



**INSTITUTE FOR ADVANCED COMPUTING AND SOFTWARE
DEVELOPMENT, AKURDI, PUNE**

AgroMart

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ABSTRACT

AgroMart is a user-friendly, web-based application designed to simplify the management of fertilizer shops. It is built with HTML, CSS, and Bootstrap for a modern and responsive user interface, while the backend uses Spring Security and Hibernate to ensure data security and efficient handling. MySQL is used to store and manage the shop's data.

AgroMart operates on a role-based system, where users are divided into three categories: shop owners, farmers, and delivery personnel. Each user role has specific access and functionalities within the application.

Shop Owners can manage their inventory, view orders placed by farmers, and oversee deliveries. They have full control over product listings and pricing.

Farmers can easily browse through available fertilizers, check prices, and place orders online. The platform also allows them to track their order status and communicate directly with the shop owner for any inquiries.

Delivery Personnel have access to orders assigned to them for delivery. They can update the delivery status in real-time, ensuring that both the shop owner and the farmer stay informed.

AgroMart is designed to improve the efficiency of fertilizer distribution by connecting shop owners, farmers, and delivery staff on a single platform. Its goal is to streamline operations and offer a convenient, secure, and effective way to manage fertilizer sales and deliveries.

ACKNOWLEDGEMENT

The project “AgroMart” was a great learning experience for us and we are submitting this work to IACSD pune. We are very glad to mention the name of Mr. Harshal Waghchaure for her valuable guidance to work on this project. Our heartfelt thanks go to Mr. Rohit Puranik (Center Coordinator, PG_DAC) who gave us all the required support and kind coordination to provide all the necessities to complete the project and throughout the course up to the last day of the course. We would like to express our sincere gratitude towards Mrs. Madhura Anturkar, our faculty for J2SE and J2EE, who was always there for us. Her guidance and support throughout the course helped us to overcome various obstacles and intricacies during the course of our project work. Without her tremendous support, guidance, and efforts, this project would not have been possible.

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INTRODUCTION

In today's fast-moving agricultural industry, managing fertilizer shops efficiently is important to keep up with farmers' growing needs while ensuring smooth business operations. AgroMart solves this problem by bringing together online shopping features with strong inventory management into one simple system for fertilizer shop owners. It makes managing products, processing orders, and coordinating with suppliers easier, while also improving customer interaction through an easy-to-use shopping experience and personalized SMS alerts.

AgroMart helps shop owners track stock levels, control expenses, and create useful reports to make better business decisions. By automating everyday tasks and giving real-time data, it saves time, reduces errors, and boosts productivity. Farmers benefit from a user-friendly platform where they can browse products, place orders, and track their deliveries to ensure they get their supplies quickly. AgroMart also makes delivery management easier by offering features like leave management and detailed user profiles. This makes the process of delivering fertilizers more organized and efficient. Additionally, shop owners can set up special promotions, offer discounts, and send notifications to keep customers updated, increasing engagement and customer satisfaction.

AgroMart simplifies the business of running fertilizer shops by making operations faster, more reliable, and convenient for both shop owners and farmers. This can be done from any place, at any time all from the internet, thus making Easy to use for shop owner for make tasks and also making easy order for farmer.

PRODUCT OVERVIEW

Purpose :

The purpose of AgroMart is to provide a simple, efficient, and secure online platform for fertilizer shop owners to manage their business operations. It connects shop owners, farmers, and delivery boy in one system, making it easy to handle product listings, orders, and deliveries. AgroMart aims to improve the overall efficiency of fertilizer distribution by automating tasks, reducing errors, and providing a user-friendly experience for all users.

Scope:

- Creating a role-based web application for fertilizer shops.
- Allowing shop owners to manage their products, track orders, handle inventory, and manage deliveries.
- Enabling farmers to browse, order, and track their purchases easily online.
- Providing delivery personnel with tools to update and track their deliveries.
- Supporting automated SMS alerts, real-time data updates, and reporting features to assist shop owners in making better business decisions.

Objective :

- To simplify the management of fertilizer shops by providing an online platform for easy product handling and order processing.
- To automate routine tasks, like inventory management and order tracking, to save time and reduce mistakes.
- To provide farmers with a convenient platform to browse and order fertilizers, ensuring quick delivery of products.
- To improve communication between shop owners, farmers, and delivery personnel, making operations smoother and more efficient.

Functionalities Provided by AgroMart:

- **Role-Based Access:**

Shop owners, farmers, and delivery personnel each have their own dashboards and tools.

- **Product Management:**

Shop owners can add, update, and remove products from their inventory.

- **Order Processing:**

Farmers can place orders, and shop owners can track and manage these orders.

- **Inventory Tracking:**

Shop owners can monitor stock levels in real-time.

- **Delivery Management:**

Delivery personnel can view assigned orders and update delivery statuses.

- **User Profiles:**

Detailed profiles for shop owners, farmers, and delivery personnel to manage their roles effectively

REQUIREMENTS

Functional Requirements :

FR 1. User Registration and Authentication:

- Users (shop owners, farmers, and delivery personnel) can register by providing necessary details.
- User authentication is required for secure access to the system.
- Forgot password functionality allows users to reset their passwords via email or SMS.

FR 2. Role-Based Access:

- Shop owners can manage inventory, view orders, and handle deliveries.
- Farmers can browse products, place orders, and track delivery statuses.
- Delivery personnel can view and update assigned deliveries.

FR 3. User Profiles:

- Users can view and update their profiles, which store personal information and contact details.
- Profile management is available for shop owners, farmers, and delivery personnel.

FR 4. Order and Delivery Management:

- Shop owners can process orders, update statuses, and coordinate deliveries.
- Farmers can track their orders and receive real-time delivery updates.

FR 5. Error Handling and Reporting:

- The system handles errors gracefully and displays appropriate error messages.
- Admins have access to logs and error reports for troubleshooting and system management.

Non-Functional Requirements :**NFR 1. Security:**

- User passwords are securely stored using encryption techniques.
- Access controls ensure that users can only access features based on their roles.

NFR 2. Performance:

- The system should handle a large number of simultaneous users without significant slowdowns.
- Efficient image loading and retrieval ensure a smooth user experience.

NFR 3. Scalability:

- AgroMart is designed to accommodate future growth, including more users and higher activity levels.

NFR 4. Usability:

- The user interface should be intuitive and user-friendly for all roles (shop owners, farmers, and delivery personnel).
- Clear and concise error messages guide users through any issues.

NFR 5. Reliability:

- AgroMart should be operational 24/7 with minimal downtime.

NFR 6. Data Integrity:

- Data integrity and consistency are maintained through proper validation and database design.

NFR 7. Data Privacy:

- User data, especially personal and sensitive information, is securely stored to ensure privacy.

