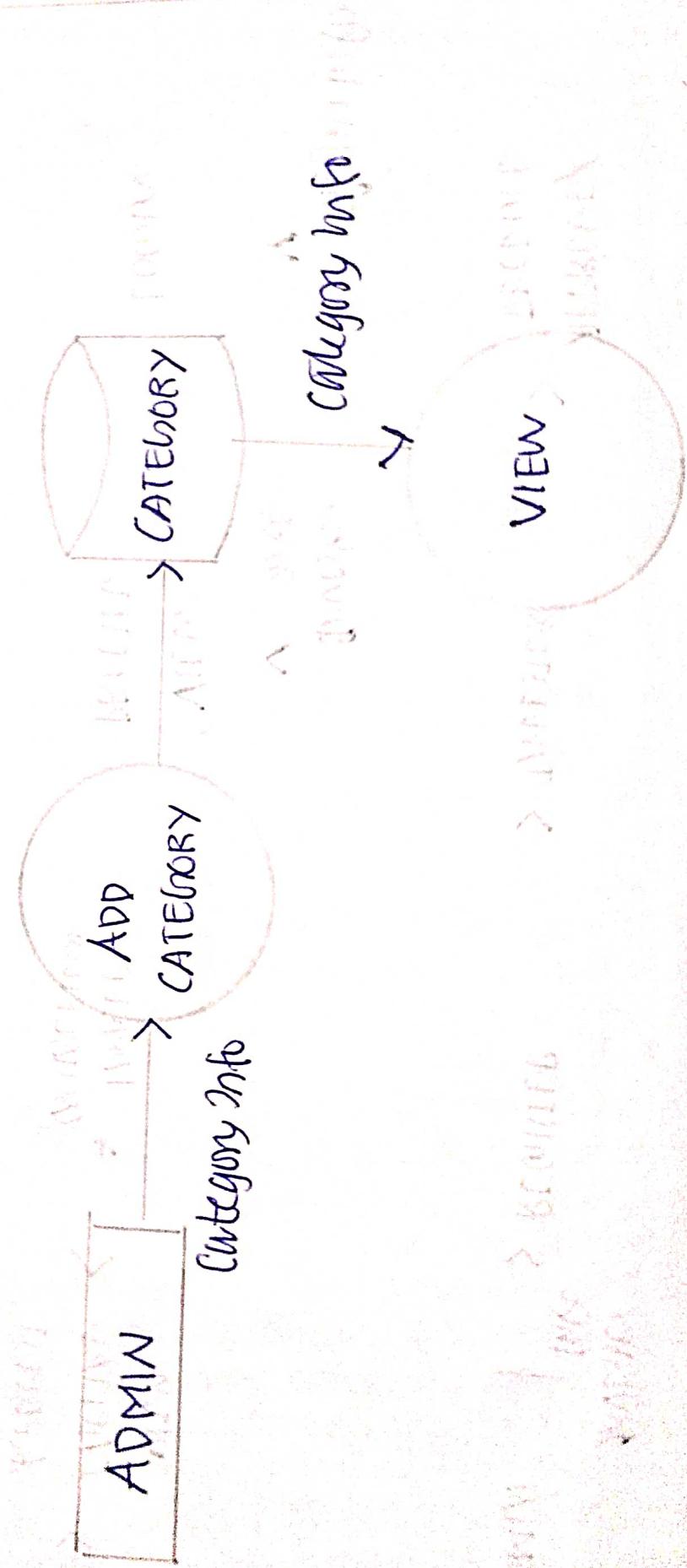


## 2.6 Investor Management





## 2.7 Category Management



## → 2.8 Product Management

