



**PROF. V. B. SHAH INSTITUTE OF MANAGEMENT,  
R. V. PATEL COLLEGE OF COMMERCE (ENG. MED.),  
V. L. SHAH COLLEGE OF COMMERCE (GUJ. MED.) &  
SUTEX BANK COLLEGE OF COMPUTER APPLICATIONS & SCIENCE**

Managed by Jivan Jyot Trust, Amroli.

All Colleges are Affiliated to Veer Narmad South Gujarat University, Surat.

Self Financed B.B.A. - B.Com. (Eng. & Guj. Med.) - B.C.A & B.Sc. Data Science Degree Programme

Accredited by National Assessment and Accreditation Council with "B" Grade

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**PROJECT REPORT  
ON  
AGROCARE**

**AS A PARTIAL REQUIREMENT FOR THE DEGREE**

**OF**

**BACHELOR OF COMPUTER APPLICATION  
(B.C.A.)**

**SUBMITTED BY**

**747 5132 Bhalani Hiren Manishbhai**

**GUIDED BY**

**Asst. Prof. Ragini. B. Prasad**



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## Bachelor of Computer Application Project Certificate

This is to certify that the project titled "Agrocare : Agriculture Business, Networking, Services Application" is the bonafide work carried out by Bhalani Hiren Manishbhai (5132), student of TYBCA Sem- VI of Sutex Bank College of Computer Applications and Science, Amroli, (Surat) affiliated to Veer Narmad South Gujarat University. He/She has successfully completed his/her project work in partial fulfillment of the requirements for the award of the degree of "Bachelor of Computer Application" during the academic year 2023-24. And that the project has not formed the basis for the award previously of any other degree, diploma, fellowship or any other similar title.

Group No. 8

Internal Guide : Dr. Ragini B. Prasad

Signature : Ragini B. Prasad

Date : 27 - 03 - 2024



*[Signature]*

**Dr. Mukesh R. Goyani**  
Principal

External Examiner : \_\_\_\_\_



## **ACKNOWLEDGEMENT**

This project would not have been possible without the kind support and help of many individuals and institutions. We would like to extend our sincere thanks to all of them. Our special thanks to the Veer Narmad South Gujarat University for providing project training in syllabus. Our sincere thanks to our college Sutex Bank College of Computer Applications & Science for providing us the suitable environment. Our special thanks to the Principal Dr. Mukesh Goyani sir and co-ordinator Dr. Jaimin Shukla sir for providing support.

We are highly indebted to our internal guide Asst. Prof. Ragini. B. Prasad for his / her guidance and constant supervision as well as for providing necessary information regarding the project & also for their support in completing the project.

We would like to express our gratitude towards my parents for their kind cooperation and encouragement which helped us in completion of the project.

We would like to express our thanks for all those who have directly or indirectly helped us to complete this project.

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## 1. Introduction

- 1.1 College Profile
- 1.2 Project description
- 1.3 Project Profile

## 1.1 College Profile

Prof. V. B. Shah Institute of Management, R. V. Patel College of Commerce (English Medium), V. L. Shah College of Commerce (Gujarati Medium) & **Sutex Bank College of Computer Applications & Science** are Self - Financed colleges affiliated to the Veer Narmad South Gujarat University, Surat. Prof. V. B. Shah Institute was started in the year 1998 with a view to churn out management professionals. A progressive academic record has been maintained in this regard. The R. V. Patel College of Commerce which was started in the year 2001 offers the B.Com. degree programme in English Medium whereas the V. L. Shah college of Commerce started in the year 2006 offers the B.Com. degree programme in Gujarati Medium. **Sutex Bank College of Computer Applications & Science** started in the year 2000 offers the B.C.A. degree programme, with the onset of the 21st century, there has been tremendous advancement in science and technology.



The entire academic year is replete with academic, extra & co-curricular activities, sporting events, guest lectures, Industrial Visit, Educational tour, seminars and workshops. A significant goodwill has been created by the institute among its stakeholders.

The institute is proud to have a qualified, competent and an industrious staff. They assist the students in unleashing their talents and exhibiting their skills. The perspective institutional plan is collectively chalked out by the I/c Principal, members of the managing trust (Jivan Jyot Trust,

Amroli), the faculty members as well as the administrative staff. Industrial visits and practical tasks help the students a great deal in supplementing their learning. Students are also given ample of scope to sharpen their entrepreneurial skills. The institute takes pride in stating that it focuses on the optimal use of resources available and takes all the measures for quality enhancement and quality sustenance.

## 1.2 Project description

Welcome to AgroCare, the groundbreaking Android application designed to revolutionize farming practices and empower farmers across rural India. AgroCare encompasses a wide array of features tailored to meet the diverse needs of the agricultural community, providing a comprehensive platform for networking, resource access, and knowledge sharing.

At its core, AgroCare fosters a vibrant community of farmers through its networking capabilities. Users can post updates, seek advice, and engage with fellow members, facilitating collaboration and collective problem-solving. With features such as likes, comments, shares, and saves, users can interact with posts in a dynamic and meaningful way, enriching the agricultural discourse.

In addressing the crucial aspect of labor management, AgroCare allows farmers to publish vacancies for agricultural work, connecting them with potential laborers seeking employment opportunities. Through direct contact via WhatsApp or phone calls, the platform streamlines the process of recruitment, ensuring efficient workforce allocation and task delegation.

Facilitating trade within the agricultural community, AgroCare serves as a marketplace for a variety of products and services. From domestic animals to cultivation products and tools, users can showcase their offerings and connect with interested buyers, facilitating seamless transactions and fostering economic growth.

Keeping users informed and empowered, AgroCare aggregates essential weather information based on the user's location. This feature equips farmers with timely insights into weather patterns, enabling them to make informed decisions regarding crop management and agricultural practices.

In addition to weather updates, AgroCare provides users with access to news and government schemes related to farming. Administrators regularly publish relevant information, ensuring that users stay informed about the latest developments in agriculture and have access to beneficial government initiatives.

AgroCare also harnesses the power of artificial intelligence to provide personalized consulting services to farmers. Whether it's disease

management, farming techniques, or crop optimization, our AI guide offers valuable insights and recommendations, empowering users to enhance their agricultural productivity and efficiency.

Recognizing the linguistic diversity of rural India, AgroCare is available in 12 regional languages, ensuring accessibility and inclusivity for all users. This multilingual approach enables farmers from diverse backgrounds to access the platform and benefit from its features seamlessly.

In addition to its core functionalities, AgroCare offers a streamlined marketplace for agricultural products. Administrators can publish a wide range of farming-related items such as seeds, plants, and pesticides directly within the app. Users can browse these products, add them to their cart, and place orders with the option for both cash on delivery and online payment methods. This seamless ordering process ensures convenience for farmers while facilitating access to essential supplies for their agricultural endeavors. Moreover, users have the ability to view their order history, enabling them to track past purchases and plan future procurement needs efficiently. Administrators also benefit from access to date-wise order records, providing them with valuable insights into user preferences and transaction trends for effective management and planning.

For administrators, AgroCare offers comprehensive oversight and management tools, including access to user data and visual statistics. Administrators can monitor platform performance, make informed decisions, and ensure the smooth operation of the application.

In essence, AgroCare is more than just an app; it's a transformative tool that empowers farmers, fosters collaboration, and drives sustainable growth in India's agricultural sector. Join us as we embark on this journey to revolutionize farming practices and improve livelihoods with AgroCare.

### 1.3 Project Profile

## AgroCare

<b>Project title:</b>	AgroCare
<b>Project Label:</b>	Agriculture Management System
<b>Package Name:</b>	com.project.agriculturemanagementapp
<b>Frontend:</b>	Extensive Markup Language
<b>Backend:</b>	Java, Firebase
<b>Operating system:</b>	Android
<b>Platform:</b>	Android studio, firebase console
<b>Documentation tool:</b>	Microsoft word, Draw.io
<b>APK Size:</b>	29.6 MB (3,10,74,014 bytes)
<b>Target SDK Version:</b>	33
<b>Minimum SDK Version:</b>	26
<b>Android Gradle Plugin Version:</b>	8.0.2
<b>Project Duration:</b>	4 months
<b>Api Providers:</b>	Openweathermap.org Google Gemini Razor Pay
<b>Internal Guide:</b>	Asst. Prof. Ragini. B. Prasad
<b>Submitted to:</b>	Sutex Bank College of Computer Applications & Science.



## 2. Environment Description

2.1 Hardware and Software Requirements

2.2 Technologies Used

## 2.1 HARDWARE AND SOFTWARE REQUIREMENT

### ❖ SOFTWARE REQUIREMENT

<b>Operating System</b>	<b>Android OS</b>
<b>Software</b>	<b>Android Studio</b>
<b>Front End</b>	<b>Extensive Markup Language</b>
<b>Back End</b>	<b>Java</b>
<b>Browser</b>	<b>Google Chrome, Brave, Microsoft Edge</b>
<b>Database</b>	<b>Firebase Database</b>

### ❖ HARDWARE REQUIREMENT

<b>Processor</b>	<b>2Ghz Processor.</b>
<b>RAM</b>	<b>2GB</b>
<b>Memory Storage</b>	<b>512MB</b>

## 2.2 Technology Used

### ❖ Introduction to Android

Android, since its inception in 2008, has revolutionized the mobile landscape with its open-source nature, Linux kernel foundation, and focus on touchscreen interaction. Its popularity stems from a robust ecosystem fueled by collaboration and innovation among developers worldwide. Key features such as customizable UI, seamless Google integration, a vast app ecosystem via the Play Store, and adaptable hardware compatibility have contributed to its widespread adoption. Furthermore, Android prioritizes user security with features like app sandboxing and regular security updates, ensuring a safe and reliable user experience across devices.

### ❖ Java in Android Development

Java plays a pivotal role in Android development, serving as the primary language for building apps that interact with the Android SDK. Its object-oriented nature aligns well with Android's architecture, facilitating code organization and maintenance. Developers leverage Java for UI development, event handling, data management, concurrency, and multithreading, utilizing its extensive ecosystem of third-party libraries for additional functionality. Java's versatility empowers developers to create high-quality, feature-rich apps for the Android platform, driving innovation and user engagement.

### ❖ Firebase Database in Android Development

Firebase Database, a cloud-hosted NoSQL database, offers real-time data synchronization and offline capabilities, making it a preferred choice for Android developers. Its NoSQL structure allows for flexible data storage without predefined schemas, while offline persistence ensures a seamless user experience even without an internet connection. Security rules enable granular access control, while seamless integration with other Firebase services enhances app functionality. Scalability, performance, easy setup, and management

further solidify Firebase Database as a valuable tool for Android app development.

## ❖ XML in Android Development

XML serves as the backbone of Android UI development, providing a declarative syntax for defining UI layouts and structures. With XML, developers can efficiently manage resources, customize UI elements, and support various screen sizes and orientations. Data binding enables seamless communication between the UI layer and application logic, while Android Studio's visual editor allows for real-time preview and visualization of XML layouts. Together, these features empower developers to design intuitive and visually appealing user interfaces for Android applications, driving user engagement and satisfaction.

### **3. System Analysis and Planning**

- 3.1 Existing System and its Drawbacks**
- 3.2 Feasibility Study**
- 3.3 Requirement Gathering and Analysis**

### 3.1 EXISTING SYSTEM AND ITS DRAWBACKS

#### ❖ Existing system

- ✓ In the existing system customer has to use different application for different purpose, which makes it very complex to get different kind of services. Most of the existing systems are tailored to local community and those which are nation wide lack in providing services which farmers need as most of them will only provide networking facility. System which provides basic services lacks other functionality.
- ✓ Moreover, there are so limited platform which provides farming labour and wages management. In short, existing system provides only limited functionality so user have to keep multiple app installed in their mobile which is headache for them. Furthermore, due to this all the user looking for different service will log in to only specific system which devide community of farmers. But what if all this farmers come on single system?

#### ❖ Drawbacks

1. Limited Networking Features: Some existing systems may lack comprehensive networking features, such as real-time chat functionality and interactive post engagement options, limiting user interaction and engagement within the farming community.
2. Ineffective Labor Management: Certain systems may offer limited capabilities for farmers to publish labor vacancies and for users to find and contact job listings efficiently, leading to challenges in workforce allocation and recruitment.
3. Absence of Payment Tracking: Many systems may not provide users with the ability to track payments to

laborers, resulting in a lack of transparency and accountability in financial transactions within the agricultural sector.

4. Poor Product Visibility: Some platforms may not adequately showcase users' agricultural products, tools, and accessories for sale, hindering their ability to reach potential buyers and limiting market access.
5. Limited Product Catalog: Certain systems may have a restricted product catalog for farming-related products, with fewer options available for users to explore and purchase essential supplies and equipment.
6. Insufficient Information on News and Government Schemes: Some platforms may not offer comprehensive coverage of news and government schemes related to farming, leaving users uninformed about important developments and opportunities in the agricultural sector.
7. Inaccurate Weather Information: Existing systems may provide weather information that is not precise or tailored to the user's current location, leading to potential inaccuracies in agricultural planning and decision-making.
8. Lack of AI Guidance: Many systems may lack AI-powered guidance and consulting services for farmers, depriving users of valuable insights and recommendations on disease management and farming practices.
9. Limited Language Support: Some platforms may not offer multilingual support for users from diverse linguistic backgrounds, excluding non-English speaking users from accessing essential features and information.

## 3.2 FEASIBILITY STUDY

The measure of how beneficial or practical the development of the informant system will be to an organization. Along this topic, feasibility is measured. So far taking the feasibility study and feasibility analysis during the development of the Agrocate System we have studied the following four major categories of a feasibility study.

- 1) Operational Feasibility
- 2) Technical Feasibility
- 3) Schedule Feasibility
- 4) Economic Feasibility

### **Operational Feasibility:**

AgroCare demonstrates high operational feasibility due to its user-friendly interface and seamless integration of features catering to the diverse needs of the agricultural community. The networking capabilities, labor management tools, marketplace functionality, and access to essential information all contribute to enhancing the operational efficiency of farmers. Additionally, the multilingual support ensures accessibility for users from various linguistic backgrounds, further enhancing the operational feasibility of the app.

### **Technical Feasibility:**

The technical feasibility of AgroCare is robust, supported by its utilization of Java programming language, Firebase for backend infrastructure, and integration of free AI services. These technologies enable the smooth functioning of the app, facilitating features such as real-time networking, payment tracking, weather aggregation, and personalized consulting through AI. Furthermore, leveraging GitHub ensures version control and collaborative development, enhancing the technical viability of the project.

### Schedule Feasibility:

AgroCare demonstrates strong schedule feasibility, as evidenced by the successful integration of its diverse features within a reasonable development timeframe. The efficient utilization of Firebase and free AI services expedites development, while the use of Java ensures compatibility with Android devices. Moreover, leveraging GitHub for version control streamlines the development process, allowing for timely updates and enhancements to meet project milestones and deadlines effectively.

### Economic Feasibility:

From an economic standpoint, AgroCare offers significant value to its users while maintaining cost-effectiveness in its development and operation. Utilizing free AI services and open-source technologies such as Firebase and GitHub helps minimize development costs. Furthermore, the potential for revenue generation through marketplace transactions and premium features ensures long-term sustainability and profitability.

### 3.3 Requirement Gathering and Analysis

The choice of method is influenced by the data collection strategy, the type of variable, the accuracy required, the collection point, and the skill of the enumerator. Links between a variable, its source, and practical methods for its collection can help in choosing appropriate methods. The choice of the many methods for collecting data will depend on the variable to be measured, the source, and the resources available. In many cases, there is a natural way to collect particular variables.

- ❖ Conduct a brainstorming session
- ❖ Work in the target environment
- ❖ Document Analysis
- ❖ Interview
- ❖ Registration
- ❖ Observation
- ❖ Survey/Questionnaire etc.

For our system, we use observation and an Interview technique for requirement gathering to design system functionalities and made it easy to develop the system and achieved the desired goal.

- ◆ We visit many online Farming apps like Krishify, Agrostar, etc, and we see the functionality as a user of those apps and how they provide facilities to the customer for providing farming help and assistant online.
  - ◆ For Manage Farming, we visit the different apps and talk with the app's owner, and know the functionalities regarding managing data and making app with much more efficient in data handling , widespread community support, wide range of products and information etc...
  - ◆ Using this requirement, we analyse data and decide to follow the modules used.
- 1) User (Farmer)
  - 2) Admin

## 4. Proposed System

- 4.1 Scope
- 4.2 Project modules
- 4.3 Expected Advantages

## 4.1 Scope

The main objective of Agrocare is to enable farmer with one stop solution for their needs. The system allows farmers to fulfil their need of any goods, labours, information online. farmers can sell their product online without need of personalized store. Moreover, networking is in the heart of this system which allow farmers to build their own nation-wide community.

### **The Scope For the system can be as follow:**

- it contains a user-friendly layout & easy to understand for every user and admin.
- Provide all need of networking which involves feed, response to feed, real-time chatting, followers concept for priority of feed.
- Enable Recruiter farmer to post vacancy and job-seeker labour to find work.
- Allow user to maintain their payment of wages to labours , eliminating the need of keeping records in diaries.
- Farmers can sell their cultivation products, domestic animal, cultivation tools-products to all over nation without need of setting personalized store.
- Ecommerce store allow farmer to buy all their need of farming like pesticides, seed, fertilizer and so on online.
- Information about weather animation allow farmers to take decision about farming.
- News and government data makes farmers politically active and allow farmer to take benefit from every scheme.
- Queries related to farming will be solved quickly with the A.I. assistant.
- Allow admin to manage user data and publish data.

## 4.2 Project Module

➤ There are three system components in our system.

1. User
2. Admin

### 1) User

- User can post feed, response to other user's feed, chat with other users feed and follow another user.
- User can post vacancies and also view other vacancies of co-user, one can contact to recruiter by WhatsApp or direct call.
- User can publish their cultivation product, domestic animal and other tools and accessories for sell. Moreover, user can also contact other user through WhatsApp and call if he/she is interested in his/her item.
- User can maintain payment of wages to labour.
- User can buy all needed products from ecommerce store.
- User can obtain information related to weather based on their location.
- User can watch out latest news and government scheme.
- User can consult A.I. chat bot for all their queries.

### 2) Admin

- Admin will manage data of all user; admin has power to remove any data of any user.
- Admin can publish news and government scheme which then shown to user.
- Admin manages ecommerce store by listing new products and processing all the orders.
- Existing admin can add new admin of system.