Other Requirements:**Hardware and Network Interfaces:**

- Back-end Server Configuration:
 - Intel Core i5 Processor
 - 8 GB RAM
 - 256 GB SSD
- Front-end Client Configuration:
 - Intel Core i3 Processor
 - 4 GB RAM
 - 128 GB SSD
 - 104 Keys Keyboard
 - Optical Mouse with pad

Software Interfaces:

- Back-end Configuration:
 - Java EE (Jakarta EE 10)
 - Spring Boot(3.1.2), Hibernate(6.2.6), MySQL(8.1.0)
 - STS (4.19.1)
- Front-end Configuration:
 - ReactJS(18.2.0)
 - HTML5, CSS3, JavaScript (ECMAScript 2023 (ES14))
 - Bootstrap(5.3.0)
 - Visual Studio Code(1.81.1)

PROJECT DESIGN

4.1 DataBase Tables:

The following tables in database are used for 'AgroMart':

All Tables :

```
mysql> use agromart
Database changed
mysql> show tables
-> ;

+-----+
| Tables_in_agromart |
+-----+
| address              |
| cart                 |
| catagory             |
| fertilizer_order     |
| order_details       |
| payment              |
| stock                |
| user                 |
+-----+
8 rows in set (0.01 sec)
```

Table 1: User

```
mysql> desc user;
+-----+
| Field      | Type                | Null | Key | Default | Extra           |
+-----+
| id         | int(11)             | NO   | PRI | NULL    | auto_increment |
| contact_no | varchar(13)         | YES  |     | NULL    |                 |
| email      | varchar(30)         | YES  |     | NULL    |                 |
| name       | varchar(50)         | YES  |     | NULL    |                 |
| password   | varchar(255)        | YES  |     | NULL    |                 |
| role       | enum('OWNER','FARMER','DELIVERYBOY') | YES  |     | NULL    |                 |
| status     | enum('ACTIVE','INACTIVE') | YES  |     | NULL    |                 |
+-----+
7 rows in set (0.08 sec)

mysql> select * from user;
+-----+
| id | contact_no | email                | name      | password                                                                 | role      | status |
+-----+
| 1  | 9373809473 | pankajdukare73@gmail.com | pankaj dukare | $2a$10$H1DjdsBKnfFVgbVUghTUveuMSIMid7.jE705XQqkJuOuRFkHZDxVW | OWNER    | ACTIVE |
| 2  | 7447686704 | akshay73@gmail.com    | Akshay balte | $2a$10$jN6BzJH0bnKGr6g0THRveyw6H4pwCuE5juKXzobJ65pQfvxu2lRC | FARMER   | ACTIVE |
| 3  | 7654796347 | patil73@gmail.com     | yogesh patil | $2a$10$WwE/14107gU/dj54izcTPopQ2lU/c5XD0b.8UDtzMizc3oaxo.sfo | DELIVERYBOY | ACTIVE |
| 4  | 9561367818 | mahesh73@gmail.com    | mahesh     | $2a$10$aUbc2aQK0pBNeAkZu1BheNsrqtTJbjmIHgkPHvRuAF74RjG/z.2 | FARMER   | ACTIVE |
+-----+
```

Table 2: Address

```
mysql> desc address;
+-----+
| Field      | Type                | Null | Key | Default | Extra           |
+-----+
| id         | int(11)             | NO   | PRI | NULL    | auto_increment |
| city       | varchar(20)         | YES  |     | NULL    |                 |
| contact_no | varchar(15)         | YES  |     | NULL    |                 |
| pincode    | int(11)             | YES  |     | NULL    |                 |
| state      | varchar(20)         | YES  |     | NULL    |                 |
| user_id    | int(11)             | NO   | MUL | NULL    |                 |
+-----+
5 rows in set (0.03 sec)

mysql> select * from address;
+-----+
| id | city    | contact_no | pincode | state | user_id |
+-----+
| 1  | pune   | 87659042546 | 435789 | mh    | 2       |
| 2  | pune   | 87659042546 | 435789 | mh    | 2       |
| 3  | nashik | 9834071786  | 410504 | mh    | 4       |
+-----+
3 rows in set (0.00 sec)
```

Table 3: Catagory

```
mysql> desc catagory;
```

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	auto_increment
name	varchar(20)	YES	UNI	NULL	

2 rows in set (0.02 sec)

```
mysql> select * from catagory;
```

id	name
3	Cereal grain
9	Flower seed
8	fruit seeds
6	Fungicides
4	Herbicides
2	Inorganic
5	Insecticides
1	organic
7	vegetables seeds

9 rows in set (0.00 sec)

Table 4: Stock

```
mysql> select * from stock;
```

id	description	image	price	product_name	status	type	cat_id	user_id
1	Company name: T-Stanes Package: 40kg	Anandham.png	2999	Anandham	1	FERTILIZER	1	1
2	Company name: Hemic Factory Company name: Hemic Factory	npk.png	2500	N:P:K (20:20:20)	1	NPK	2	1
3	Company name: mahadhan Package: 25kg	MAJOR_NUTRIENT Mono Ammonium Phosphate.png	4025	MAJOR_NUTRIENT	1	NPK	1	1
4	Company name: JAVAI FED PROOXKER Package: 40 kg	Urea.png	266	Urea	1	NPK	2	1
5	Company name: Dhanlaxmi Package: 1kg	bajara seeds.png	308	Bajara	1	SEED	3	1
6	Company name: Syngenta Package: 1kg	SUGAR 75 SWEET CORN.png	3149	SWEET CORN	1	SEED	3	1
7	Company name: BioSeed Package: 1kgs	BIOSEED HYBRID PADDY 799.png	570	BIOSEED HYBRID PADDY	1	SEED	3	1
8	Company name: Vashoda seed Package: 1kg	Hybrid Jowar seeds.png	750	Hybrid Jowar seeds	1	SEED	3	1
9	Company name: VNR Package: 10gms	212 BRINJAL SEEDS.png	125	212 BRINJAL SEEDS	1	SEED	7	1
10	Company name: Seminis Package: 10 gms	ABHILASH TOMATO SEEDS.png	617	TOMATO SEEDS	1	SEED	7	1
11	Company name: Nandhari Seeds Package: 50gm	NS 295 F1 HYBRID WATERMELON SEEDS.png	357	WATERMELON SEEDS	1	SEED	8	1
12	Company name: VNR Package: 20 gms	KRISH F1 CUCUMBER.png	612	KRISH F1 CUCUMBER	1	SEED	7	1
13	Company name: RS ENTERPRISES Package: 10 seed	IRIS HYBRID PAPAYA SEEDS.png	208	PAPAYA SEEDS	1	SEED	8	1
14	Company name: Nandhari Seeds Package: 50gms	NS 910 MUSMELON SEEDS.png	878	Musk Melon	1	SEED	8	1
15	Company name: Ashoka seeds Package: 1000seeds	YELLOW MARIGOLD.png	1099	YELLOW MARIGOLD	1	SEED	9	1
16	Company name: Bayer agrochemicals Package: 1 ltr	ROUNDUP HERBICIDE.png	479	ROUNDUP HERBICIDE	1	FERTILIZER	4	1
17	Company name: Sumitomo Chemical Package: 1ltr	GLYCEL HERBICIDE.png	478	GLYCEL HERBICIDE	1	FERTILIZER	4	1
18	Company name: Dhanuka Agritech Ltd Package: 10 gms	SEMPRA HERBICIDE.png	799	SEMPRA HERBICIDE	1	FERTILIZER	4	1
19	Company name: Excel Crop Care Package: 100 gms	MERA 71 HERBICIDE.png	122	MERA 71 HERBICIDE	1	FERTILIZER	4	1
20	Company name: FMC Corporation Package: 100ml	Benevia Insecticide.png	1366	Benevia	1	FERTILIZER	5	1
21	Company name: Syngenta Package: 100 gms	Actara Insecticide.png	277	Actara	1	FERTILIZER	5	1
22	Company name: Bayer Package: 250ml	Solomon Insecticide.png	732	Solomon	1	FERTILIZER	5	1
23	Company name: Syngenta	Karate Insecticide.png	219	Karate	1	FERTILIZER	5	1
24	Company name: Crystal Crop Protection Package: 500gm	BLUE COPPER FUNGICIDE.png	455	BLUE COPPER	1	FERTILIZER	6	1
25	Company name: Syngenta Package: 50ml	SCORE FUNGICIDE.png	277	SCORE	1	FERTILIZER	6	1
26	Company name: Syngenta Package: 250g	KAVACH FUNGICIDE.png	499	KAVACH	1	FERTILIZER	6	1
27	Company name: Bayer Package: 500g	NATIVO FUNGICIDE.png	3899	NATIVO	1	FERTILIZER	6	1

```
mysql> desc stock
```

```
-> ;
```

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	auto_increment
description	varchar(100)	YES		NULL	
image	varchar(100)	YES		NULL	
price	double	YES		NULL	
product_name	varchar(20)	YES		NULL	
status	tinyint(4)	YES		NULL	
type	enum('SEED', 'FERTILIZER', 'NPK')	YES		NULL	
cat_id	int(11)	YES	MUL	NULL	
user_id	int(11)	YES	MUL	NULL	

9 rows in set (0.03 sec)

Table 5: order_deatils

```
mysql> desc order_details;
```

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	auto_increment
quantity	int(11)	YES		NULL	
total_ammount	double	YES		NULL	
fertilizer_id	int(11)	NO	MUL	NULL	
stock_id	int(11)	NO	MUL	NULL	

5 rows in set (0.02 sec)

```
mysql> select * from order_details;
```

id	quantity	total_ammount	fertilizer_id	stock_id
1	2	357	1	11
2	2	2999	2	1

Table 6: Payment

```
mysql> desc payment;
```

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	auto_increm
ammount	double	YES		NULL	
order_date_time	datetime(6)	YES		NULL	
payment_status	enum('PENDING','COMPLETED','REFUNDED')	YES		NULL	
payment_mode	enum('COD','CREDIT_CARD','DEBIT_CARD','UPI','NETBANKING')	YES		NULL	
fertilizerorder_id	int(11)	NO	UNI	NULL	

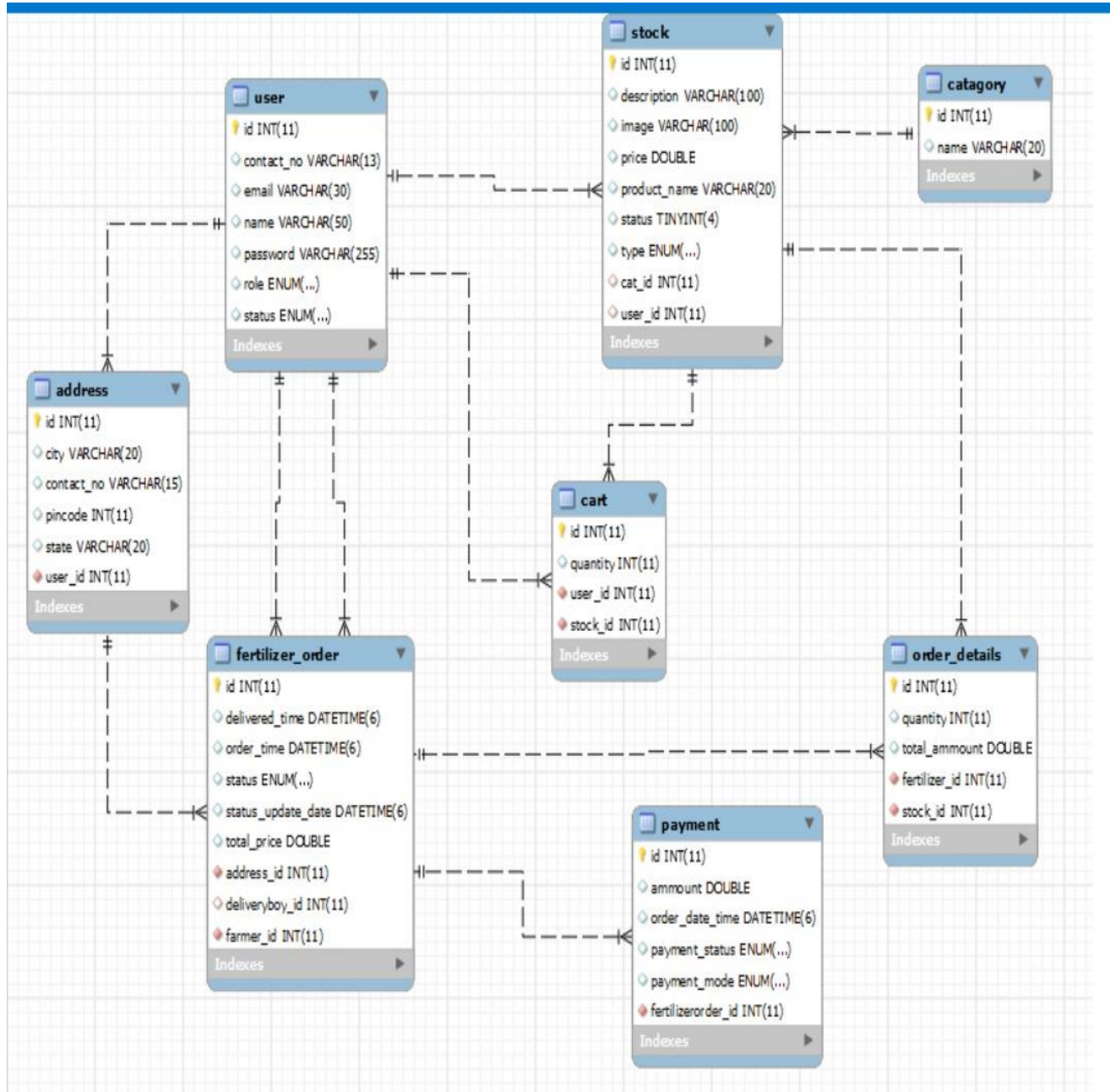
6 rows in set (0.02 sec)