## ❖ Module Wise Objective

### User

- Login
- OTP Verification
- Manage Feed
- Manage Vacancy
- Manage Resell data
- Manage labour data
- Chat with users
- Ecommerce Order
- Online Payment
- Chat with A.I.
- View Weather Data
- View News
- Get government scheme
- Update/Complete Profile

### Admin

- Login
- OTP verification
- Manage User Data
- Publish News
- Publish Government Scheme
- List Ecommerce Product
- Add Admin
- View Orders
- View Statistics

### 4.3 Expected Advantages

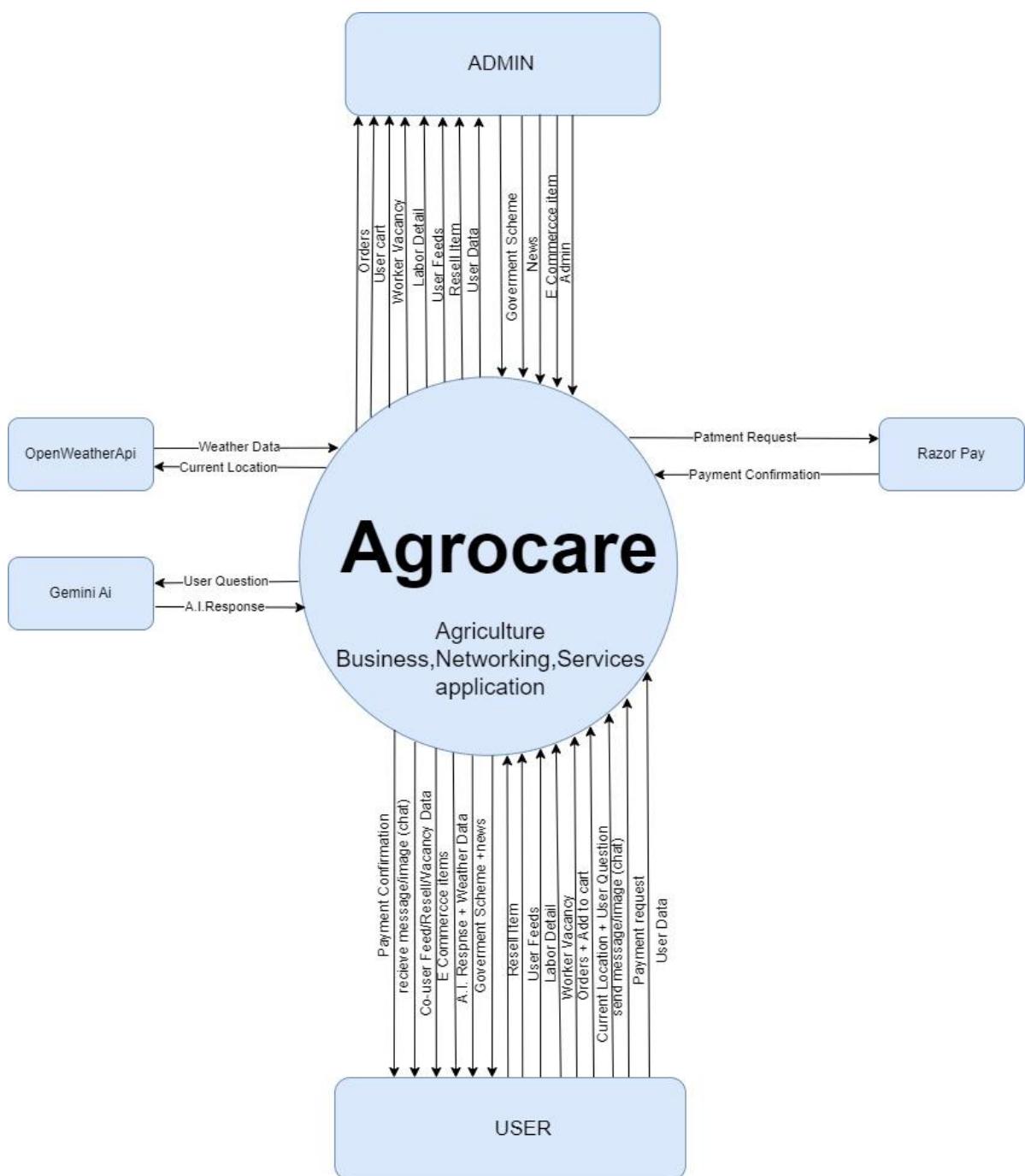
- ✓ **Ease of Communication:** Users can easily connect and communicate with fellow farmers, share insights, and seek advice through the networking feature. The real-time chat functionality enhances collaboration and knowledge sharing among users, irrespective of language barriers.
- ✓ **Efficient Labor Management:** Farmers can quickly publish labor vacancies, enabling seamless recruitment processes. Users seeking employment opportunities can easily browse and contact publishers, facilitating efficient workforce allocation and task delegation.
- ✓ **Transparent Payment Tracking:** The ability to track payments for labor ensures transparency and accountability in financial transactions. With instant SMS notifications upon wage payment, users have peace of mind knowing that their payments are accurately recorded and promptly communicated.
- ✓ **Convenient Trade Opportunities:** Users can effortlessly showcase and trade domestic animals, cultivation products, and tools, expanding market reach and facilitating transactions within the agricultural community. Direct contact options via WhatsApp or phone calls enhance convenience for buyers and sellers.
- ✓ **Access to Essential Products and Information:** With the admin's publication of farming-related products, users gain access to a wide range of essential supplies and resources. Additionally, the availability of news and government schemes relevant to farming ensures users stay informed about industry developments and opportunities for growth.
- ✓ **Personalized Guidance and Support:** The AI guide provides personalized consulting services to farmers, offering valuable insights and recommendations on disease management, farming techniques, and more. This feature empowers users to make informed decisions and optimize their agricultural practices for improved productivity and efficiency.

## 5. Detail Planning

- 5.1 Data Flow Diagram
- 5.2 Process Specification
- 5.3 Data Dictionary
- 5.4 Entity-Relationship Diagram

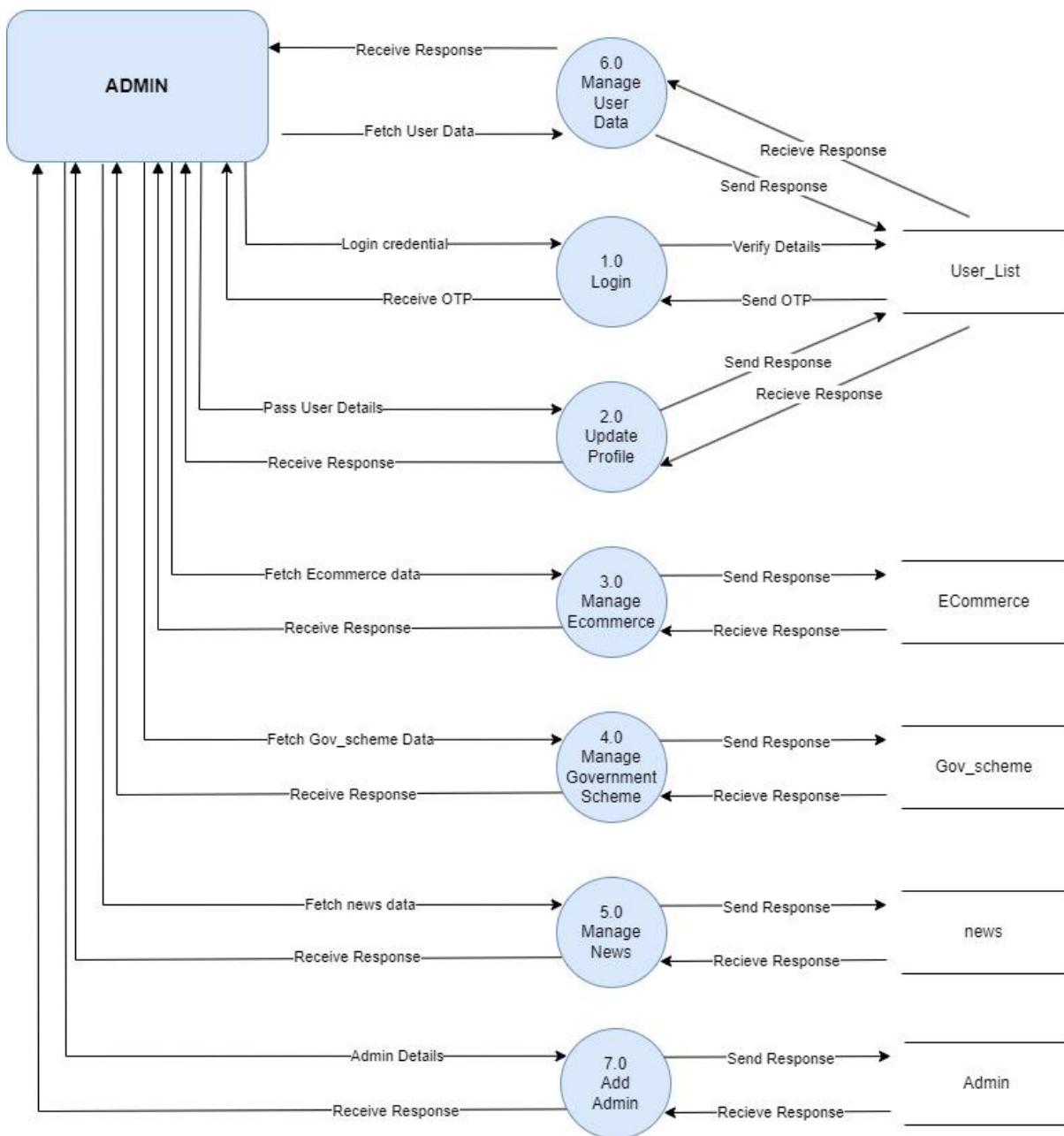
## 5.1 DATA FLOW DIAGRAM

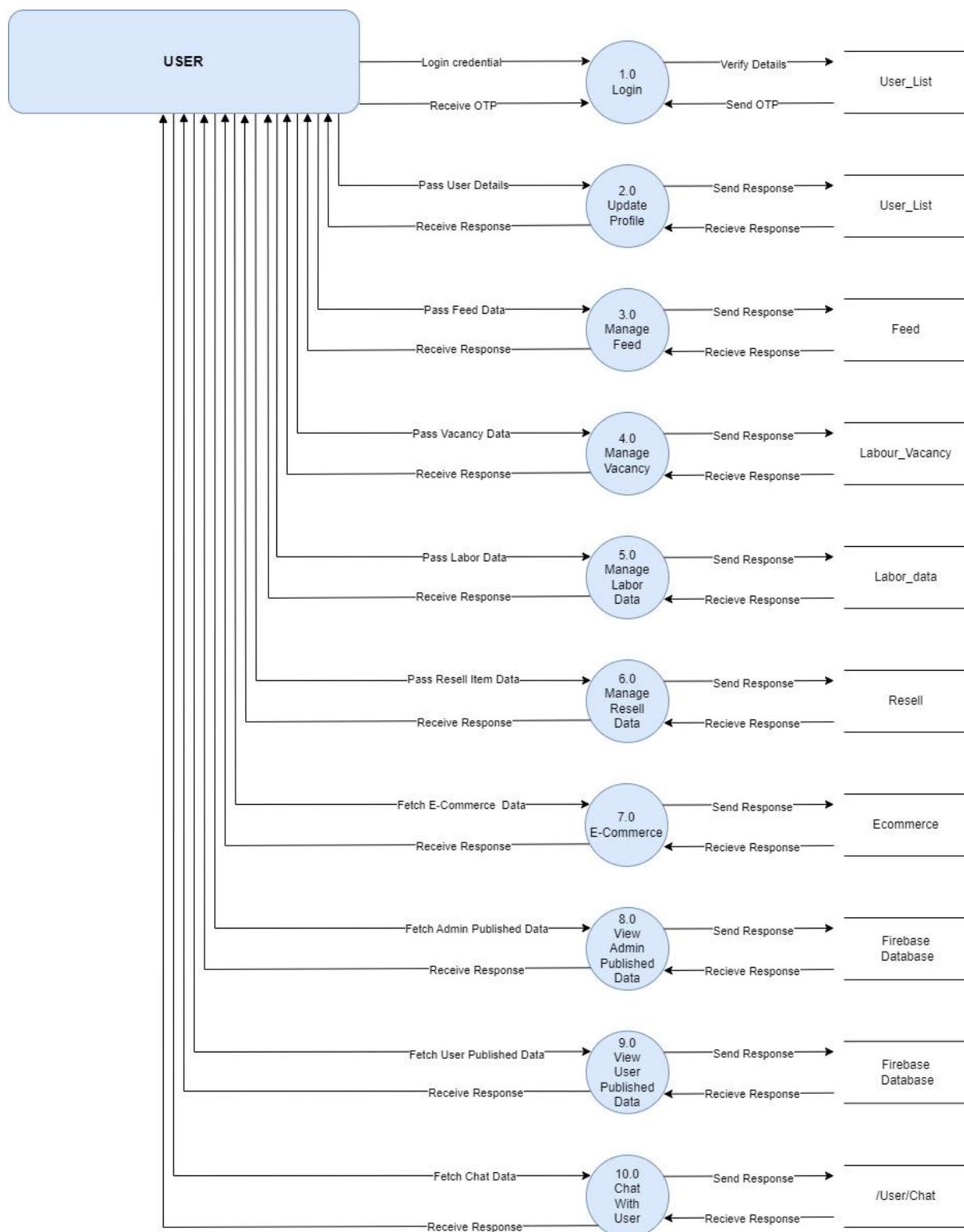
### ❖ Context level diagram:



## ❖ 1\_level diagram:

### ➤ Admin:

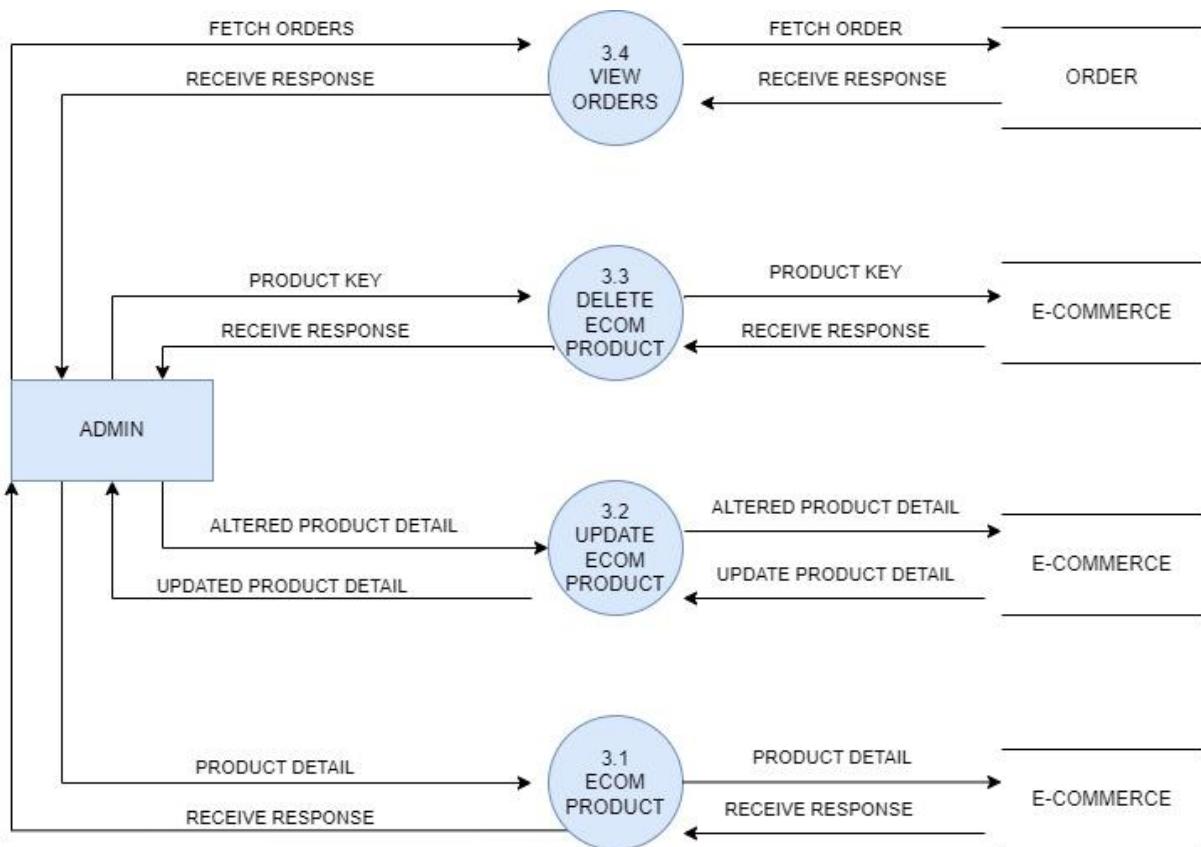


➤ **User:**


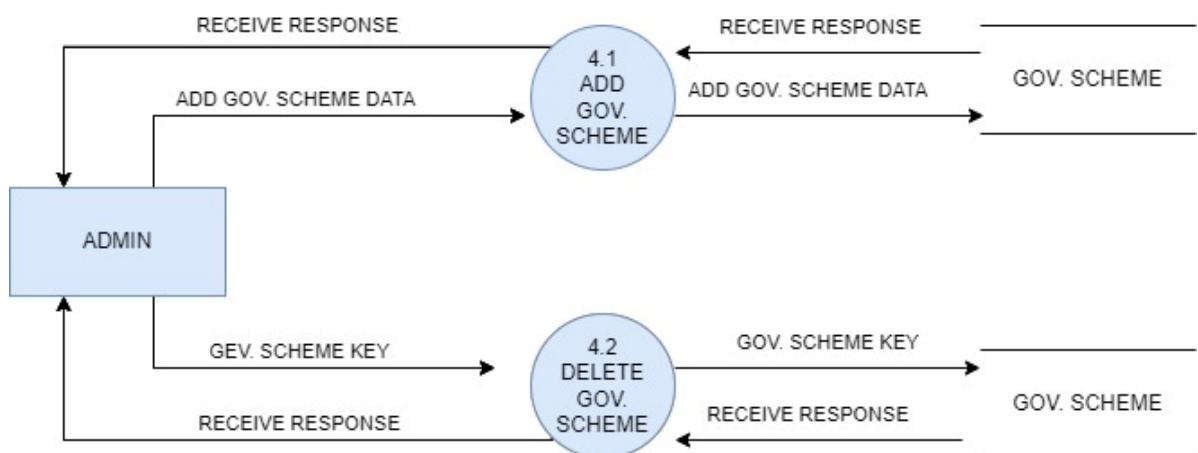
## ❖ 2\_level diagram:

### ➤ Admin:

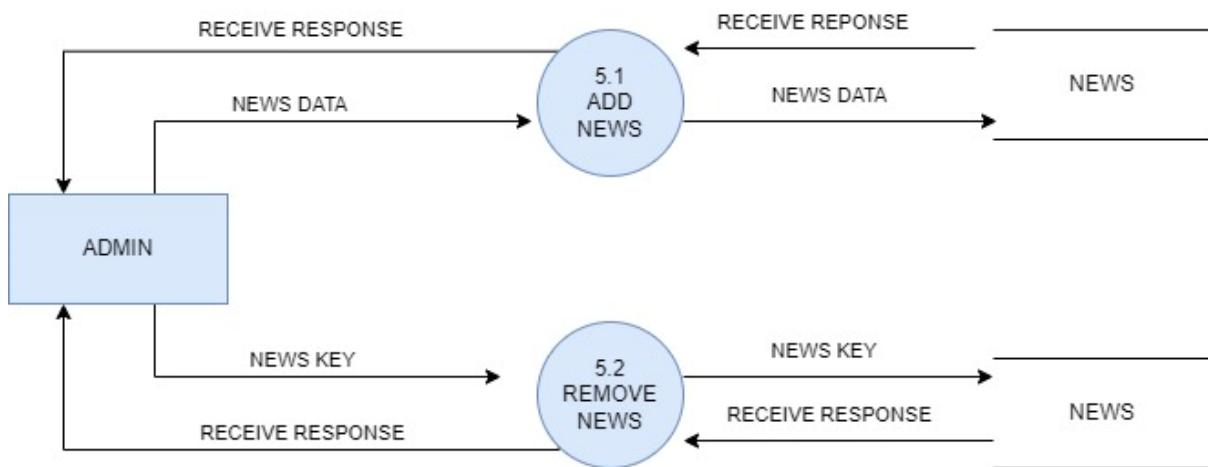
- **3.0 ecommerce:**



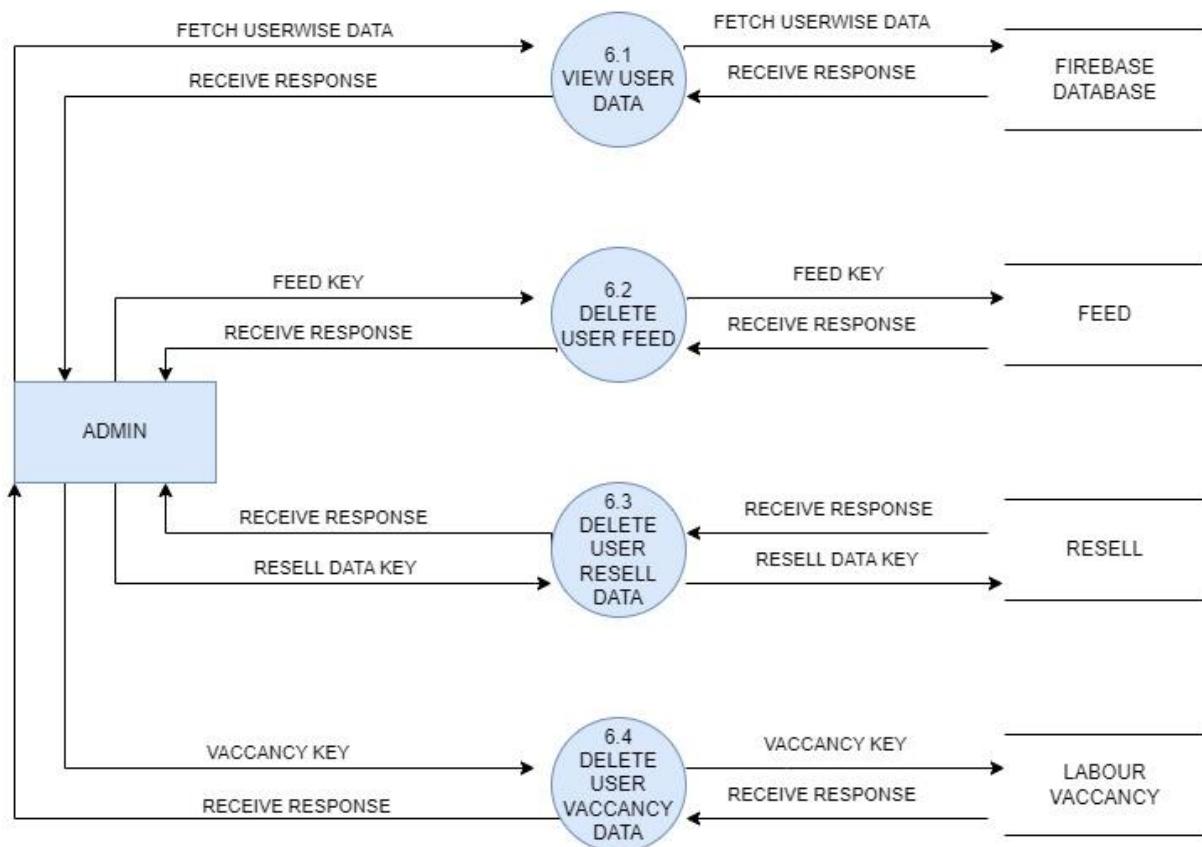
- **4.0 Manage Government scheme**



- **5.0 Admin manage news**

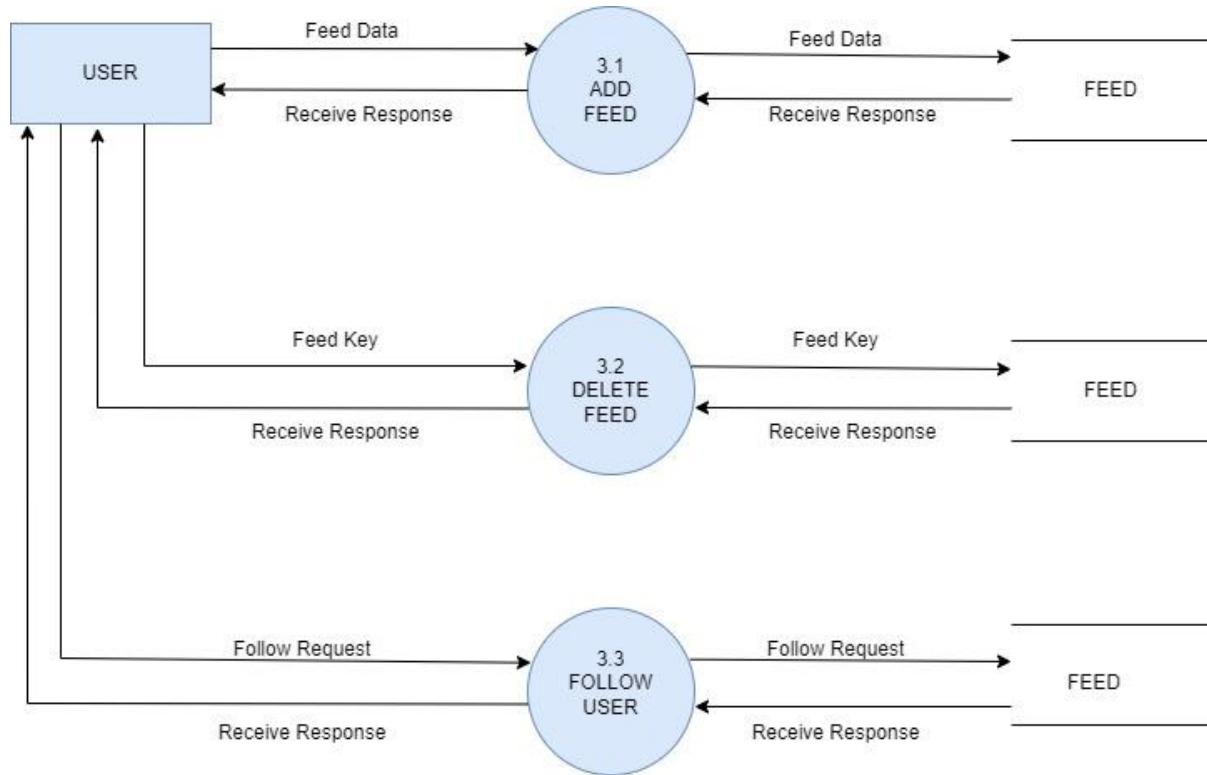


- **6.0 Admin view user data:**

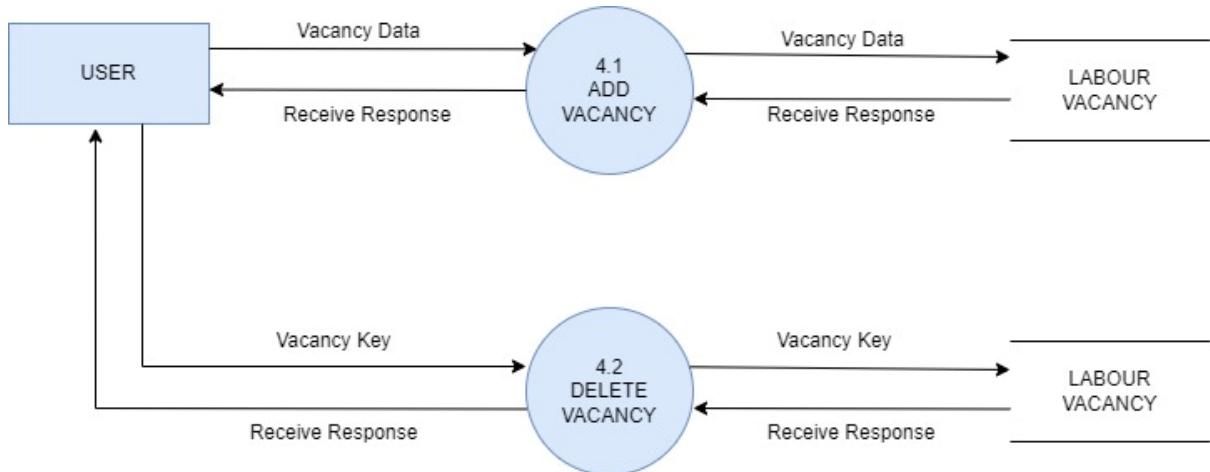


➤ **User:**

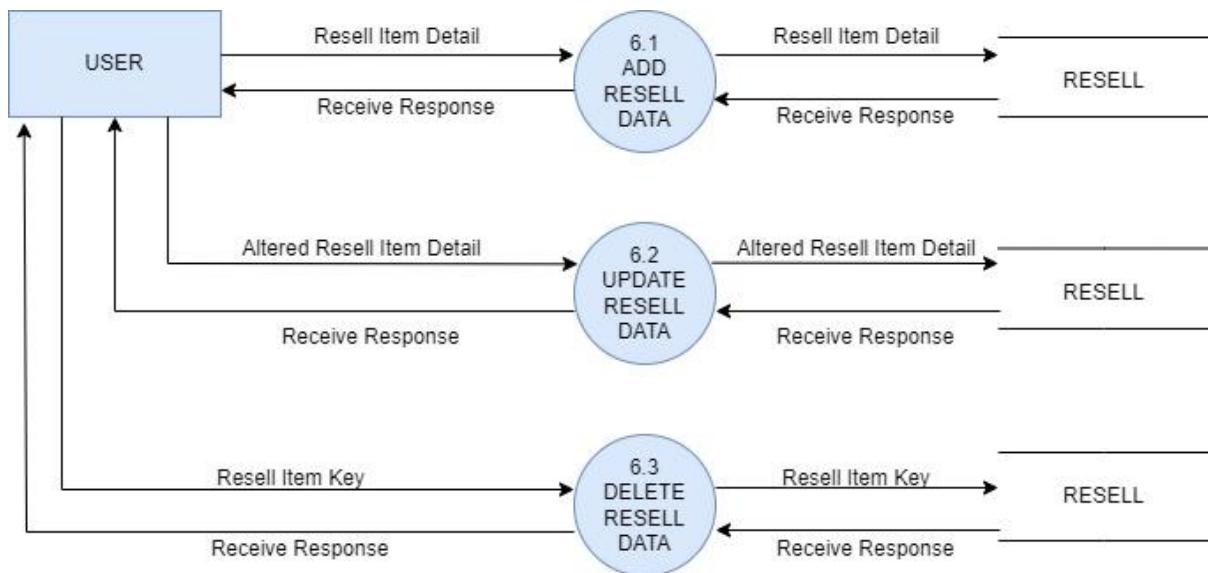
- **3.0 manage feed:**



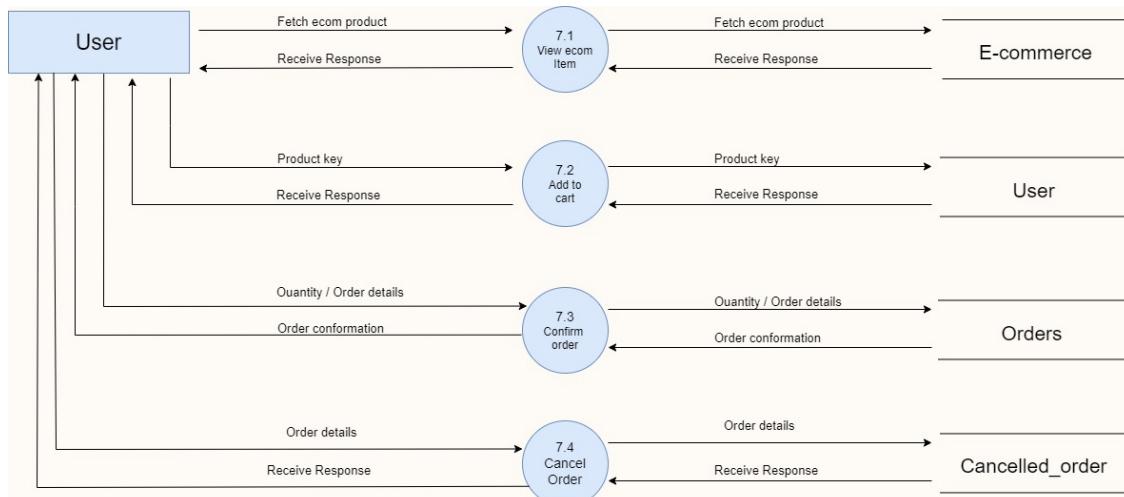
- **4.0 manage vacancy:**



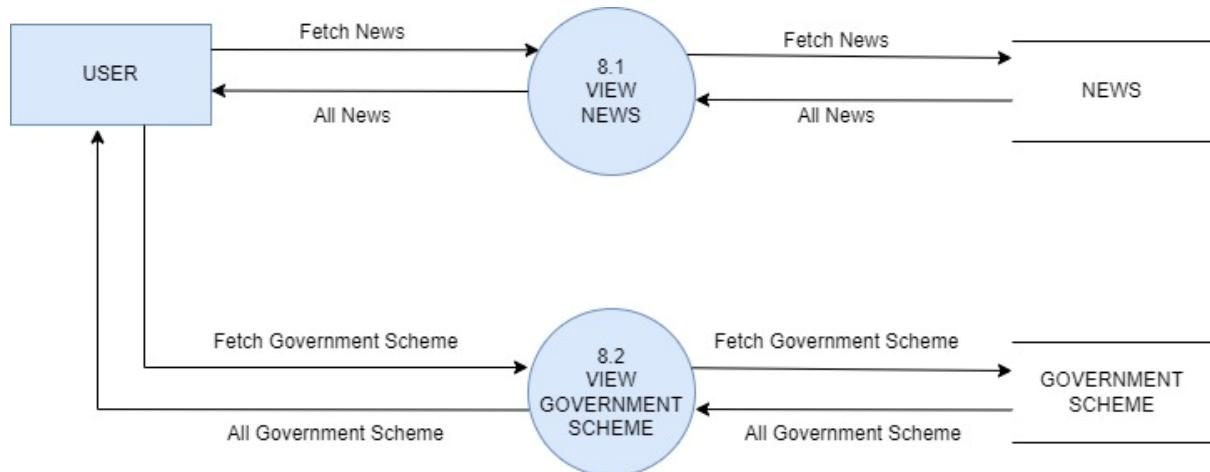
- **6.0 manage resell data:**



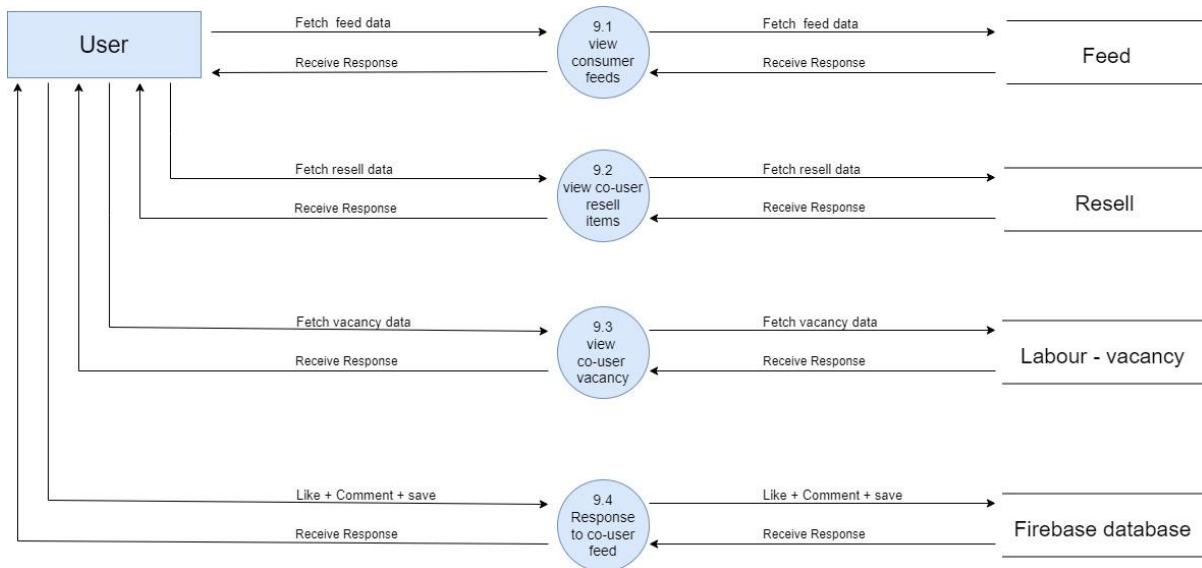
- **7.0 ecommerce User:**



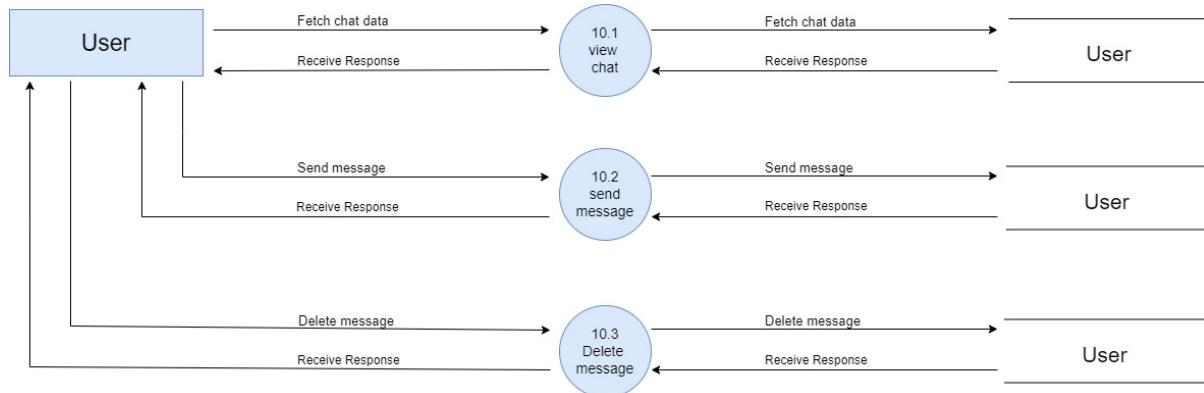
- **8.0 view admin published data:**



- **9.0 view user published data:**



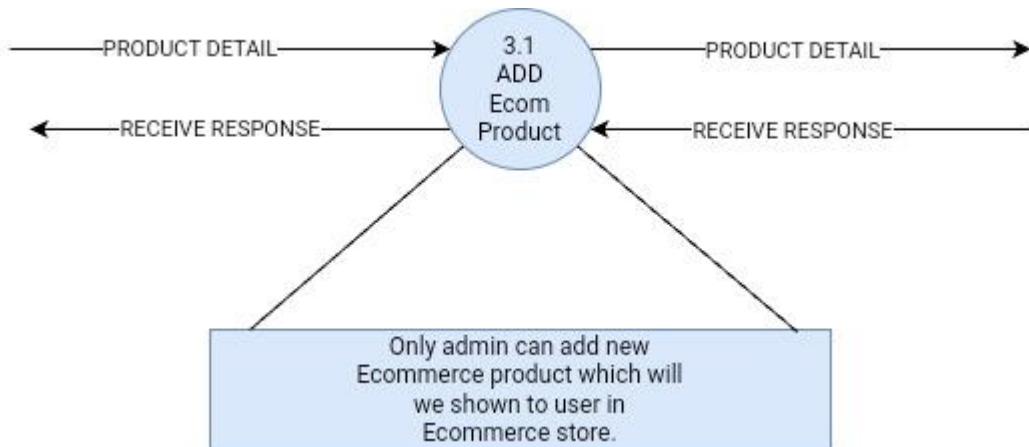
- **10.0 chat with user**



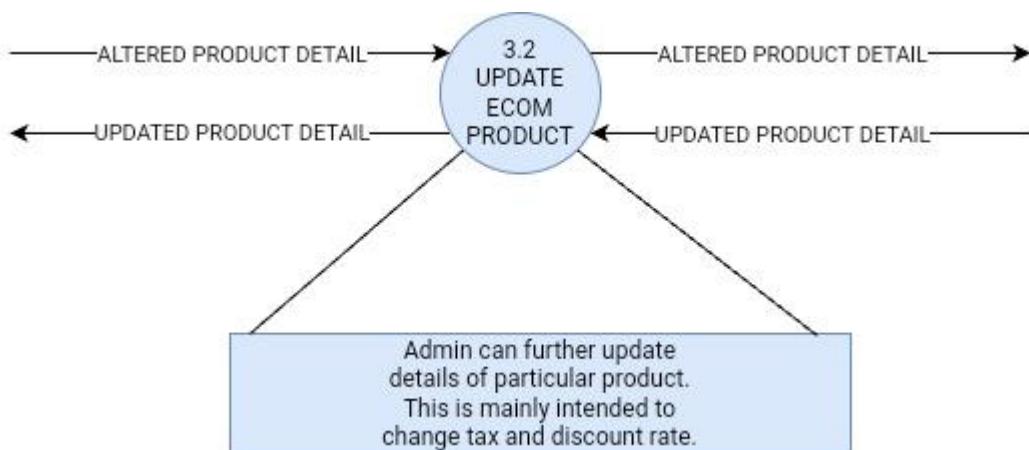
## 5.2 PROCESS SPECIFICATION

➤ **Admin:**

- **3.1 Admin add ecommerce product**

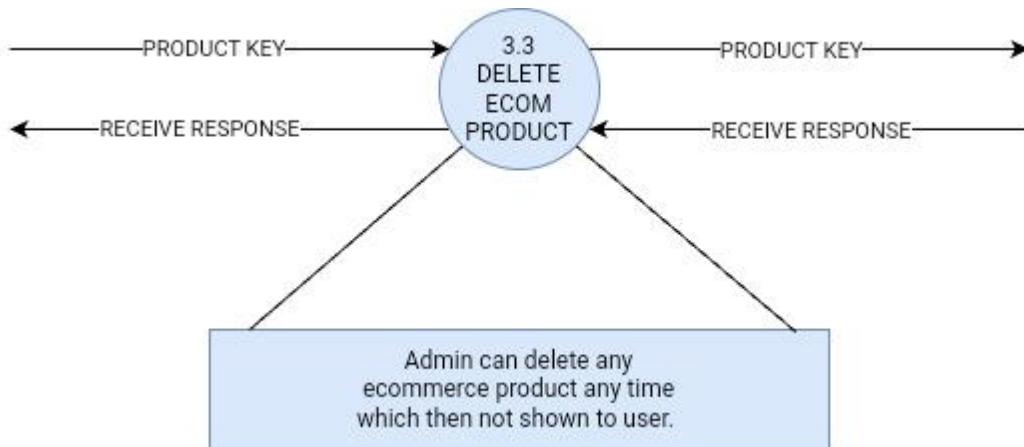


- **3.2 admin update ecommerce product**

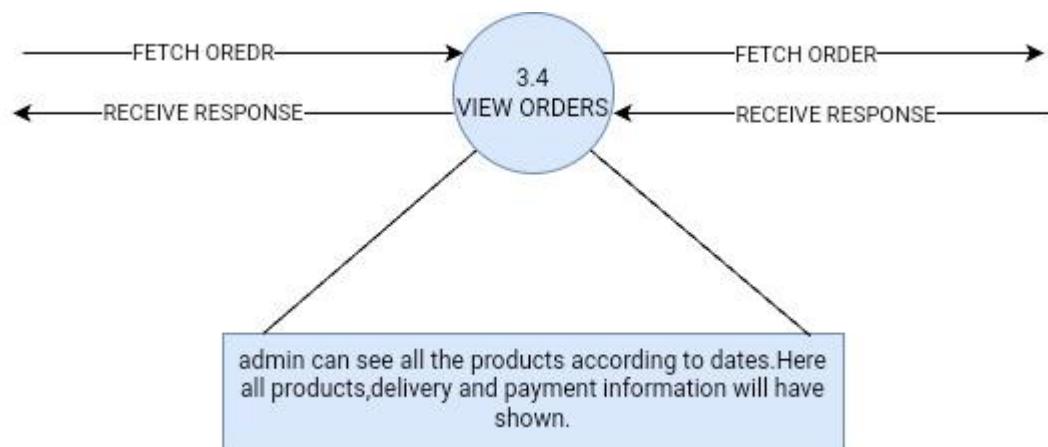




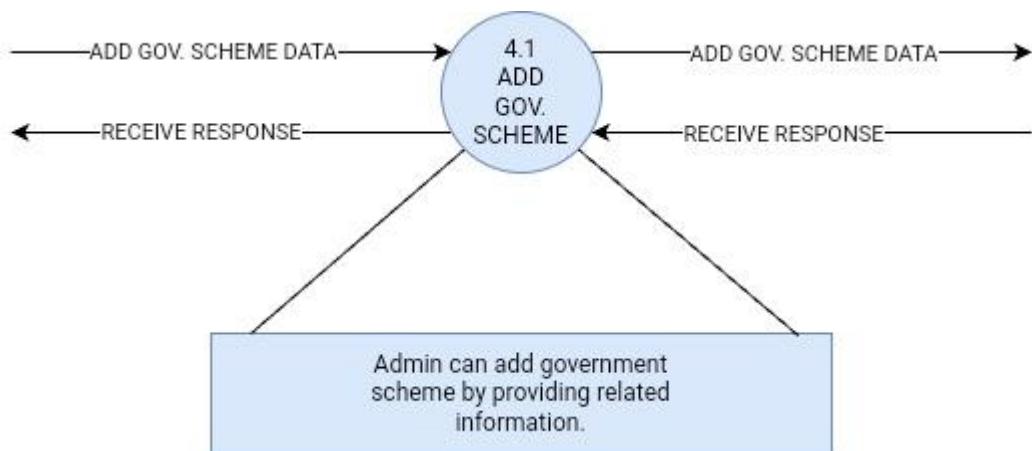
- **3.3 admin delete ecommerce product**