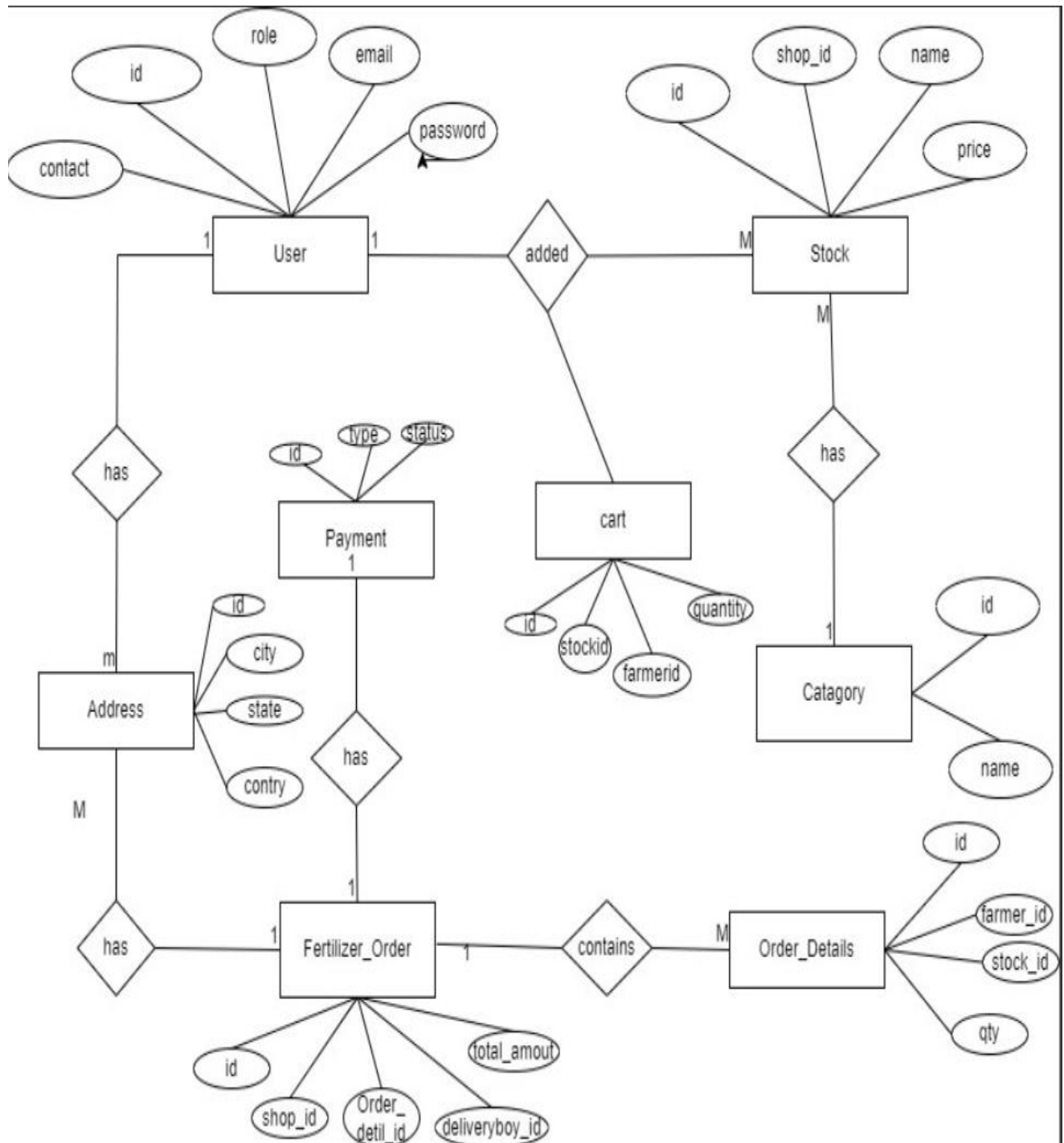
```
mysql> select * from payment;
```

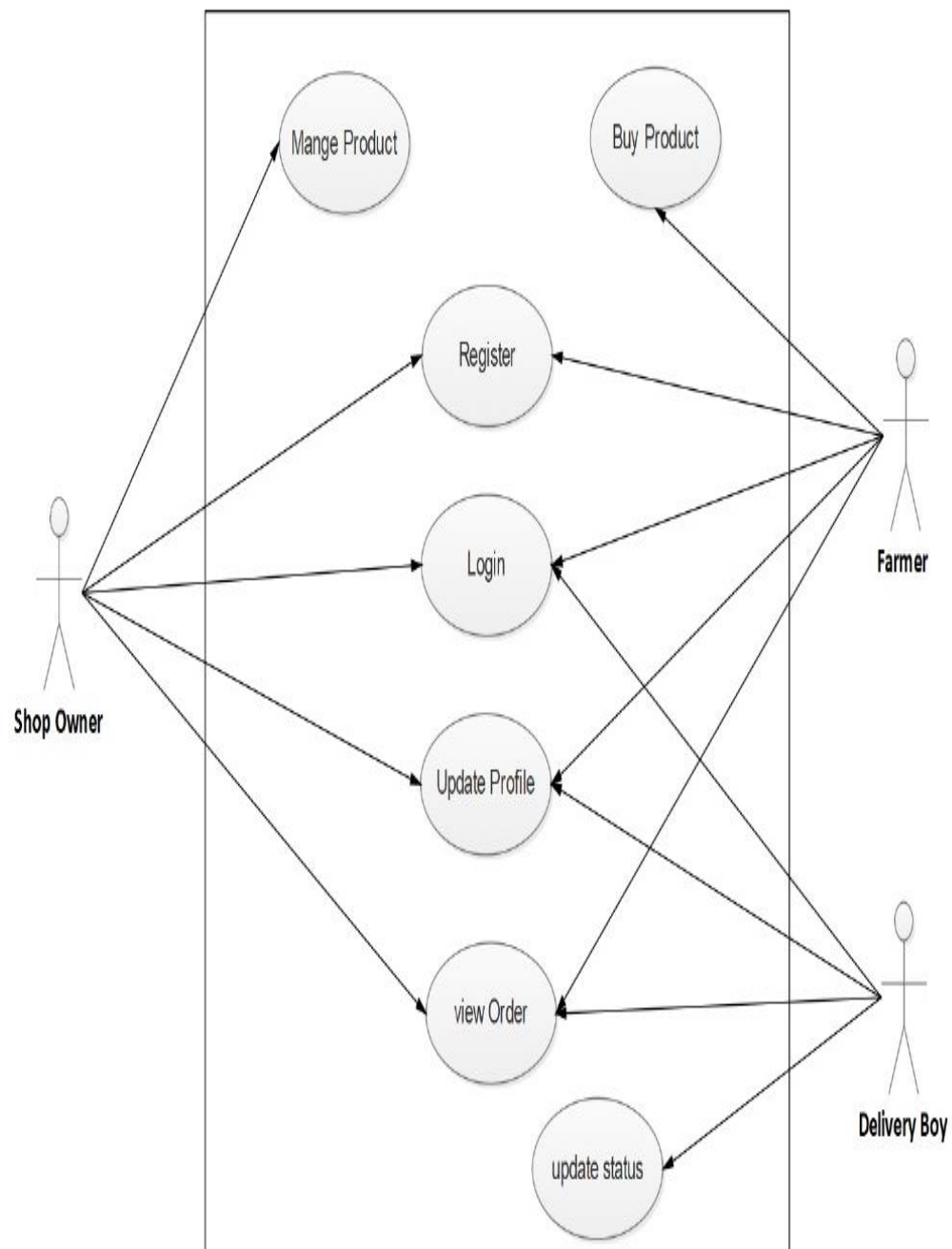
id	ammount	order_date_time	payment_status	payment_mode	fertilizerorder_id
1	714	2024-08-17 02:44:39.000000	PENDING	COD	1
2	5998	2024-08-17 02:49:11.000000	PENDING	COD	2

2 rows in set (0.00 sec)