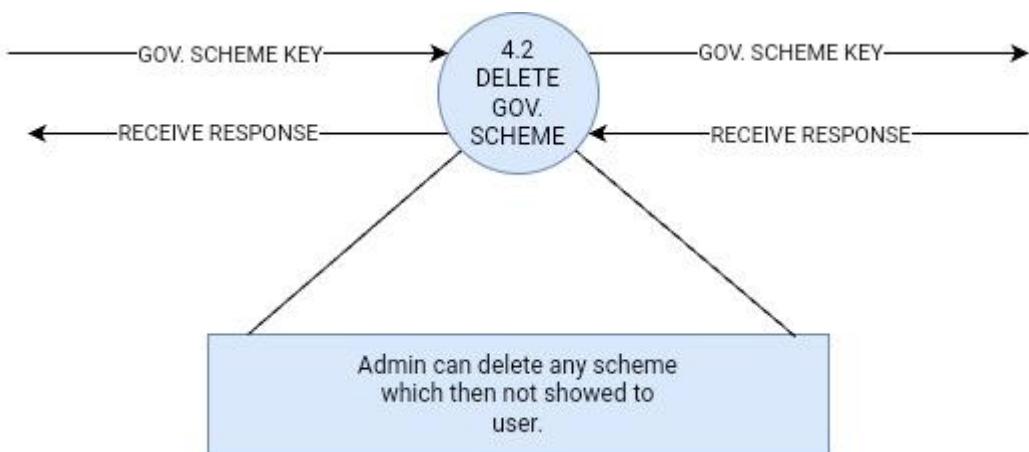
- **3.4 admin view orders:**



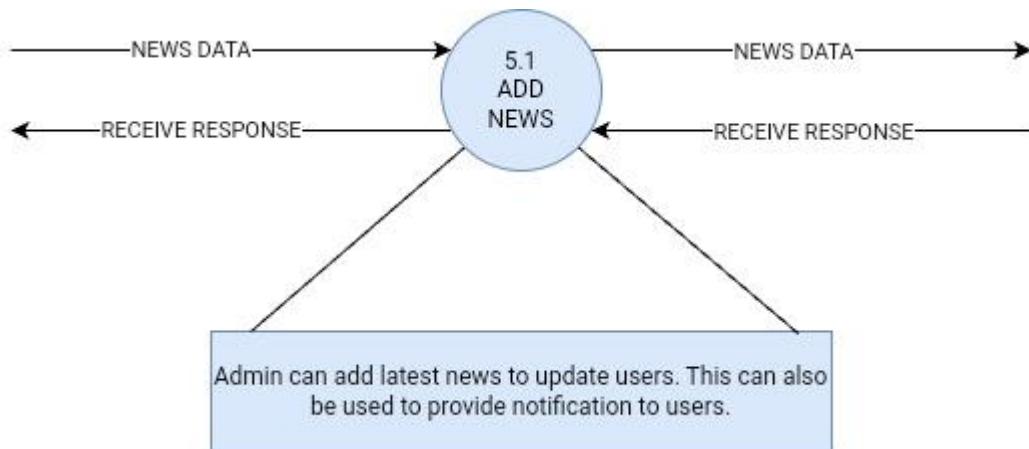
- **4.1 admin add government scheme:**



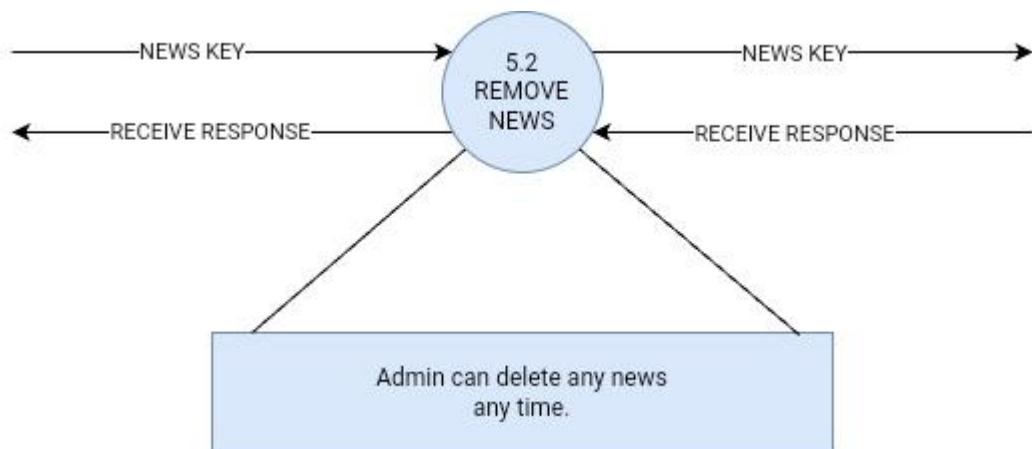
- **4.2 admin delete government scheme:**



- **5.1 admin add news:**

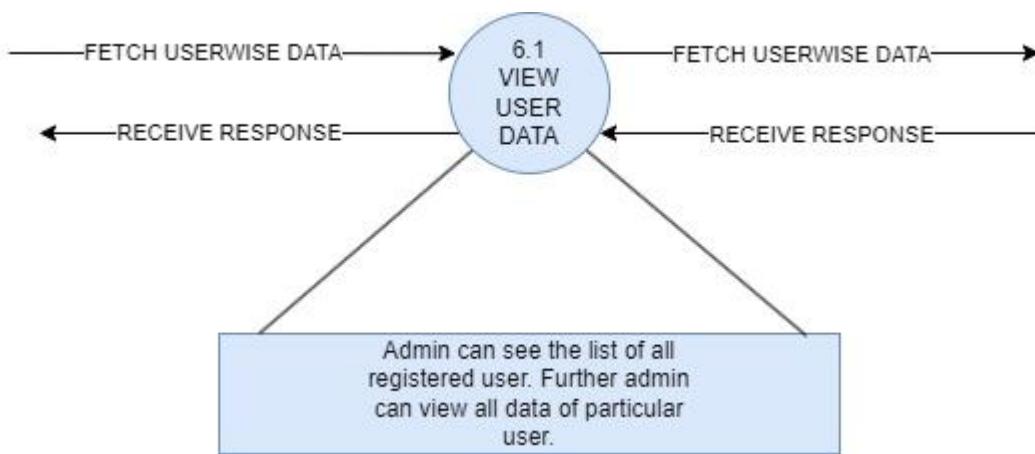


- **5.2 admin remove news:**

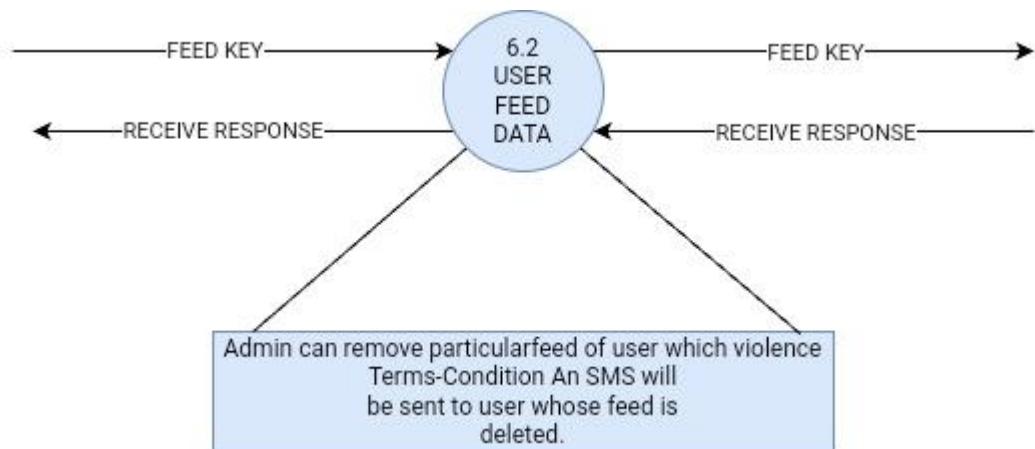




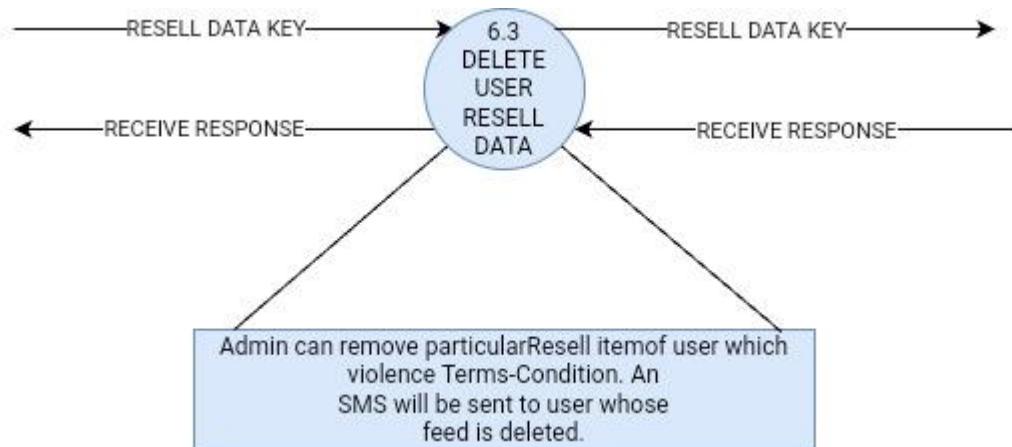
- **6.1 admin view user data:**



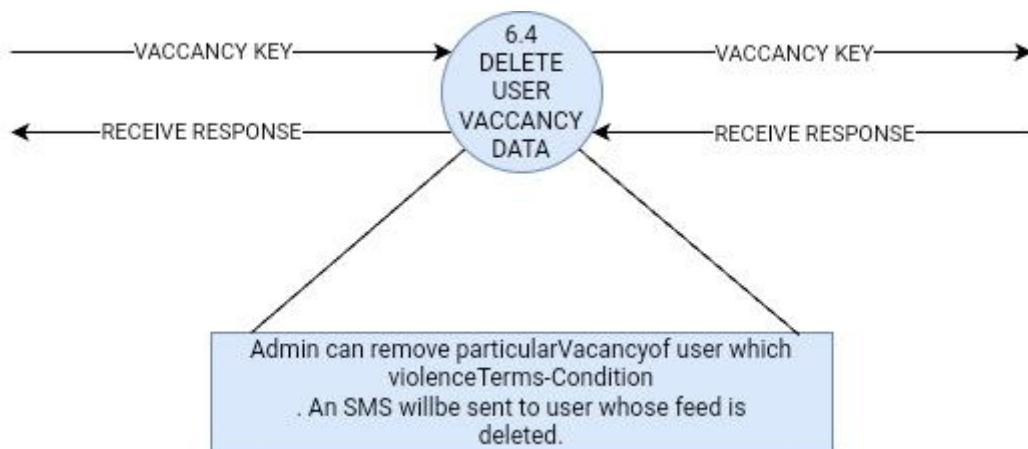
- **6.2 admin delete user feed:**



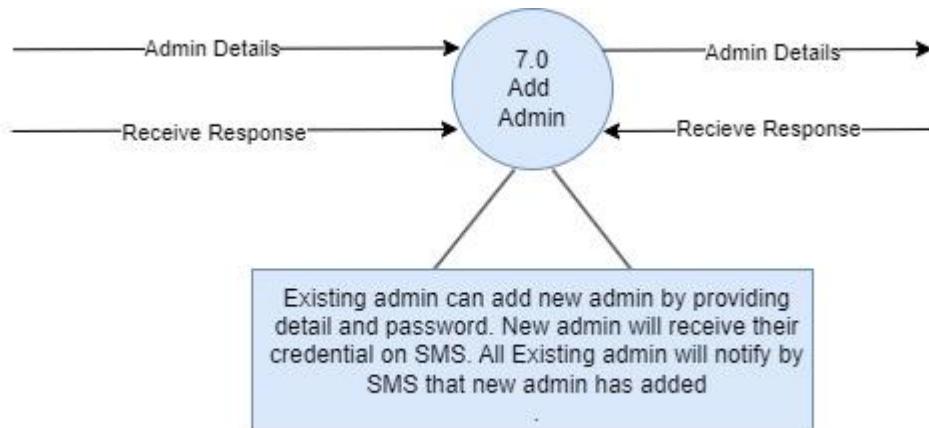
- **6.3 admin delete user resell data:**