4.2 Entity Relationship Diagram:

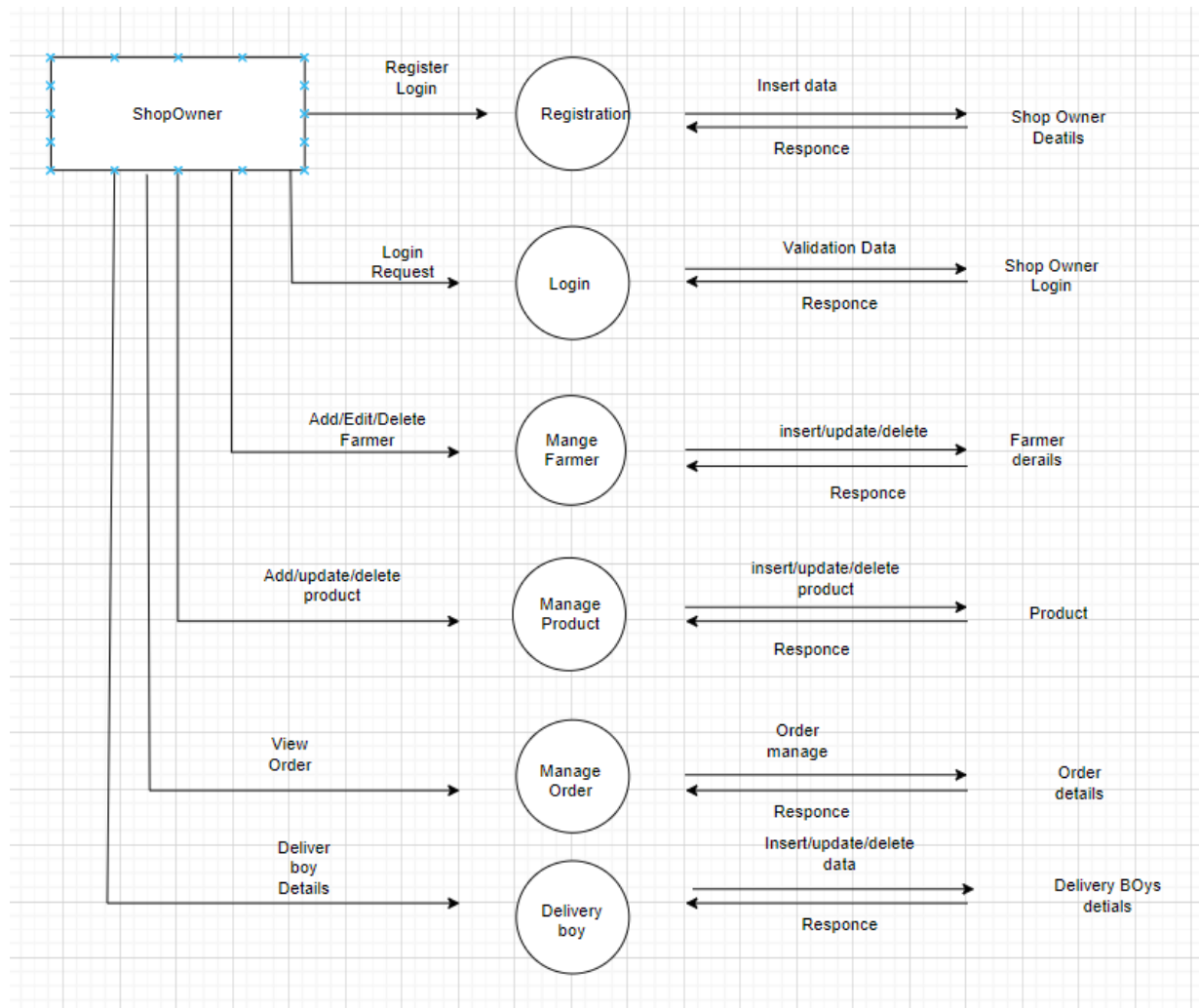




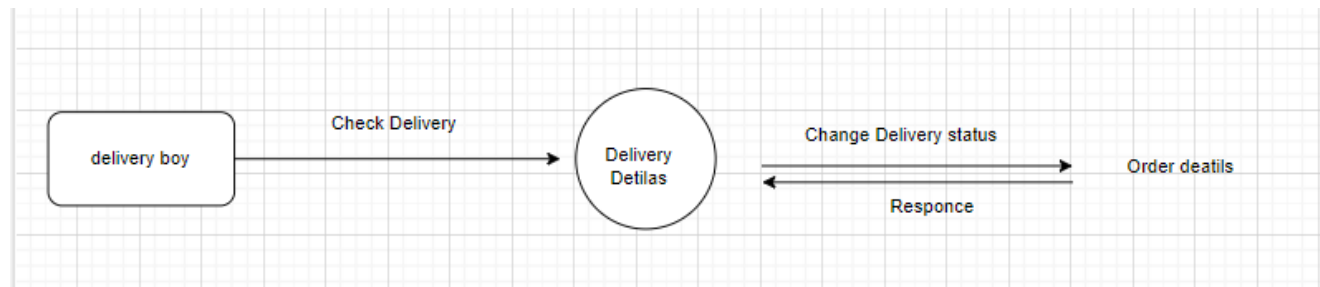
4.4 Use Case Diagram:

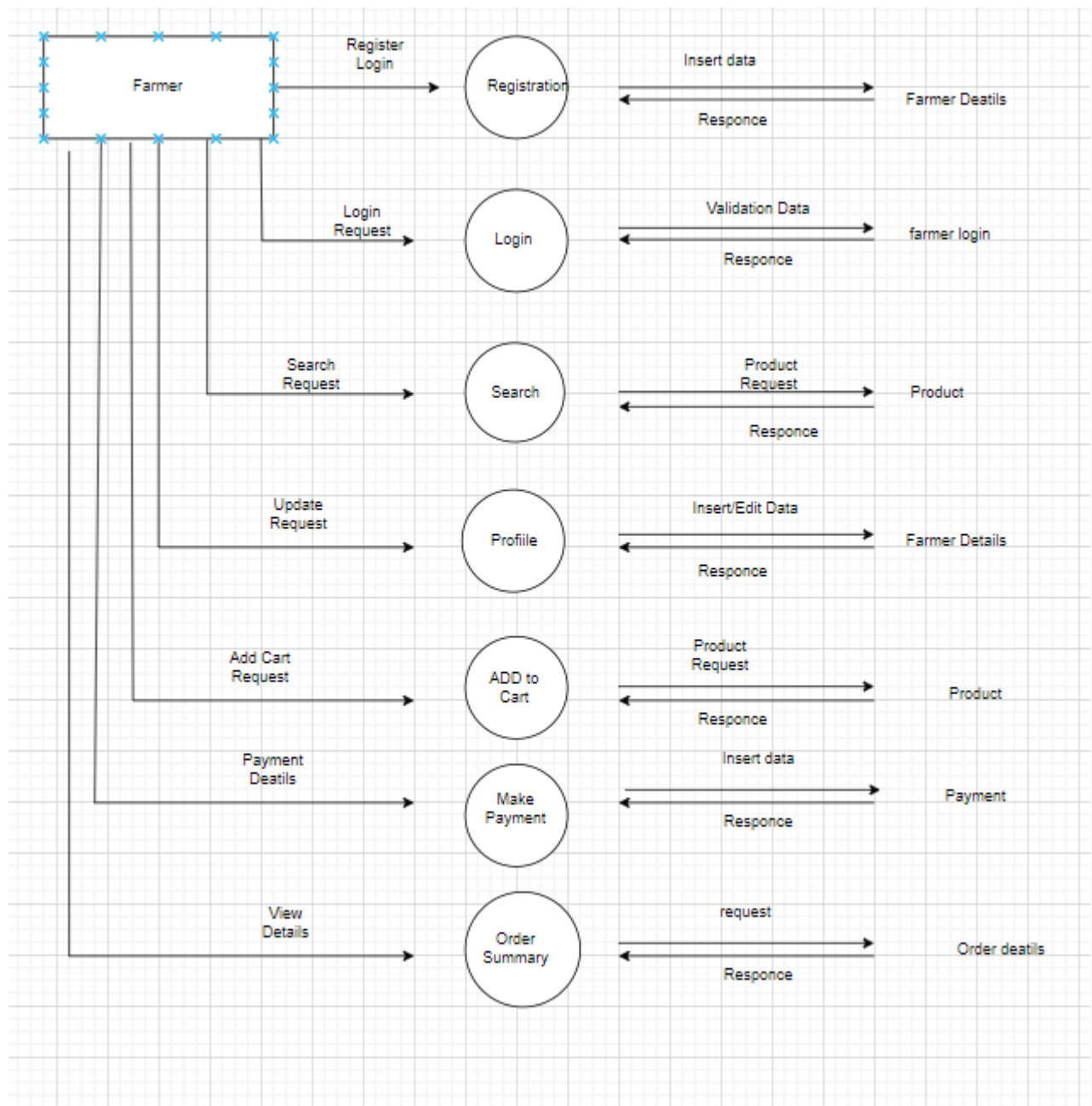
Data Flow Diagram

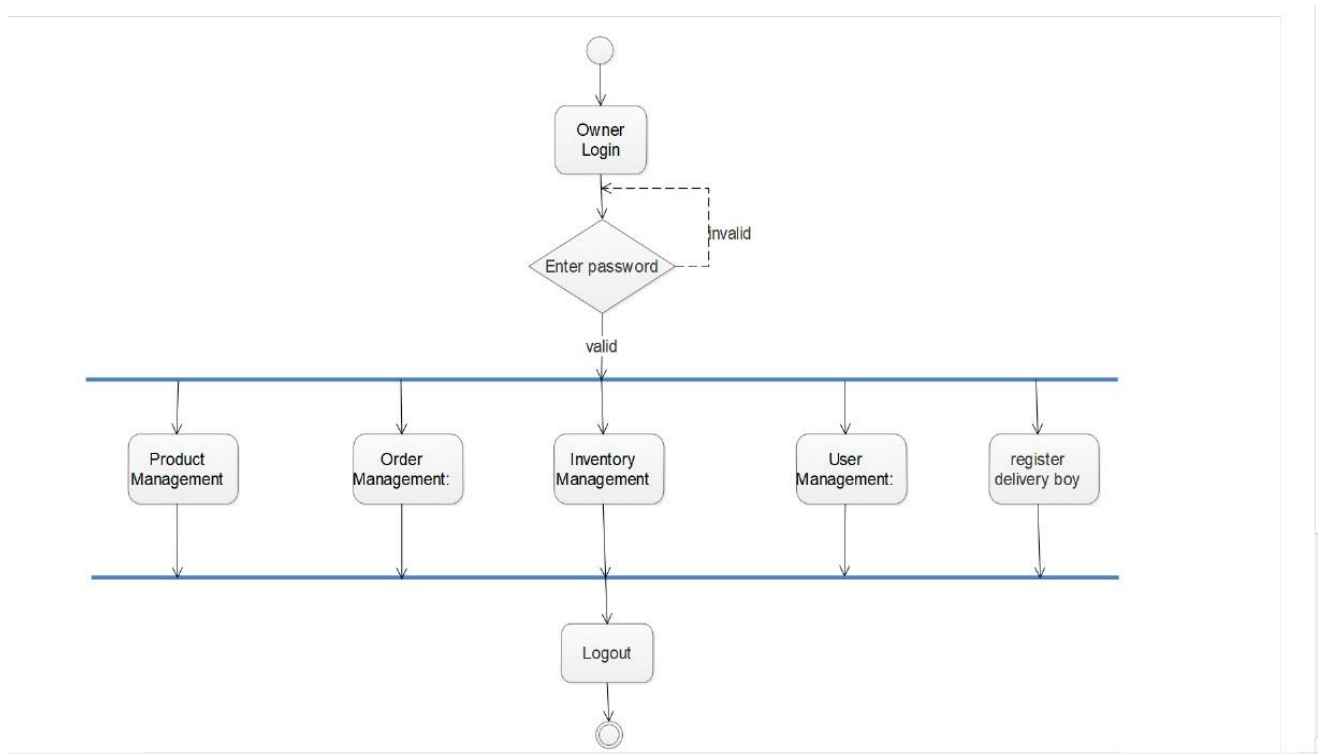
Shop Owner :



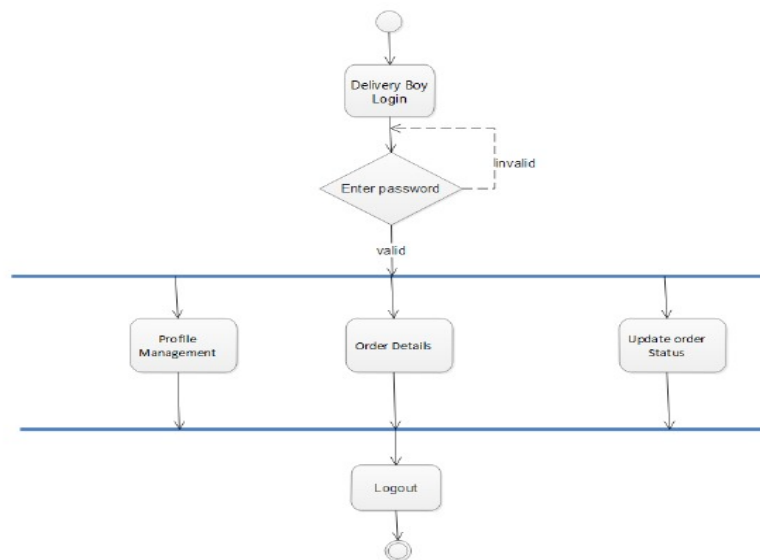
Delivery Boy:



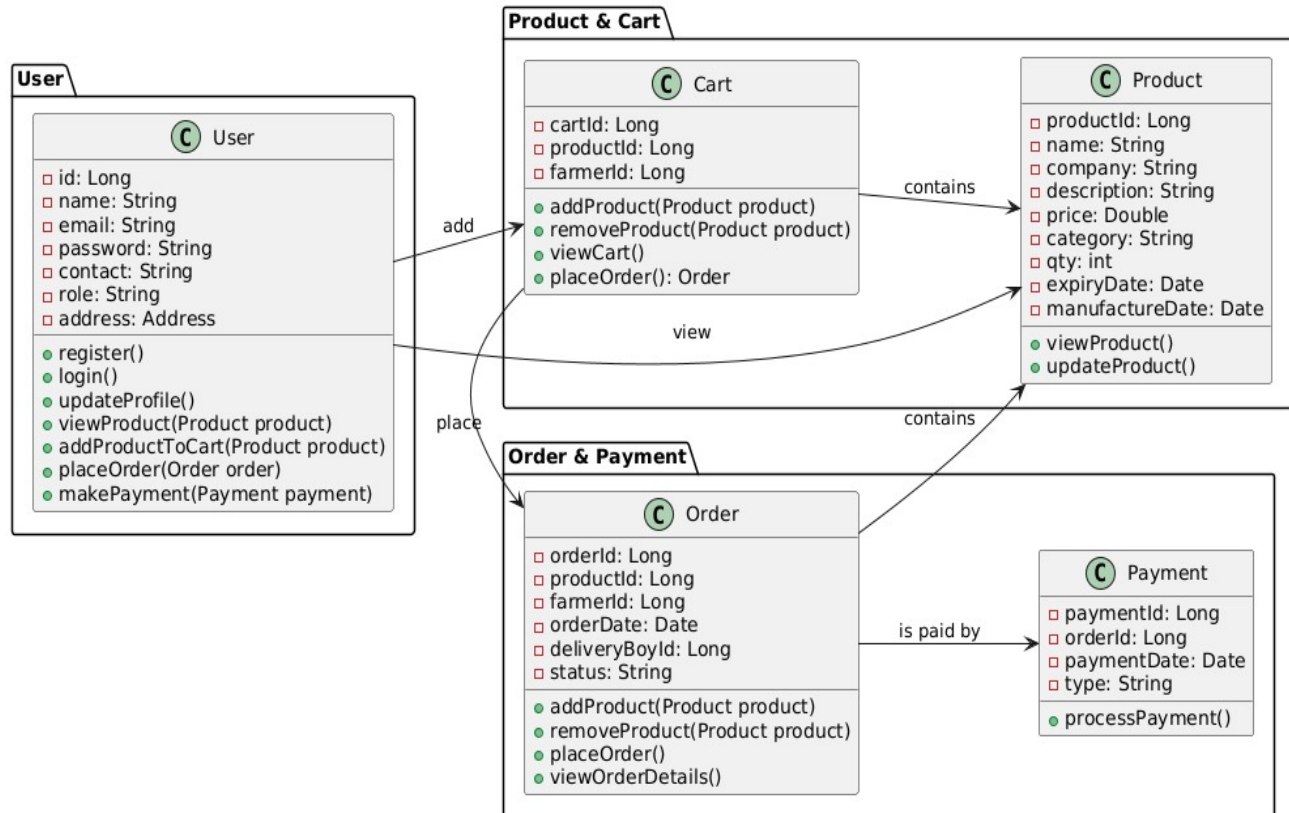
Farmer diagram:

Shop Owner Activity Diagram:**Farmer activity diagram:**

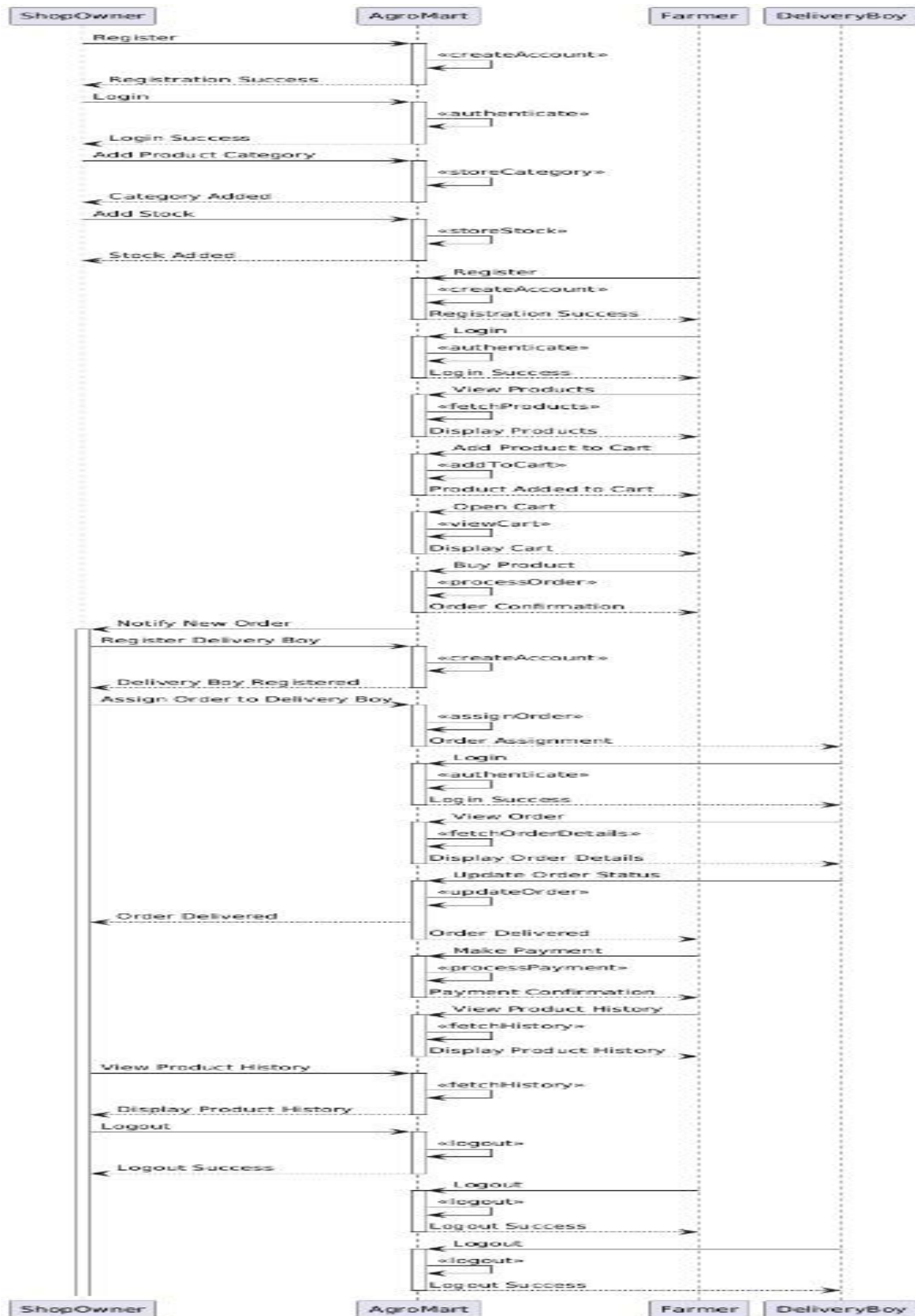
Delievery boy



Class Diagram:



Sequence diagram



Project Screenshots

5.1 Login Page

5.1.1 Login Page



5.1.2 Register for shop owner

A screenshot of the AgroMart registration form for a shop owner. The form is titled 'AgroMart' in orange text on a green header bar. The form fields are as follows: 'Name' with the value 'pankaj dukare'; 'Phone Number' with the value '9373809473'; 'Email' with the value 'pankajdukare73@gmail.com' and a green 'Valid email' message below it; 'Password' with a masked input '*****' and a green 'Strong Password!' message below it; 'Confirm Password' with a masked input '*****'; and 'Role' with a dropdown menu showing 'Shop Owner'. At the bottom of the form is a green 'Signup' button and a link that says 'Already have an account? [Sign in here](#)'.

5.2 Shop Omwer

5.2.1 Shop Owmer Login:

AgroMart

Name
pankaj dukare

Phone Number
9373809473

Email
pankajdukare73@gmail.com
Valid Email!

Password

Strong Password!

Confirm Password

Role
Shop Owner

Signup

Already have an account? [Sign in here](#)

5.2.2 Shop Owner add category of product

AgroMart Categories Products Add Deliverboy Farmer List Accepted Orders DeliveryBoy-List pankaj dukare

CATEGORY LIST

Id	Name	
1	organic	Edit
2	Inorganic	Edit
3	pestiside	Edit
4	Herbicides	Edit
5	Insecticides	Edit
6	Fungicides	Edit

ADD NEW CATEGORY

Category Name :

ADD

5.2.3 All Product List

AgroMart

CategoriesProductsAdd DeliverboyFarmer ListAccepted OrdersDeliveryBoy-List

pankaj dukare

Product Name	Category	Status	Price	Actions
Anandham	organic	AVAILABLE	2999	EDIT
N:P:K (20:20:20)	Inorganic	AVAILABLE	2500	EDIT
MAJOR NUTRIENT	organic	AVAILABLE	4025	EDIT
Urea	Inorganic	AVAILABLE	266	EDIT
Bajara	Cereal grain	AVAILABLE	308	EDIT
SWEET CORN	Cereal grain	AVAILABLE	3149	EDIT
BIOSEED HYBRID PADDY	Cereal grain	AVAILABLE	570	EDIT
Hybrid jowar seeds	Cereal grain	AVAILABLE	750	EDIT
212 BRINJAL SEEDS	vegetables seeds	AVAILABLE	125	EDIT
TOMATO SEEDS	vegetables seeds	AVAILABLE	617	EDIT
WATERMELON SEEDS	fruit seeds	AVAILABLE	357	EDIT
KRISH F1 CUCUMBER	vegetables seeds	AVAILABLE	612	EDIT
PAPAYA SEEDS	fruit seeds	AVAILABLE	208	EDIT
Musk Melon	fruit seeds	AVAILABLE	878	EDIT