- **6.4 admin delete user vacancy data:**

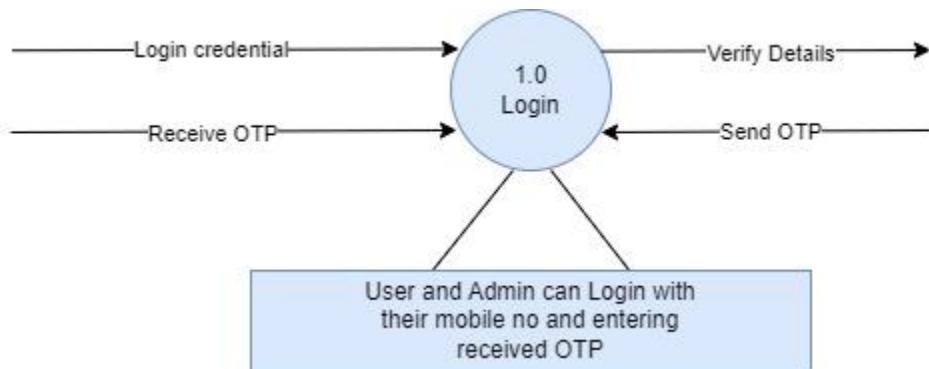


- **7.0 add admin:**

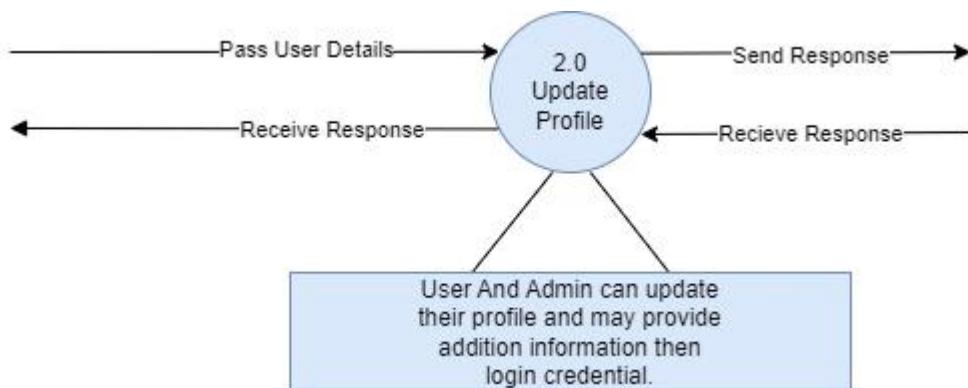


➤ **User:**

- **1.0 login:**

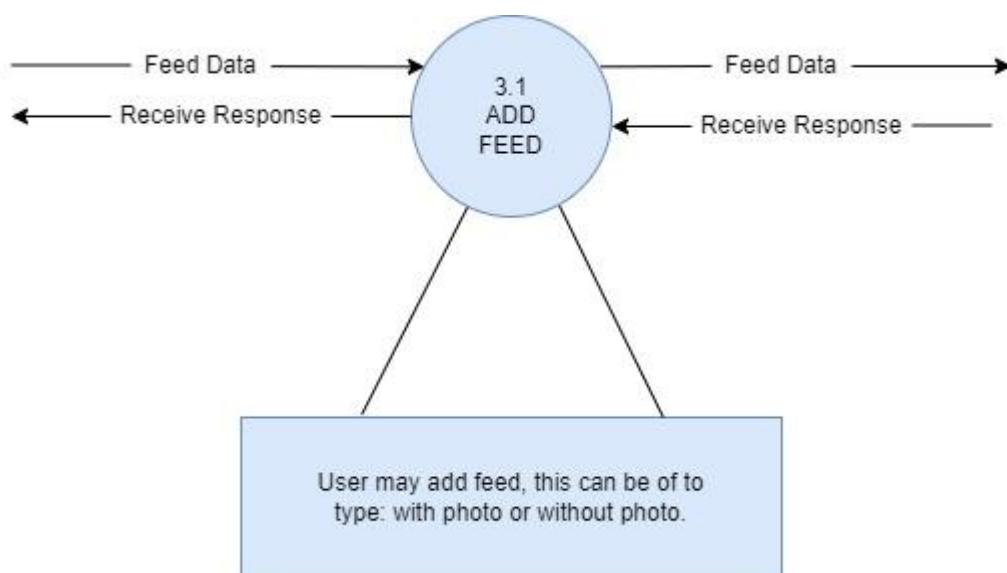


- **2.0 update profile:**

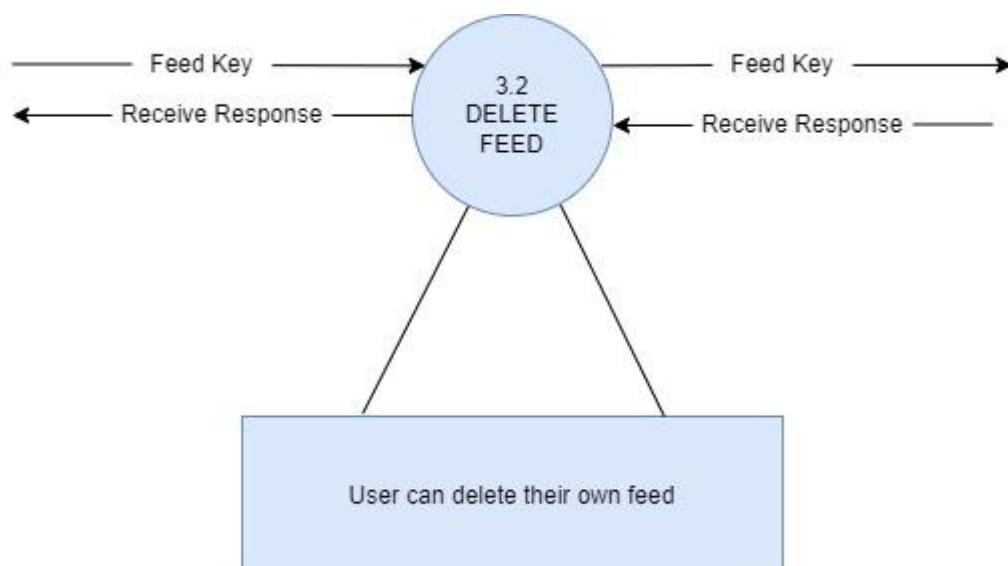




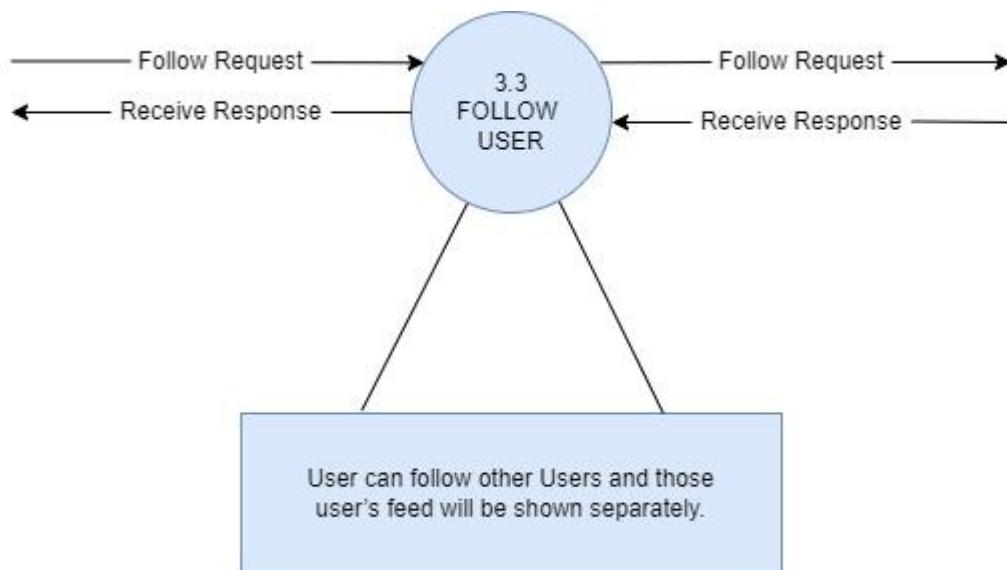
- **3.1 add feed:**



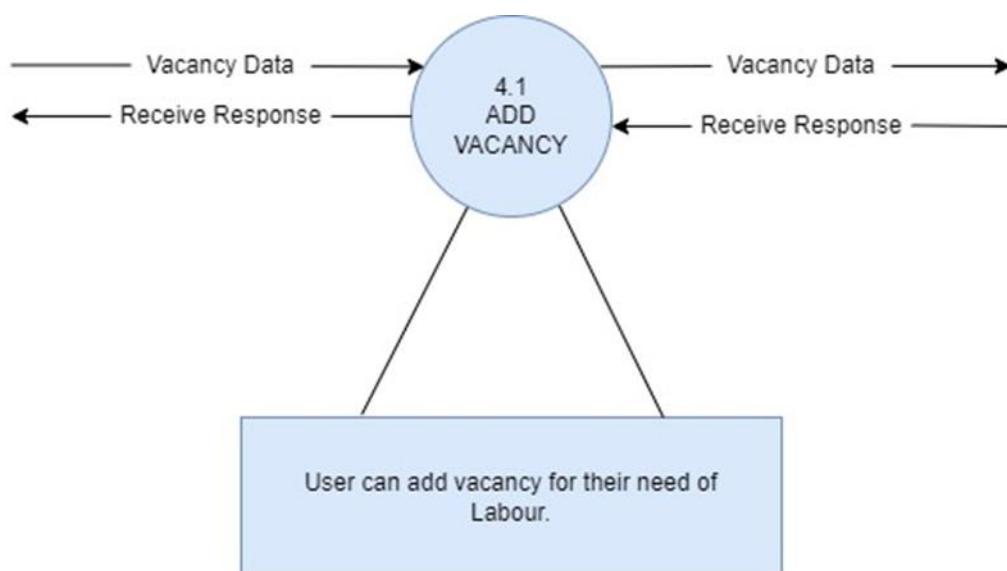
- **3.2 delete feed:**



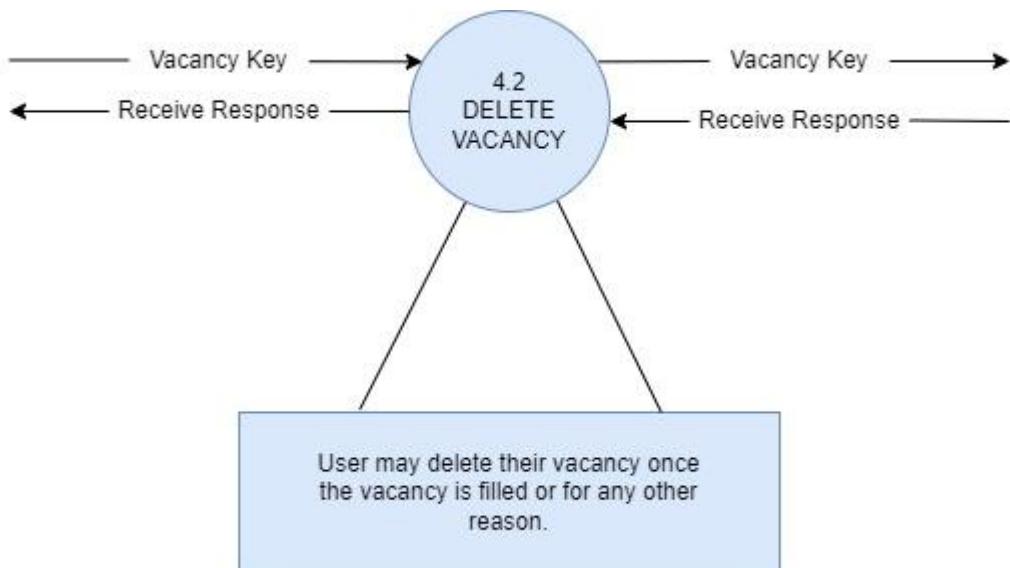
- **3.3 follow user:**



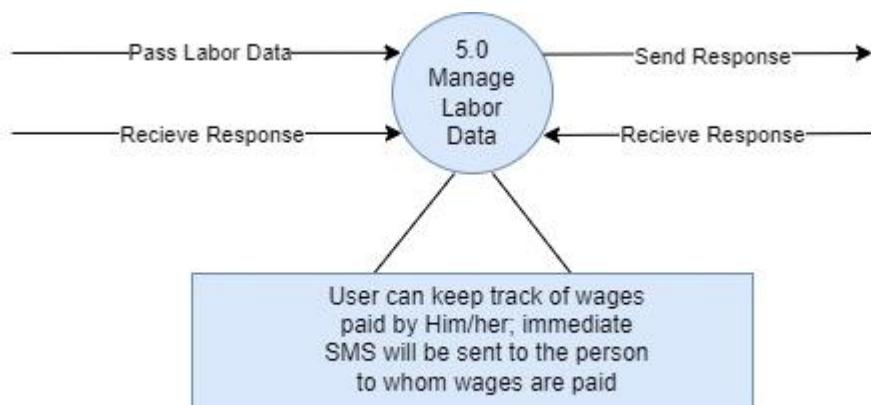
- **4.1 add vacancy:**



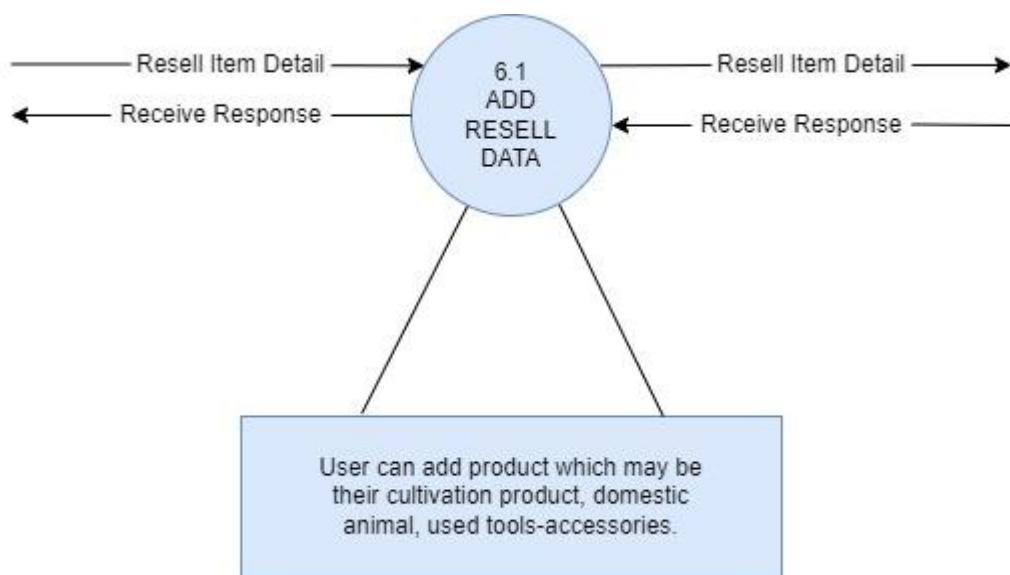
- **4.2 delete vacancy:**



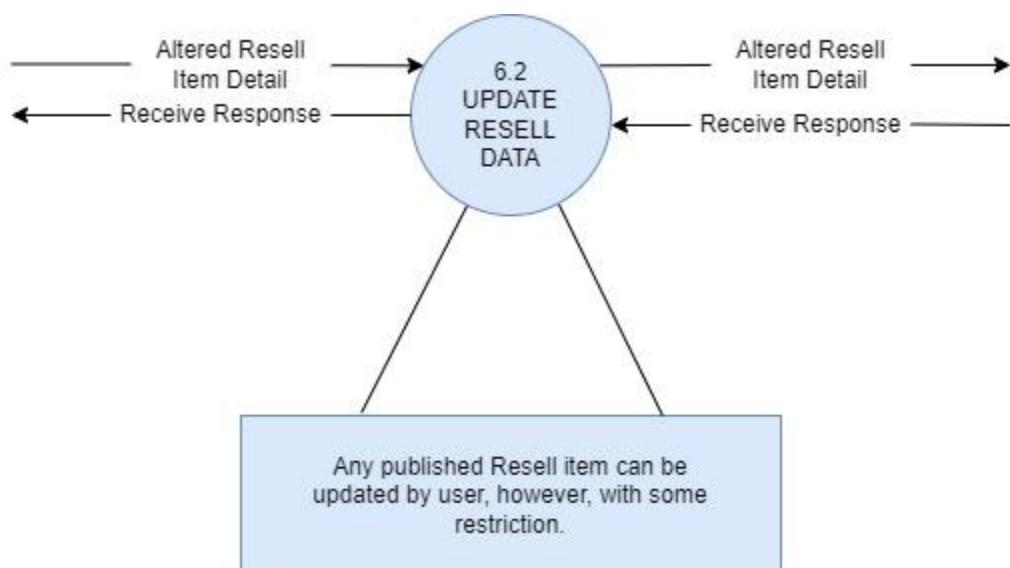
- **5.0 manage labor data:**



- **6.1 add resell data:**



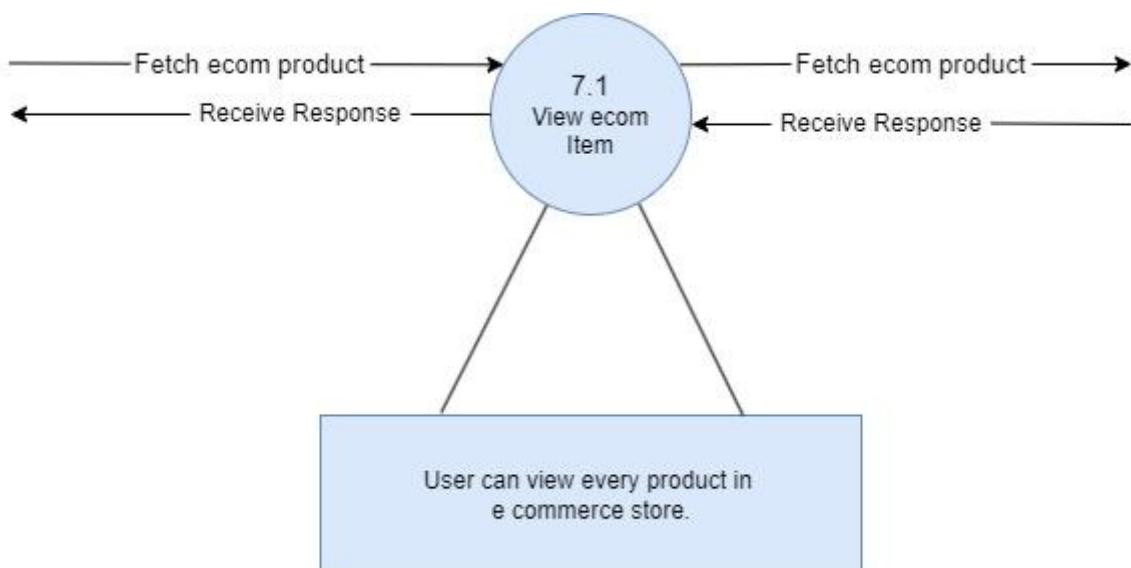
- **6.2 update resell data:**



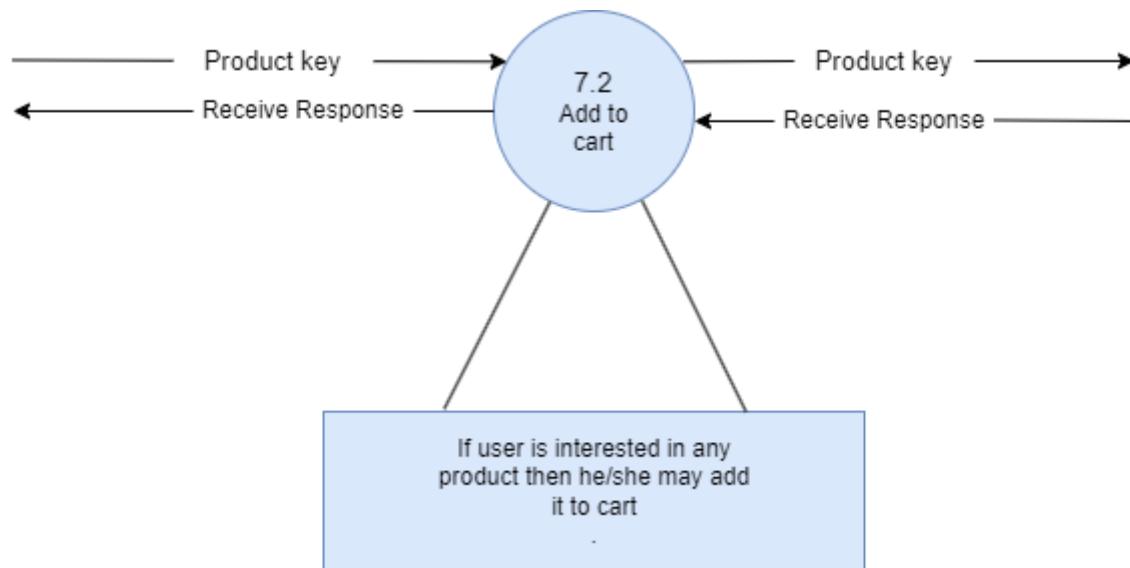
- **6.3 delete resell data:**



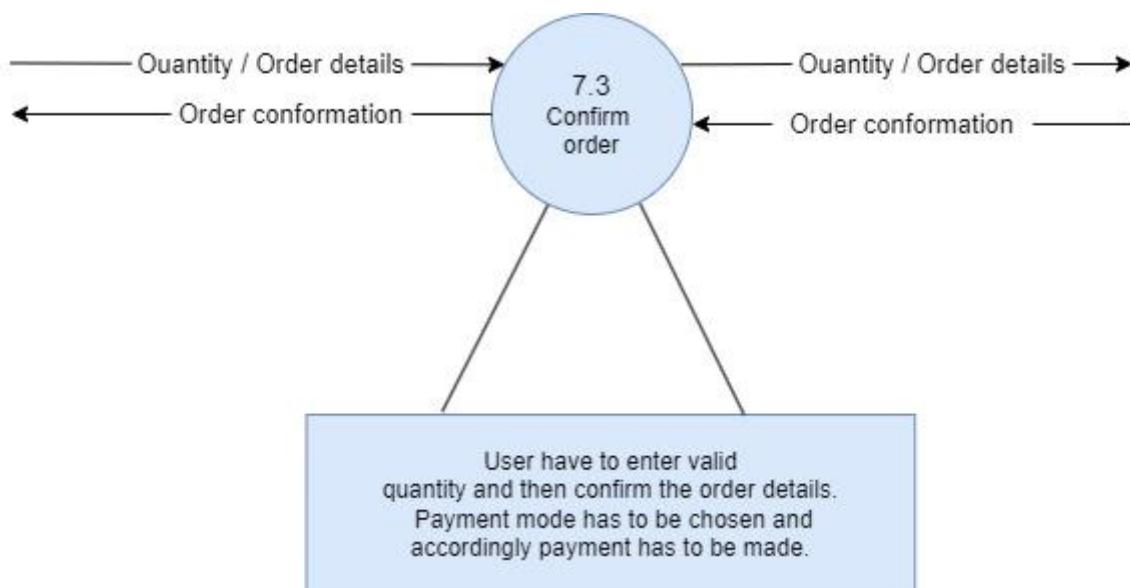
- **7.1 view ecommerce item**



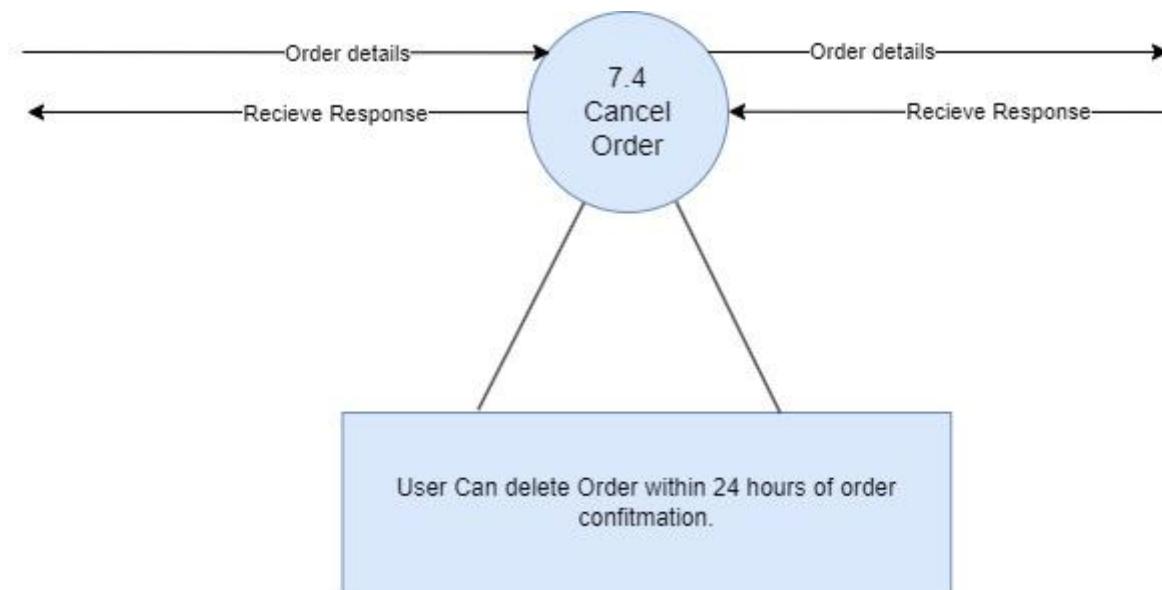
- **7.2 add to cart:**



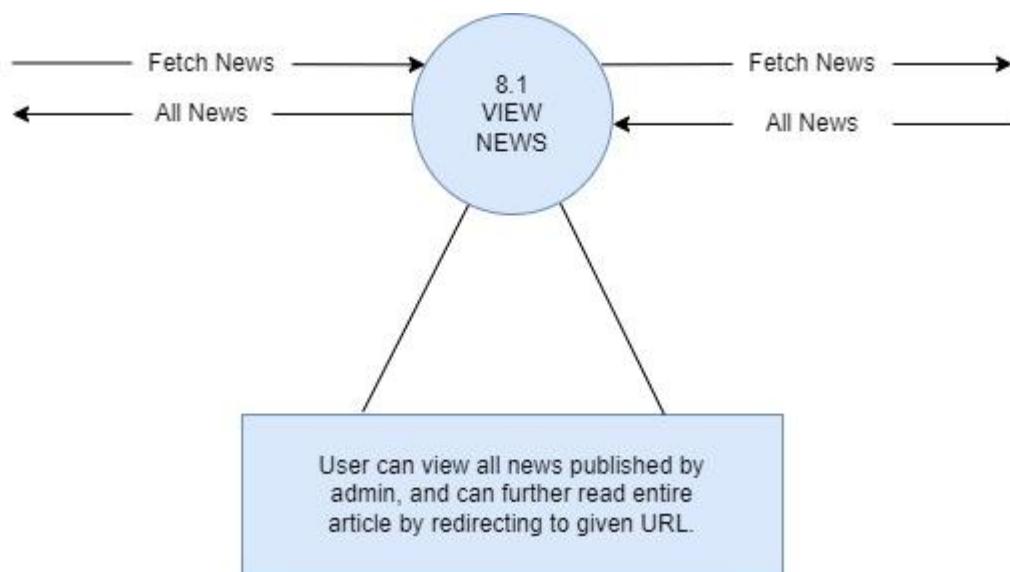
- **7.3 confirm order:**



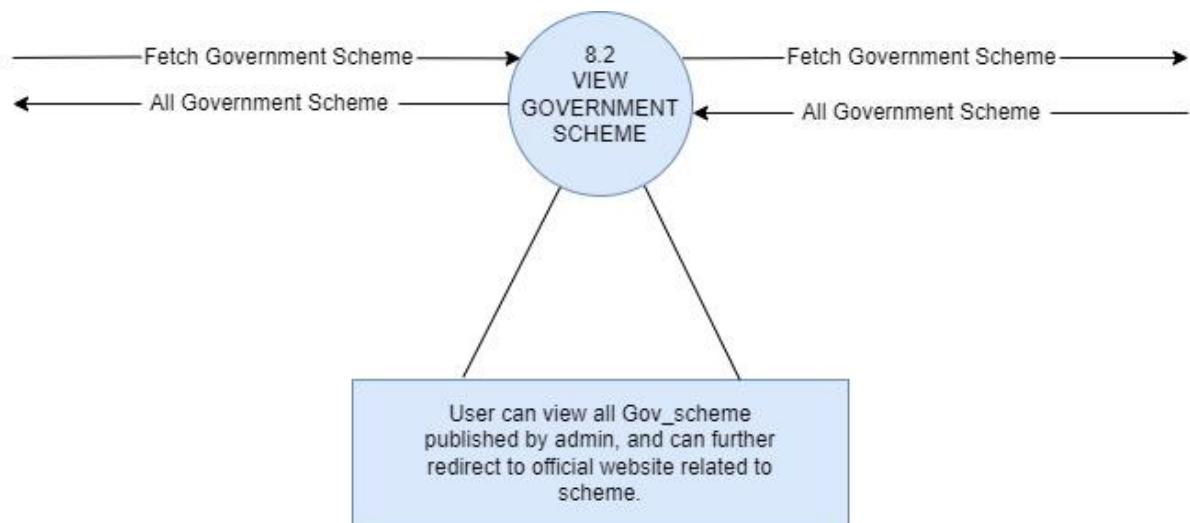
- **7.4 Cancel order:**



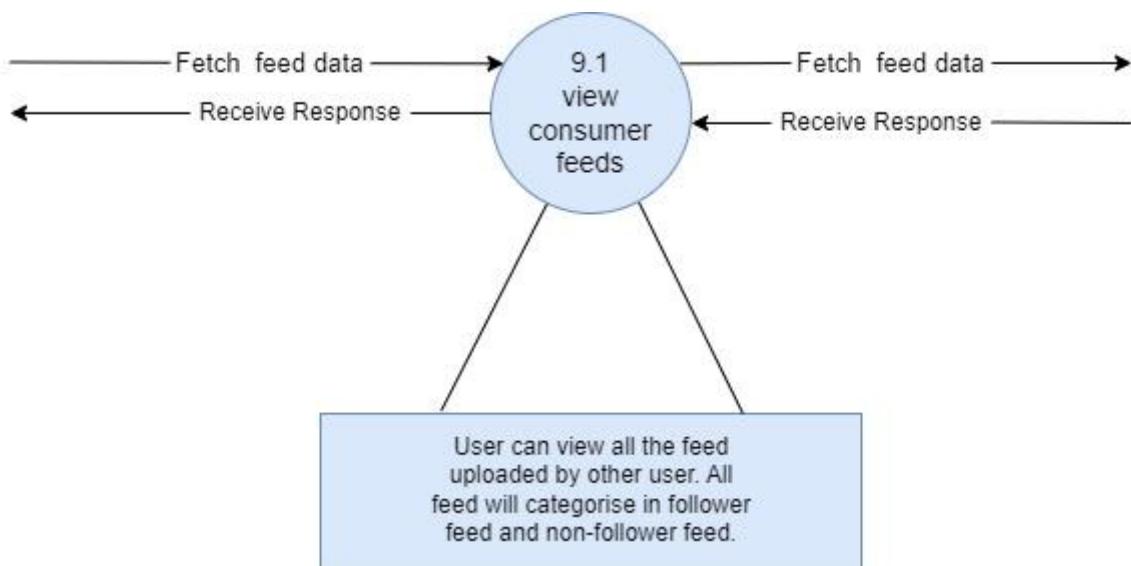
- **8.1 view news:**



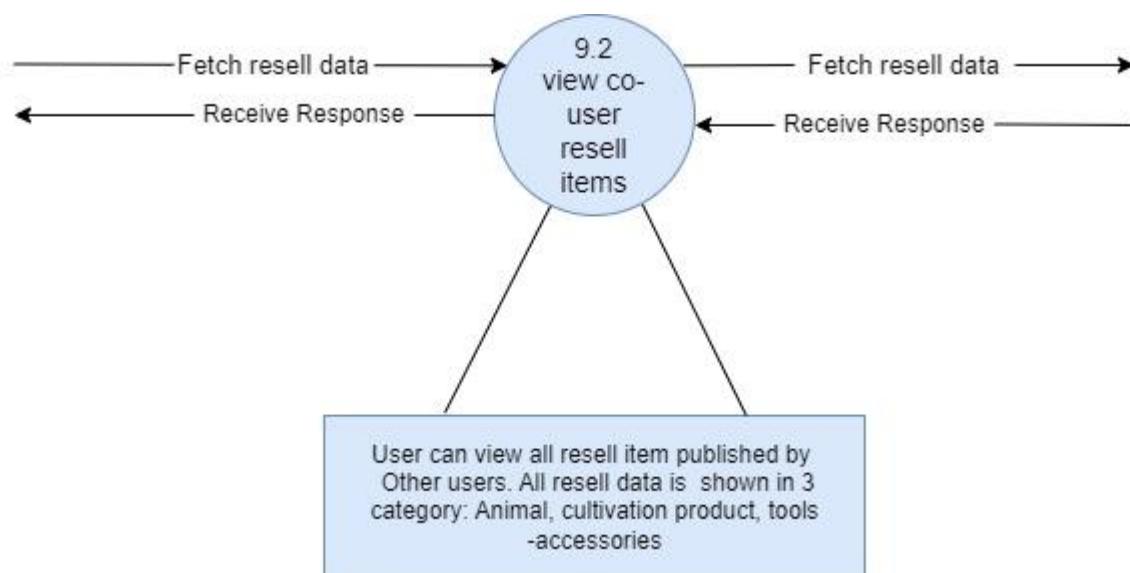
- **8.2 view government scheme:**



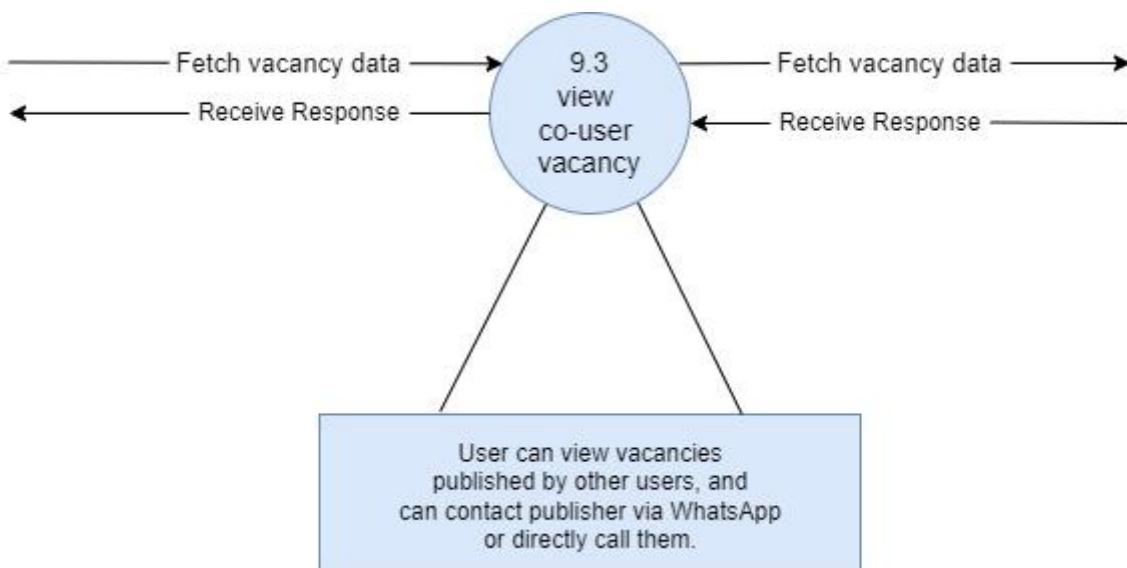
- **9.1 view customer feeds:**



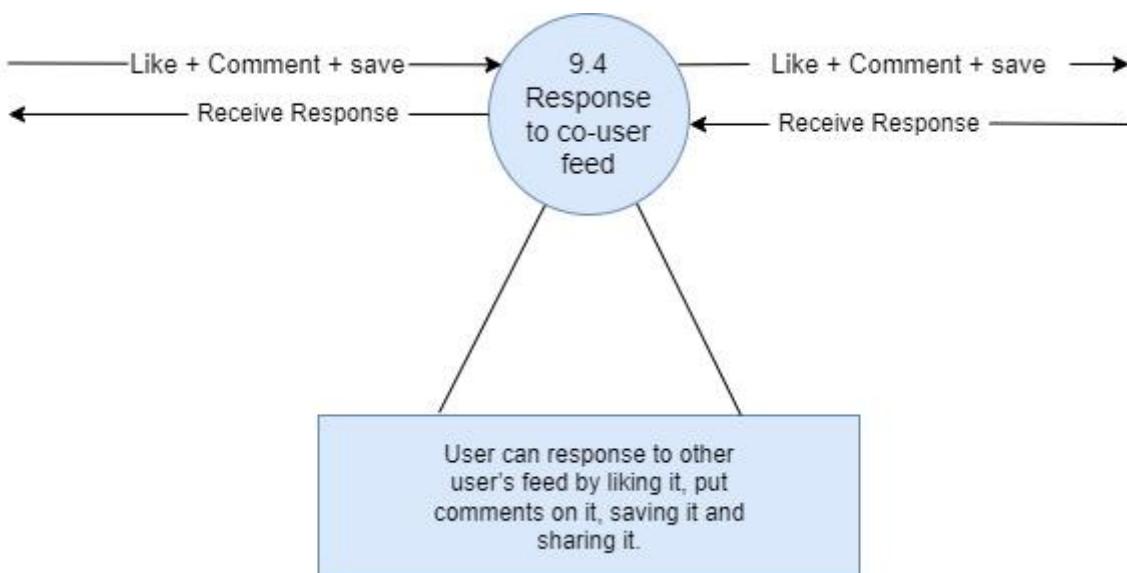
- **9.2 view customer resell item:**



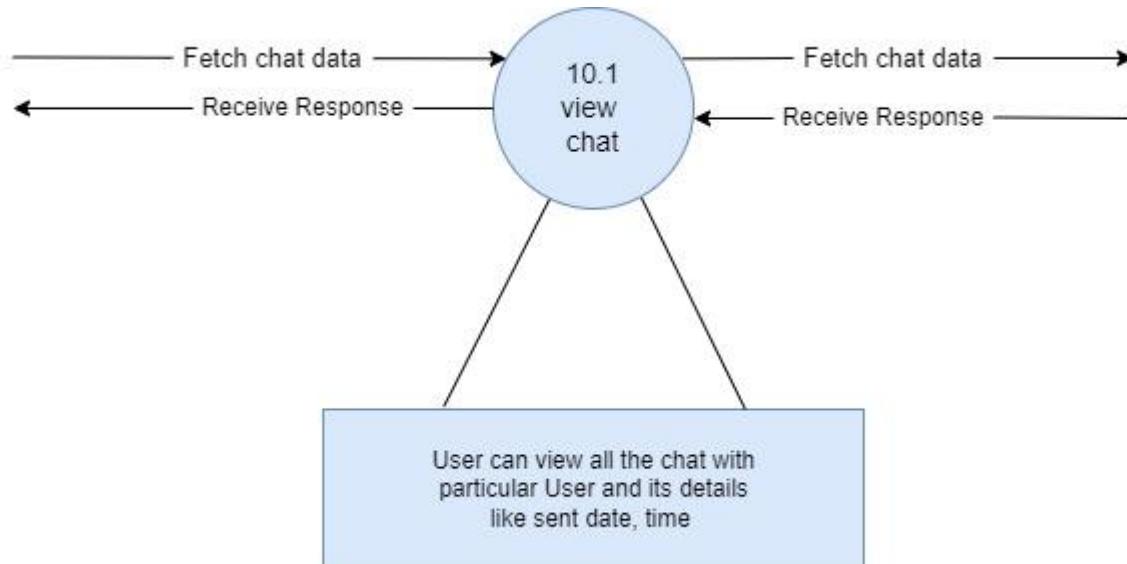
- **9.3 view customer user vacancy:**



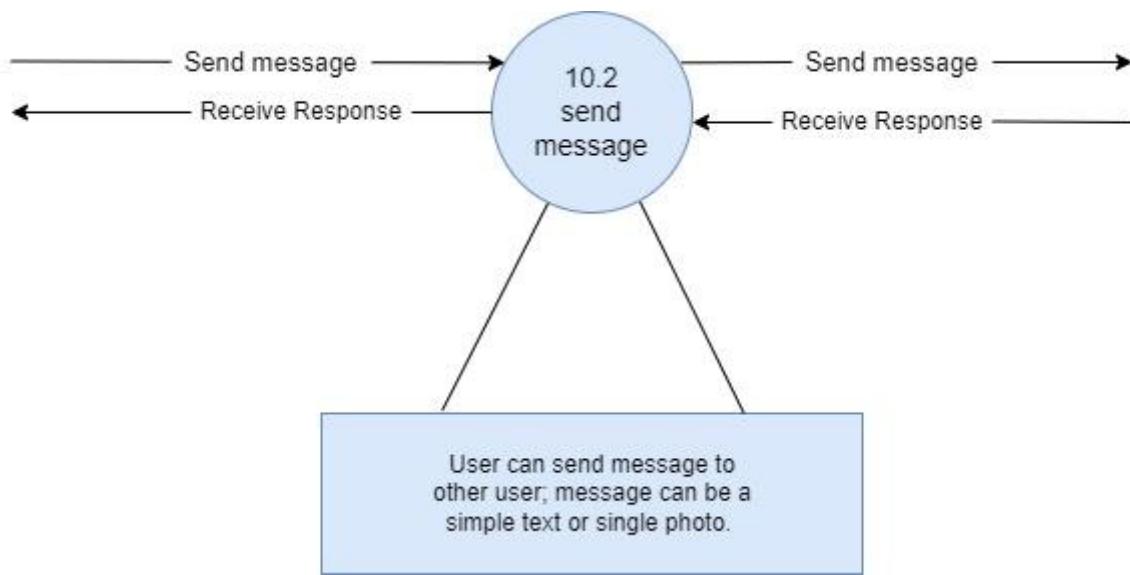
- **9.4 response between user**



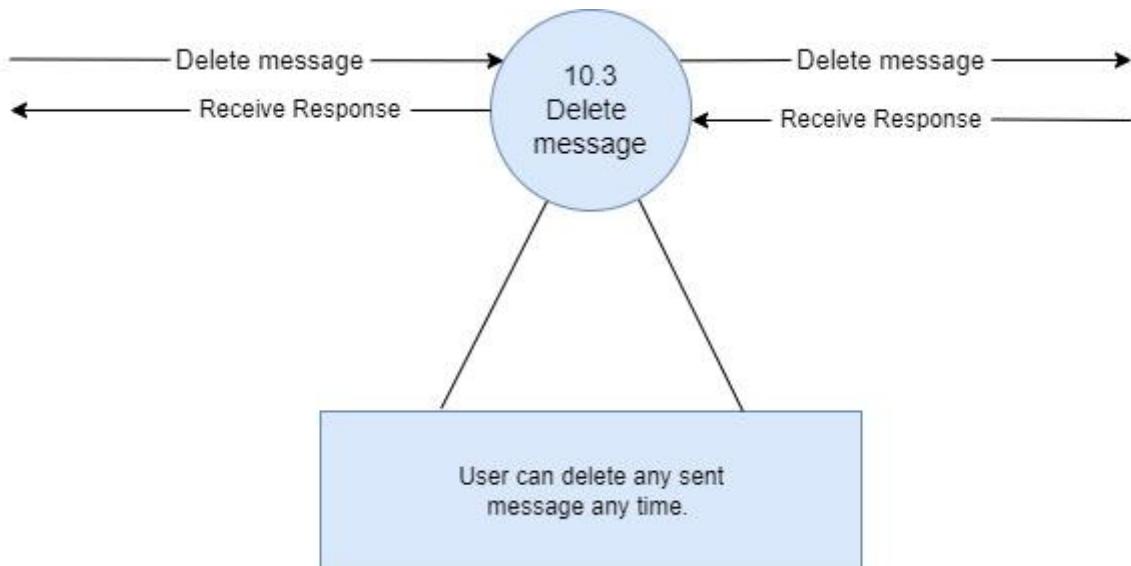
- **10.1 view chat:**



- **10.2 send message:**



- **10.3 delete message:**



## 5.3 DATA DICTIONARY

Name:	login detail
Alias:	Null
Where used? / How used?	User/Admin login(Input/Output)
Content Description:	uname+mo+url

Name:	Update/complete Profile Detail
Alias:	Null