5.2.4 Shop Omwer View new orders

AgroMart

CategoriesProductsAdd DeliverboyFarmer ListAccepted OrdersDeliveryBoy-List

pankaj dukare

New Orders

Id	Farmer name	Address	Contact	Product	Quantity	Order Date	Order Time	Status	
1	Akshay balte	pune,mh 435789	87659042546	WATERMELON SEEDS	2	17/9/2024	2:44:39 am	PLACED	Accept
2	mahesh	nashik,mh 410504	9834071786	Anandham	2	17/9/2024	2:49:11 am	PLACED	Accept

5.2.5 Shop Owner Accepted order

AgroMart

CategoriesProductsAdd DeliverboyFarmer ListAccepted OrdersDeliveryBoy-List

pankaj dukare

Accepted Orders

Id	Customer name	Address	Contact	Product	Quantity	Order Date	Order Time	Payment Status	Status	
2	mahesh	„nashik,mh 410504	9834071786	Anandham	2	17/9/2024	2:49:11 am	PENDING	READY	select Update
1	Akshay balte	„pune,mh 435789	87659042546	WATERMELON SEEDS	2	17/9/2024	2:44:39 am	PENDING	READY	select Update

5.2.7 Shop Owner see Farmer List

AgroMart [Categories](#) [Products](#) [Add Deliverboy](#) [Farmer List](#) [Accepted Orders](#) [DeliveryBoy-List](#) pankaj dukare

Farmer List

Id	Name	Email	Contact
2	Akshay balte	*****	*****

5.2.8 shop owner see Delivery Boy list

AgroMart [Categories](#) [Products](#) [Add Deliverboy](#) [Farmer List](#) [Accepted Orders](#) [DeliveryBoy-List](#) pankaj dukare

DeliveryBoy List

Id	Name	Email	Contact
3	yogesh patil	patil73@gmail.com	7654796347

5.3 Farmer Login

Name

Akshay balte

Phone Number

7447686704

Email

akshay73@gmail.com

Password

Update

5.3.1 View All Products

AgroMart

products

Cart

MyOrders

Akshay balte

ALL

SEED

NPK


organic

Inorganic

Cereal grain

Herbicides


In



Anandham
[pankaj dukare]
Company name: T-Stanes Package: 40Kg
Rs. 2999

Enter Qty


Add To Cart



N:P:K (20:20:20)
[pankaj dukare]
Company name: Humic Factory Company name:
Humic Factory
Rs. 2500

Enter Qty

Add To Cart



MAJOR NUTRIENT
[pankaj dukare]
Company name: mahadhan Package: 25kg
Rs. 4025

Enter Qty

Add To Cart

5.3.2 View Cart

Stock Name	Qty	Price	Total	Action
WATERMELON SEEDS	2	357	714	Remove

Order total : 714 Rs. WOW!! you got free delivery!!

[Proceed](#) [Back](#)

5.3.3 for payment Process start it first take Address

ADDRESS

City
pune

State
mh

Contact No
87659042546

Pin Code
435789

[Submit](#)

5.3.4 Payment Process

Payment

☐ COD

☐ CREDIT CARD

☐ DEBIT CARD

☐ UPI

☐ NETBANKING

[Place Order](#)

5.3.5 Order List

AgroMart

products

Cart

MyOrders

Akshay balte

Details	Total Bill	Order status	Pay Status
WATERMELON SEEDS-2	714	PLACED	PENDING

5.3.6 Farmer can update profile

Name

Akshay balte

Phone Number

7447686704

Email

akshay73@gmail.com

Password

Update

5.4 Delivery Boy Homepage:

Home

Accept Order

My Orders

yogesh patil

New Orders

Id	farmer name	Address	Contact	Price	Order Date	Order Time	
2	maresh	nashik,mh 410504	9834071786	Rs : 5998	Invalid Date	Invalid Date	Accept
1	Akshay balte	pune,mh 435789	87659042546	Rs : 714	Invalid Date	Invalid Date	Accept

5.4.1 Delivery Boy order

Home

Accept Order

My Orders

yogesh patil

Assigned Orders

Id	farmer name	Address	Contact	Price	Payment Status	Order Date	Order Time	Status	
2	maresh	..nashik,mh 410504	9834071786	Rs : 5998	PENDING	17/9/2024	2:49:11 am	DELIVERY_ASSIGNED	<div>select</div> <div>Update</div>
1	Akshay balte	..pune,mh 435789	87659042546	Rs : 714	PENDING	17/9/2024	2:44:39 am	DELIVERY_ASSIGNED	<div>select</div> <div>Update</div>

FUTURE SCOPS

Future Scope for AgroMart Project:

In the future, Our project ‘AgroMart ‘ can expand its features to serve a larger audience and offer more advanced tools. Some potential improvements include:

Mobile App: Developing a mobile app for AgroMart would make it easier for farmers and shop owners to manage their tasks on the go, offering even more convenience.

Advanced Analytics: AgroMart could introduce more detailed data analysis tools to help shop owners make better business decisions by understanding customer buying patterns and predicting future demands.

Multi-Language Support: Adding support for multiple languages would allow more users from different regions to use AgroMart comfortably in their native language.

Partnerships with Suppliers: The system could expand to connect fertilizer shops with suppliers, allowing for automated restocking based on inventory levels.

Weather-based Recommendations: AgroMart could offer weather-based suggestions for fertilizers and other farming supplies, helping farmers make better decisions.

With these enhancements, AgroMart can continue to grow and offer even better support to fertilizer shops and farmers, helping them succeed in the evolving agricultural landscape.

CONCLUSION

AgroMart is a simple and efficient web-based solution that helps fertilizer shop owners, farmers, and delivery workers manage their work more easily. It brings together product management, order processing, and delivery tracking into one platform, making daily tasks faster and more organized.

With features like real-time updates, automatic alerts, and easy-to-use reports,

AgroMart improves how fertilizer shops operate. By focusing on ease of use, security, and the ability to grow with more users, AgroMart makes fertilizer shops more productive and reduces the chances of mistakes. It helps farmers get the fertilizers they need quickly, while shop owners and delivery workers can better manage their jobs .

AgroMart can helps Shop owner to manage all product ,list of farmer for anyalis and give direct delivery to farmer. AgroMart connects technology and farming, making fertilizer supply easier and more efficient for everyone involve

REFERENCES

Following is the list of websites we referred to during the course of our project:

- i. <https://getbootstrap.com/docs/5.1/getting-started/introduction/>
- ii. <https://reactjs.org/docs/getting-started.html>
- iii. <https://www.baeldung.com/>
- iv. <https://www.w3schools.com/>
- v. <https://docs.spring.io/spring-data/jpa/docs/current/reference/html/#reference>
- vi. <https://javaee.github.io/javaee-spec/javadocs/>
- vii. <https://javadoc.io/doc/org.springframework.data/spring-data-jpa/latest/index.html>