Where used? / How used?	User/Admin Update profile(Input/Output)
Content Description:	email+dob+gender+address+state+uname+mo+url

Name:	Feed Detail
Alias:	Null
Where used? / How used?	Post Feed (Input/Output)
Content Description:	umo+date+post+key+des+mediatype

Name:	Chat Detail
Alias:	Null
Where used? / How used?	Chat between Users (Input/Output)
Content Description:	key+msg+smo+rmo+date+time+img

Name:	Comment Detail
Alias:	Null
Where used? / How used?	Comments of user on feed(Input/Output)
Content Description:	mo+comment+key

Name:	Like Detail
Alias:	Null
Where used? / How used?	Like of user on feed(Input/Output)
Content Description:	mo

Name:	Save Feed Detail
Alias:	Null
Where used? / How used?	Like of user on feed(Input/Output)
Content Description:	key

Name:	Vacancy Detail
Alias:	Null
Where used? / How used?	User publish vacancy(Input/Output)
Content Description:	key+oname+ocan+twork+wtype+eamt+wdur+district+tehsil+village+des+state+umoo+date

Name:	Labour Detail
Alias:	Null
Where used? / How used?	User add labor detail(Input/Output)
Content Description:	lname+lmo+lloc+lwages+key+ldes+ladate

Name:	News Detail
Alias:	Null
Where used? / How used?	Admin add news which can be view by user. (Input/Output)
Content Description:	headline+link+description+img+key

Name:	Government scheme Detail
Alias:	Null
Where used? / How used?	Admin add Government scheme which can be view by user. (Input/Output)
Content Description:	name+state+url+des+key+lnk

Name:	Cultivation Product Detail
Alias:	Null
Where used? / How used?	User add their cultivated product to sell. (Input/Output)
Content Description:	key+category+spiece+pname+qty+price+payment+state+mo+district+tehsil+village+des+img+umo+date+name

Name:	Animal Detail
Alias:	Null
Where used? / How used?	User add their cultivated product to sell. (Input/Output)
Content Description:	key+type+spiece+ageyear+agemonth+mproduction+weight+state+mo+price+district+tehsil+village+des+img+umo+date+sname.

Name:	Tools and Accessories Details
Alias:	Null
Where used? / How used?	User add their Tools and Accessories to resell. (Input/Output)
Content Description:	key+type+spiece+ageyear+agemonth+mproduction+weight+state+mo+price+district+tehsil+village+des+img+umo+date+sname.

Name:	Tools and Accessories Details
Alias:	Null
Where used? / How used?	User add their Tools and Accessories to resell. (Input/Output)
Content Description:	Key+category+pname+Price+month+State+Mo+district+Tehsil+Village+Des+Img+umo+Date+Sname

Name:	Ecommerce Product Details
Alias:	Null
Where used? / How used?	Admin add product for ecommerce store. (Input/Output)
Content Description:	Price+Img+Recomm+dpec+Key+Pname+Des+Cgst +Sgst+Discount

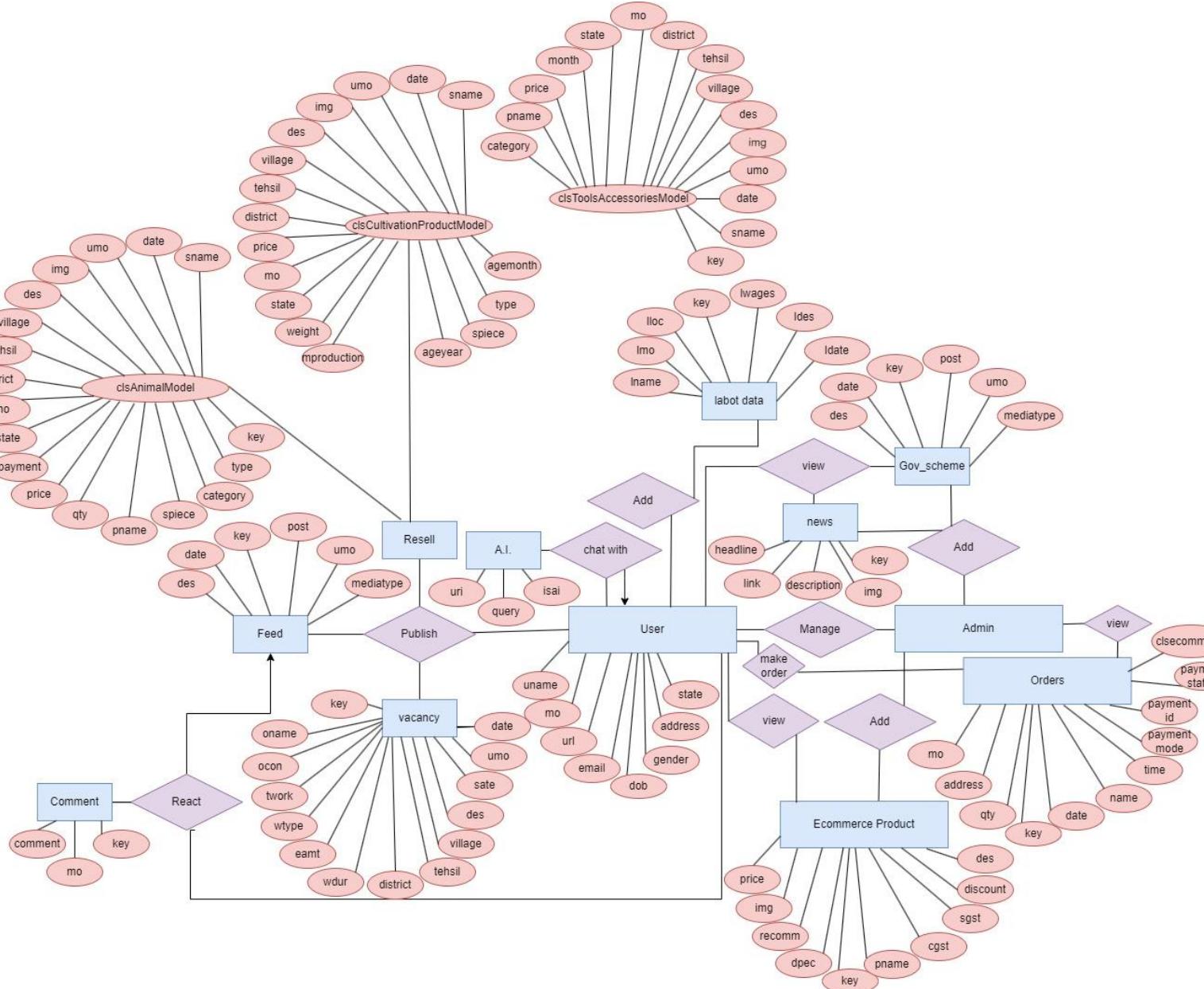
Name:	Ecommerce Product Details
Alias:	Null
Where used? / How used?	Admin add product for ecommerce store. (Input/Output)
Content Description:	Price+Img+Recomm+dpec+Key+Pname+Des+Cgst+Sgst+Discount

Name:	Order Details
Alias:	Null
Where used? / How used?	User enter quantity+ delivery details+ payment mode. Product details are taken from system. (Input/Output)
Content Description:	Clsecommodel+mo+address+qty+Key+Date+Name+time+ PaymentMode+PaymentId+PaymentStatus

Name:	AI Details
Alias:	Null
Where used? / How used?	User prompts query or image to A.I. Then A.I. generate output ans send response. (Input/Output)
Content Description:	uri+ query+ ai+ result

Name:	Weather Details
Alias:	Null
Where used? / How used?	System sends latest latitude and longitude to server+ who accordingly sends weather data.
Content Description:	Latitude+longitude+ description+ humidity+ pressure+ temp+ temp_max+ temp_min+ speed+ icon.

## 5.4 Entity-Relationship Diagram



## 6. System Design

- 6.1 Database Design
- 6.2 Directory Structure
- 6.3 Input Layouts

## 6.1 DATABASE DESIGN

### 1.ClsUserModel

<b>ClsUserModel</b>			
No	Field Name	Data type	Description
1	uname	String	Username
2	mo	String	Mobile No.
3	url	String	Profile Picture URL
4	email	String	User Email
5	dob	String	Date Of Birth
6	gender	String	Gender
7	address	String	Address
8	state	String	State

### 2.ClsAnimalModel

<b>ClsAnimalModel</b>			
No	Field Name	Data type	Description
1	key	String	Unique key
2	type	String	Animal type
3	spiece	String	Spiece of Animal
4	ageyear	String	Animal Age year

5	agemonth	String	Animal Age month
6	mproduction	String	Production from Animal
7	weight	String	Weight of Animal
8	state	String	State of living
9	mo	String	Mobile number of owner
10	price	String	Price of Animal
11	district	String	District of living
12	tehsil	String	Tehsil of living
13	village	String	Village of living
14	des	String	Description about animal
15	img	String	One Image of animal
16	umo	String	Mobile No. of uploader
17	date	String	Date of Upload
18	sname	String	Name of Seller

### **3.ClsCommentModel**

ClsCommentModel			
No	Field Name	Data type	Description
1	mo	String	Mobile No of Commenter
2	comment	String	Comment text
3	key	String	Unique Key

#### 4.ClscultivationProductionModel

ClscultivationProductionModel			
No	Field Name	Data type	Description
1	key	String	Unique Key
2	category	String	Category of product
3	spiece	String	Spiece of product
4	pname	String	Product name
5	qty	String	Quantity (In K.G.)
6	price	String	Price (Per K.G.)
7	payment	String	Total Payment
8	state	String	State of Origin
9	mo	String	Mobile number of Seller
10	district	String	District of Origin
11	tehsil	String	Tehsil of Origin
12	Village	String	Village of Origin
13	Des	String	Description of Product
14	img	String	One Image of Product
15	umo	String	Mobilw No of Uploader
16	date	String	Date of Upload
17	sname	String	SellerName

## **5.ClsEcommModel**

<b>ClsEcommModel</b>			
No	Field Name	Data type	Description
1	price	String	Price of product
2	img	String	Image of Product
3	recomm	String	Recommendation about Product
4	dpec	String	Specification of Product
5	key	String	Unique Key
6	pname	String	Product name
7	des	String	Description of Product
8	cgst	Float	Rate Of cgst
9	sgst	Float	Rate Of sgst
10	discount	Float	Rate Of discount

## **6.ClsFeedModel**

<b>ClsFeedModel</b>			
No	Field Name	Data type	Description
1	umo	String	Mobile No of Uploader
2	date	String	Date of upload
3	post	String	Post (Image)
4	key	String	Unique Key
5	des	String	Description about post
6	mediatype	String	Type of Media

## **7.ClsGovModel**

<b>ClsGovModel</b>			
No	Field Name	Data type	Description
1	name	String	Title of Scheme
2	state	String	Applicable State
3	url	String	URL of image
4	des	String	Little Description About Scheme
5	key	String	Unique Key
6	lnk	String	URL of Official Website

## **8.ClsLaborModel**

<b>ClsLaborModel</b>			
No	Field Name	Data type	Description
1	lname	String	Labor name
2	lmo	String	Labor Mobile No.
3	lloc	String	Labor location
4	lwages	String	Labor wages
5	key	String	Unique Key
6	ldes	String	Description About Work
7	ldate	String	Date of Work

## **9.ClsNewsModel**

<b>ClsNewsModel</b>			
No	Field Name	Data type	Description
1	headline	String	Headline Of news
2	link	String	Link to news-site
3	description	String	Description about news
4	img	String	Tab Image of news
5	key	String	Unique Key

## **10.ClsOrderModel**

<b>ClsOrderModel</b>			
No	Field Name	Data type	Description
1	clsEcommModel	object	Object of product that is ordered
2	mo	String	Mobile no of Buyer
3	address	String	Delivery Address
4	qty	String	Ordered Quantity
5	key	String	Unique Key
6	date	String	Date of order
7	name	String	Name of customer
8	time	String	Time of order

9	PaymentMode	String	(Online,COD)
10	PaymentId	String	Unique id of payment
11	PaymentStatus	String	Status of payment

## **11. ClsToolsAccessoriesModel**

<b>ClsToolsAccessoriesModel</b>			
No	Field Name	Data type	Description
1	key	String	Key
2	category	String	Category of Product
3	pname	String	Product name
4	price	String	Price of Product
5	month	String	Usage of Product in month
6	state	String	State of Origin
7	mo	String	Mobile number Of seller
8	district	String	District of Origin
9	tehsil	String	Tehsil of Origin
10	village	String	Village of Origin
11	desc	String	Description About Product
12	img	String	Image Of product
13	umo	String	Mobile Of uploader
14	date	String	Date Of Upload
15	sname	String	Seller Name

## **12. ClsVacancyModel**

<b>ClsVacancyModel</b>			
No	Field Name	Data type	Description
1	key	String	Unique Key
2	oname	String	Name of Recruiter (Owner)
3	ocan	String	Owner Contact Number
4	twork	String	Type of work
5	wtype	String	Wage type (Fix, Partnership)
6	eamt	String	Expected Earning amount
7	wdur	String	Work duration
8	district	String	District of Origin
9	tehsil	String	Tehsil of Origin
10	village	String	Village of Origin
11	des	String	Description about work to do
12	state	String	State of Origin
13	umo	String	Mobile No of Publisher
14	date	String	Publish Date

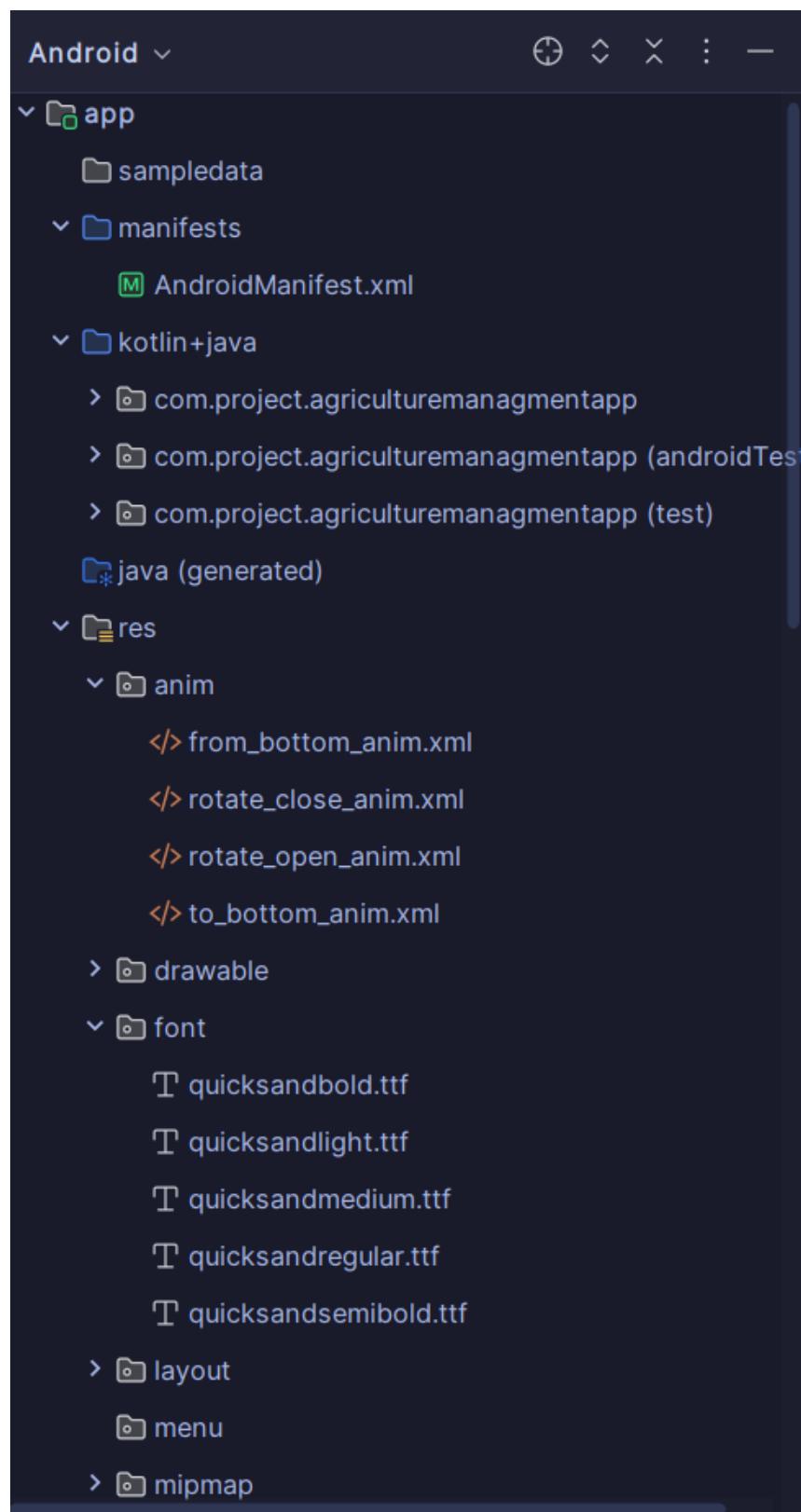
### 13. ClsChatModel

ClsChatModel			
No	Field Name	Data type	Description
1	key	String	Unique Key
2	msg	String	Chat Message
3	smo	String	Sender Contact Number
4	rmo	String	Reciever Contact Number
5	date	String	Send Date
6	time	String	Send TIme
7	img	String	Chat Image

### 14. clsaiconversation

clsaiconversation			
No	Field Name	Data type	Description
1	imguri	String	Image data
2	query	String	queryMessage
3	isai	Boolean	Sent By ai or not

## 6.2 DIRECTORY STRUCTURE





Android ▾

raw

- {} add.json
- {} empty.json
- {} load.json
- {} loading.json
- {} otp.json
- {} wel.json

values

- </> colors.xml
- > dimens (4)
- </> font\_certs.xml
- </> preloaded\_fonts.xml**

strings (12)

- </> strings.xml
- .strings.xml (bn-rIN)
- </> strings.xml (en)
- </> strings.xml (gu)
- </> strings.xml (hi)
- </> strings.xml (kn)
- </> strings.xml (ml)
- </> strings.xml (mr)
- .strings.xml (pa-rIN)
- .strings.xml (ta-rIN)
- </> strings.xml (te)
- </> strings.xml (ur)



```
└─ strings.xml (partial)
    └─ strings.xml (ta-IN)
        </> strings.xml (te)
        </> strings.xml (ur)

    └─ themes (3)
        </> themes.xml
        </> themes.xml (v23)
        </> themes.xml (night)

    > └─ xml

    └─ res (generated)
        └─ values
            </> values.xml

    └─ Gradle Scripts
        └─ build.gradle (Project: AgricultureManagementApp)
        └─ build.gradle (Module :app)
        └─ proguard-rules.pro (ProGuard Rules for ":app")
        └─ gradle.properties (Project Properties)
        └─ gradle-wrapper.properties (Gradle Version)
        └─ local.properties (SDK Location)
        └─ settings.gradle (Project Settings)
```



## ❖ Activities

Java File	Xml File
add_admin	activity_add_admin.xml
add_animal	activity_add_animal.xml
add_cultivation_product	activity_add_cultivation_product.xml
add_ecomm	activity_add_ecomm.xml
add_feed	activity_add_feed.xml
add_gov_scheme	activity_add_gov_scheme.xml
add_labour	activity_add_labour.xml
add_labour_vacancy	activity_add_labour_vacancy.xml
add_news	activity_add_news.xml
add_tools_accesories	activity_add_tools_accesories.xml
admin_animal	activity_admin_animal.xml
admin_cultivation	activity_admin_cultivation.xml
admin_ecom	activity_admin_ecom.xml
admin_home	activity_admin_home.xml
admin_resell_category	activity_admin_resell_category.xml
admin_tools	activity_admin_tools.xml
AI	activity_ai.xml
animal_category_Activity	activity_animal_category.xml
Cart	activity_cart.xml
category_cultivation	activity_category_cultivation.xml
chat	activity_chat.xml
ChatList	activity_chat_list.xml
ConfirmOrder	activity_confirm_order.xml
Contact_us	activity_contact_us.xml
EditprofileActivity	activity_editprofile.xml
Explore_User	activity_explore_user.xml
govermentScheme	activity_goverment_scheme.xml
Home	activity_home.xml
Language	activity_language.xml
MainActivity	activity_main.xml
MyOrder	activity_my_order.xml
MyProfile	activity_my_profile.xml
Navigation	activity_navigation.xml
news	activity_news.xml
orderbydate	activity_orderbydate.xml
OTP	activity_otp.xml
Posts	activity_posts.xml

Resell_Category	activity_resell_category.xml
Saved	activity_saved.xml
show_CultivationProduct	activity_show_cultivation_product.xml
show_ecom_prdt	activity_show_ecom_prdt.xml
Show_Follower	activity_show_follower.xml
splashActivity	activity_splash.xml
Term_Conditions	activity_term_conditions.xml
User_list	activity_user_list.xml
User_option	activity_user_option.xml
User_output	activity_user_output.xml
Write_share	activity_write_share.xml

## ❖ Fragments

Java File	Xml File
animals	fragment_animals.xml
Cultivation_Product	fragment_cultivation__product.xml
E_commrce	fragment_e_commrce.xml
FollowList	fragment_follow_list.xml
frghome	fragment_frghome.xml
Labour_Management	fragment_labour__management.xml
MyProducts	fragment_my_products.xml
MyVacancy	fragment_my_vacancy.xml
Myfeed	fragment_myfeed.xml
Other_vacancy	fragment_other_vacancy.xml
Resell	fragment_resell.xml
ShowFeed	fragment_show_feed.xml
tools_accesories	fragment_toos_accesories.xml
Cancelled_order	fragment_Cancelled_order.xml
datewiseorder	fragment_datewiseorder.xml

## ❖ Layout Resource File

<b>XmILayoutFile</b>
lyt_add_feed_category.xml
lyt_ai_conversation_tabs.xml
lyt_animal_tab.xml
lyt_comment.xml
lyt_comment_sheet.xml
lyt_delete_dg.xml
lyt_dlt_msg.xml
lyt_ecom_filter.xml
lyt_ecom_tb.xml
lyt_edit_option_sheet.xml
lyt_feed.xml
lyt_gov_scheme.xml
lyt_green_toast.xml
lyt_img.xml
lyt_labor.xml
lyt_loading_dg.xml
lyt_msg_info.xml
lyt_news.xml
lyt_red_toast.xml
lyt_resell.xml
lyt_schema_feed.xml
lyt_user.xml
lyt_vacancy.xml
lyt_view_animal_sheet.xml
lyt_view_order_sheet.xml
lyt_view_tools_sheet.xml

## ❖ ModelClass

<b>JavaModelClass</b>
clsaiconversation
clsAnimalModel
clsChatModel
clsCommentModel
CluCultivationProductModel
clsEcommModel
clsFeedModel

clsGovModel
clsLaborModel
clsNewsModel
clsOrderModel
clsToolsAccessoriesModel
clsUserModel
clsVacancyModel

## ❖ RecycleviewAdapter

RecycleviewAdapter
RcAiConversationAdapter
RcAnimalAdapter
RcChatAdapter
RccommentAdapter
RcCultivatonPrdtAdpter
RcEcommAdapter
RcFeedAdapter
RcGovAdapter
RcImageGridAdapter
RcLabourAdapter
RcnewsAdapter
RcorderAdapter
RcToolsAccesoriesAdapter
RcuserAdapter
RcVacancyAdapter

## ❖ ViewPagerAdapter

ViewPagerAdapter
VpAdapterResell
VpFollowerAdapter
VpHomeAdapter
VpProfileAdapter
VporderAdapter

## 6.3 INPUT Layouts

### ❖ Login (User&Admin)

**Select Language**

	English	<input checked="" type="radio"/>
	हिन्दी	<input type="radio"/>
	ગુજરાતી	<input type="radio"/>
	தமிழ்	<input type="radio"/>
	ಕನ್ನಡ	<input type="radio"/>
	اردو	<input type="radio"/>
	తెలుగు	<input type="radio"/>
	বাংলা	<input type="radio"/>
	ਪੰਜਾਬ	<input type="radio"/>
	മലയാളം	<input type="radio"/>
	मराठी	<input type="radio"/>

**Select Language**

	English	<input type="radio"/>
	हिन्दी	<input type="radio"/>
	ગુજરાતી	<input type="radio"/>
	தமிழ்	<input type="radio"/>
	ಕನ್ನಡ	<input type="radio"/>
	اردو	<input type="radio"/>
	తెలుగు	<input type="radio"/>
	বাংলা	<input type="radio"/>
	ਪੰਜਾਬ	<input type="radio"/>
	മലയാളം	<input type="radio"/>
	मराठी	<input type="radio"/>

**Login**



Name

Mobile no.

**Login**



Name

Mobile no.

OTP Sent To 9737063396



Code sent Successfully

OTP Sent To 9737063396



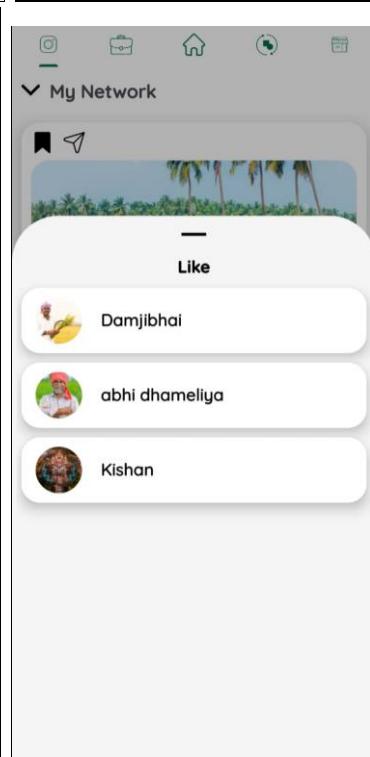
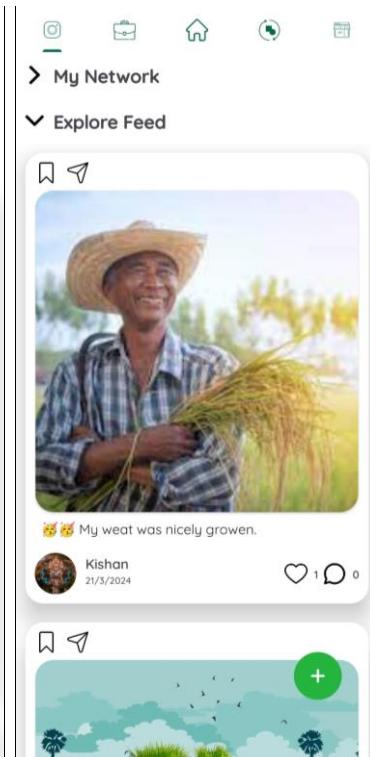
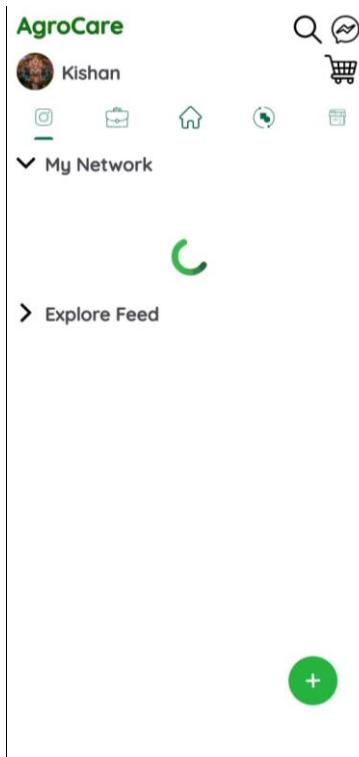
OTP Sent To 9737063396

8 7 7 3 5 3

Verify Otp



## ❖ Feed (User)





AgroCare

My Network

comment here.... Post

AgroCare

Kishan

My Network

Choose App

Cancel

Hiren Bhalani  
Today 12:47 pm

<https://firebasestorage.googleapis.com/v0/b/agriculturemanagementapp.appspot.com/o/feeding%2F9737063396%2F-NtUJIFommlVN3u7eNt?alt=media&token=a852aa5f-3c0c-40bf-ae8c-140f4b2f5788>  
The life of a farmer is very simple and rooted to the ground

Message... +

AgroCare

Kishan

My Network

Damjibhai  
21/2/2024

Add Photo

Write And Share

Add Post

Description

organic farming

Upload

Cancel

Write And Share

Enter something to share...

Hello guys,  
I am introduced in front of you some news related my farming.  
First one, I buy new animals and a tractor with trolley.  
Second is the I got highest rate of cotton in selling!

Upload

Cancel



The life of a farmer is very simple and rooted to the ground

abhi dhameliya 21/3/2024

3 1

abhi dhameliya 21/3/2024

3 1

Following Followers

Jaimin Gaudani abhi dhameliya

Following Followers

abhi dhameliya

Posts

Hello guys.  
I am introduced in front of you som news related my farming.  
First one, i buy new animals and a tractor with trolly.  
Second is the i got highest rate of cotton in selling.

Kishan 21/3/2024

0 0

Warning  
Are You Sure?  
CONTINUE

FARM  
organic farming

## ❖ Chat (User)

**Messenger**

- Jaimin Gaudani
- Damjibhai
- abhi dhameliya
- Rishil

**Jaimin Gaudani**

hello

how r u doing?

I m good

what's price /kg?

**Jaimin Gaudani**

hello

how r u?

I m good

what's price /kg?  
21/3/2024  
11:31

**Jaimin Gaudani**

hello

how r u?

I m good

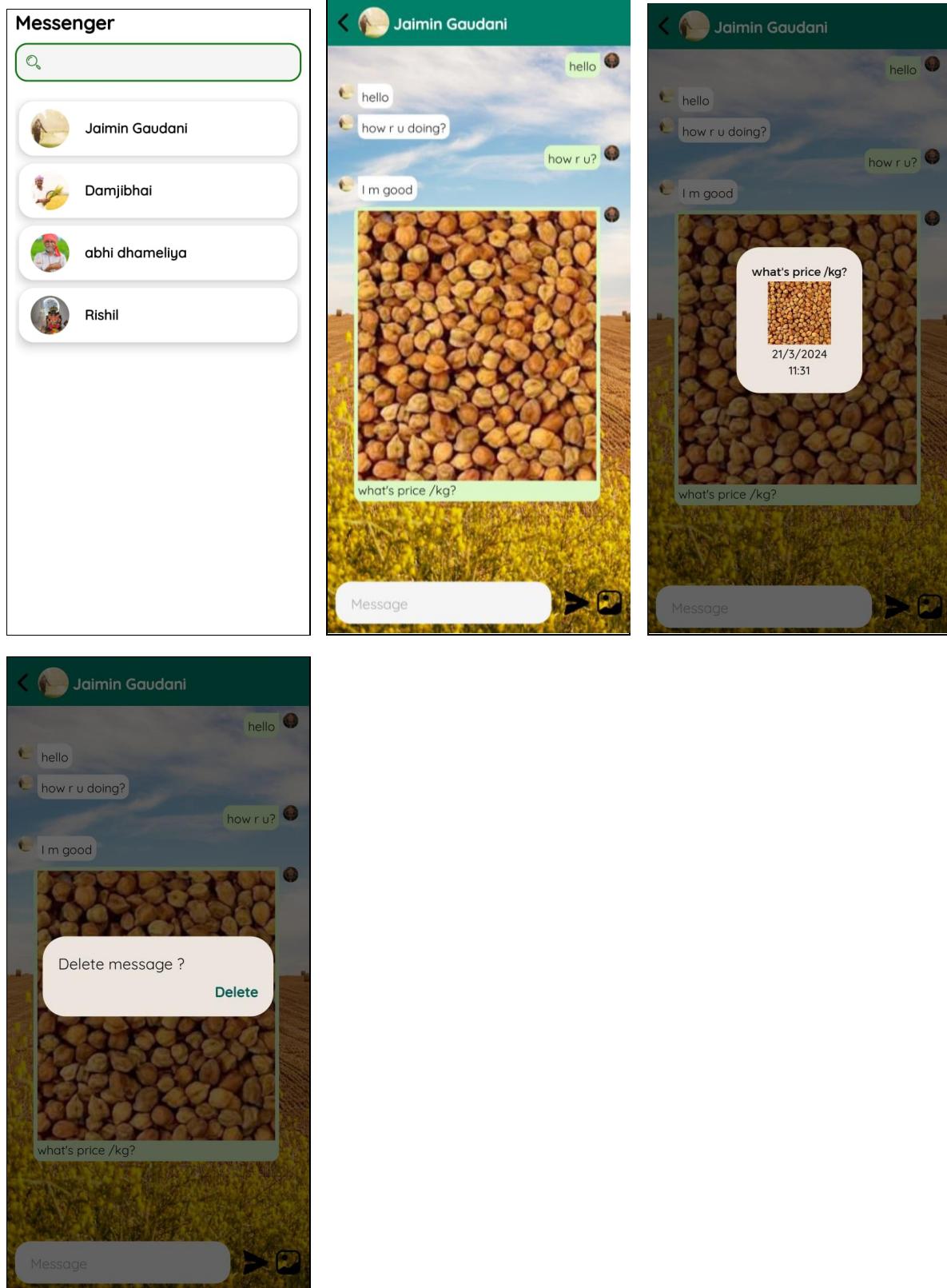
what's price /kg?

Delete message ?

Delete

Message

Message





## ❖ Vacancy (User)

**AgroCare**

Damjibhai

Rishil Date : 21/3/2024

Harsh  
Unload the goods  
Fix Wages  
10Month  
₹150000  
sihor,Sihor,Bhavangar,Gujarat.  
for more details contact me.

Kishan Date : 21/3/2024

Kishan bhuvu  
Farming with ox  
Fix Wages  
12Month  
₹24000  
surat,Vapi,Gujarat,Gujarat.  
It is a very easy and free time work.

Abhi

### Add Vacancy

**Name**  
Haribhai

**Mobile no.**  
7229005896

**Type of Work**  
Collect cotton

Fix Wages  On Partnership

**Expected Annual Income**  
150000

**Work Duration(In Month)**  
12

<b>State</b> Gujrat	<b>District</b> Bhavnagar
<b>Tehsil</b> Sihor	<b>city/town/village</b> Vav

**Description**  
Very good living opportunity provided by owner

**Save Detail**

**Mobile no.**  
7229005896

**Type of Work**  
Collect cotton

Fix Wages  On Partnership

**Expected Annual Income**  
150000

**Work Duration(In Month)**  
12

<b>State</b> Gujrat	<b>District</b> Bhavnagar
<b>Tehsil</b> Sihor	<b>city/town/village</b> Vav

**Description**  
Very good living opportunity provided by owner

**Save Detail**

**Kishan Bhuvu** 1:21 pm

Rakhu? 1:22 pm

Ha 1:22 pm

Ok 1:22 pm

Be photo vache thodi space rakhje 1:23 pm

Feeds SS.docx 4 pages • 1.7 MB • DOCX 1:23 pm

haa 1:23 pm

Hello Kishan bhuvu, I am interested in your vacancy for farmer

All contacts

- Kishan Bhuvu  
Mobile +91 98249 45298
- Create new contact
- Add to a contact
- Video call
- Send a message

+91 98249 45298

1 2 3  
4 5 6  
7 8 9  
\* 0 #

Call

**Abhi dhameliya**

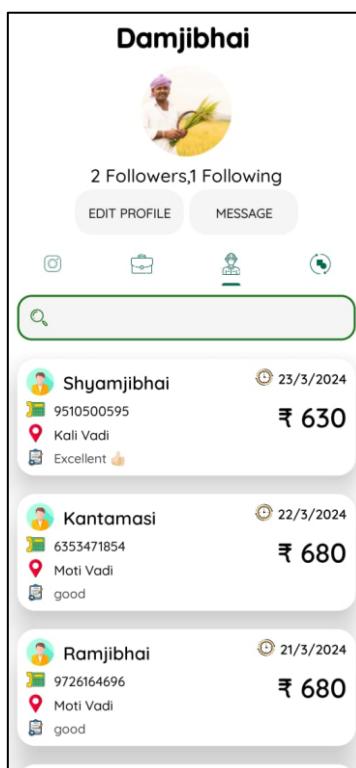
1 Followers, 4 Following

**EDIT PROFILE** **MESSAGE**

vasharam vaghni animal caretaker Fix Wages 9Month ₹300000 kubda,Amreli ,Amreli ,Gujarat .

abhi dhameliya cotton collection Fix Wages 6Month ₹500000

## ❖ Labour Management (User)



**Damjibhai**

2 Followers, 1 Following

[EDIT PROFILE](#) [MESSAGE](#)

Shyamjibhai (23/3/2024) ₹ 630  
Kantamasi (22/3/2024) ₹ 680  
Ramjibhai (21/3/2024) ₹ 680

### Add Worker

---

**Name**  
Kanti Bhai

**Mobile no.**  
6353007116

**Place of work**  
Moti Vadi

**Wages**  
500

**Description**  
very good work done

**Date**  
21/3/2024

**Save Detail**

Saturday, 17 Feb • 8:34 am  
Texting with Vasu (SMS/MMS)

Dear Customer, +916353007116 is now available to take calls.

Yesterday • 12:31 pm  
Dear Customer, +916353007116 is now available to take calls.

6:12 pm  
Hello Kanti Bhai,  
Your wages details are following  
Name of worker : Kanti Bhai  
Location of Work : Moti Vadi  
Date : 21/3/2024  
Wages : 500  
Sender : Damjibhai

RCS chat with Vasu  
Your Wages Detail of 21/3/2024 is Deleted

RC Chat with Vasu. Learn more

+ RCS message

**Damjibhai**

2 Followers, 1 Following

[EDIT PROFILE](#) [MESSAGE](#)

Shyamjibhai (23/3/2024) ₹ 630  
Kantamasi (22/3/2024) ₹ 680  
Ramjibhai (21/3/2024) ₹ 680

**Warning**

Are You Sure?

**COUNTINUE**



AgroCare

## ❖ Resell (User)

**AgroCare**

Jaimin Gaudani

Cultivator tractor  
Usage : 30 Month  
Price:₹500000

TRACTOR  
Usage : 3 Month  
Price:₹300000

Red German

Walking Tractor  
Usage : 8 Month



**Buffalo**  
buffalo  
100000

**Sheep**  
sheep  
50000

**Cow**  
gir  
125000

**Ox**  
Chillingham  
600000

**AgroCare**

Jaimin Gaudani

**Chana**  
38 K.G.  
Price:₹19/K.G.

**Mango**  
250 K.G.  
Price:₹700/K.G.

**Oats**  
7 K.G.

**pomegranate**  
200 K.G.

**AgroCare**

Damjibhai

Jaimin Gaudani  
21/3/2024



**apple**

Category	Seller name	Mobile no.
Fruits	damjibhai	6355045943

Specie	Quantity(in kg)
kashmiri apple	1000

Price(In kg)	Total Payment
70	70000

State	District
surat	surat

**AgroCare**

Damjibhai

Jaimin Gaudani  
21/3/2024



**apple**

Category	Seller name	Mobile no.
Fruits	damjibhai	6355045943

Specie	Quantity(in kg)
kashmiri apple	1000

Price(In kg)	Total Payment
70	70000

State	District
surat	surat

Tehsil	city/town/village
katargam	surat

Description
organic kashmiri apple

**AgroCare**

Damjibhai

Jaimin Gaudani  
21/3/2024



**Cow**

Specie	Age
gir	10Year5Month

Weight	Production(ltr/unit)
250KiloGram	10

 Address  
surat,kamrei,surat,gujarat



AgroCare

**Cow**

Price ₹80000	Seller name chapakbhai	Mobile no. 6355045943
Specie gir	Age 10Year5Month	
Weight 250KiloGram	Production(ltr/unit) 10	

Address  
surat,kamrej,surat,gujarat

Description  
gir bread  
huge milk quantity produce  
healthy gir cow

Share here..

**TRACTOR**

Category Tools	Seller name chandubhai	Mobile no. 6355045943
Usage 3	Total Payment 300000	Total Payment 300000
State gujarat	District surat	District surat
Tehsil kamrej	city/town/village surat	city/town/village surat

Description  
3 month used  
well maintained

Share here..

RISHIL Clg  
last seen today at 4:11 pm

17 July 2023

Messages and calls are end-to-end encrypted. No one outside of this chat, not even WhatsApp, can read or listen to them. Tap to learn more.

10 March 2024

Messages and calls are end-to-end encrypted. No one outside of this chat, not even WhatsApp, can read or listen to them. Tap to learn more.

Today

Hello damjibhai,  
I am interested in your Product apple

4:20 pm ✓

All contacts

Home Mobile +916355045943	Call
Jemin Mobile +91 6355 045 943	Call
Create new contact	
Add to a contact	
Video call	

+91 6355 045 943

1 2 3  
4 5 6  
7 8 9  
\* 0 #

Call

Message

## Category

### Animals

### Foods

### Equipments



AgroCare

Foods

Equipments

## Choose Animal

Cow

Sheep

Buffal

Sheep

Buffal

Goat

Horse

Camel

Chick

n

## Cow

species  
gir

Year  
10

Month  
5

Milk  
10

Weight  
250

Seller name  
chapakbhai

Tehsil  
kamrej

city/town/  
surat

Description  
gir bread  
huge milk quantity produce  
healthy gir cow

CHOOSE IMAGE

SAVE DETAIL



## Choose Category

Grains



Fruits

Pulses



Vegetables

## Fruits



Product\_Name

apple

specie

kashmiri apple

Qauntity

1000

Price

70

Seller name

damjibhai

Mobile no.

6355045943

State

gujarat

surat

District

surat

Tehsil

city/town/

katargam

surat

...  
Description...  
Tehsil

katargam

city/town/  
...  
surat

Description

organic kashmiri apple

CHOOSE IMAGE



SAVE DETAIL





### Foods



### Equipments



### Tools and Accesories

Tools  
Accessories  
P Vehicles  
Other

Month  
12

Seller name  
damjibhai

Mobile no.  
6355045943

Price  
200000

State      District  
Gujarat      surat

### Tools and Accesories

Vehicles

Product Name  
Tractor

Month  
12

Seller name  
damjibhai

Mobile no.  
6355045943

Price  
200000

State      District  
Gujarat      surat

Tehsil      city/town/  
surat      katargam

Description  
well maintained  
best condition

CHOOSE IMAGE



SAVE DETAIL



AgroCare

Jaimin Gaudani

2 Followers, 2 Following

EDIT PROFILE MESSAGE

Animals

Cow  
gir cow  
90000

Cow  
Gir cow  
80000

Cultivation Product

UPLOAD DELETE

UPDATE ITEM

Jaimin Gaudani

2 Followers, 2 Following

EDIT PROFILE MESSAGE

Animals

Cow  
Gir cow  
80000

Cultivation Product

Warning

Are You Sure?

COUNTINUE

UPDATE ITEM

specie

gir

Year Month

10 5

Milk Weight

10 250

Seller name

chapakbhai

Mobile no.

6355045943

Price

80000

State District

gujarat surat

UPDATE ITEM

State District

gujarat surat

Tehsil city/town/  
katargam surat

Description

healthy cow produce huge milk quantity

UPDATE ITEM

Product\_Name

apple

specie

kashmiri apple

Quantity Price

1000 70

Seller name

damjibhai

Mobile no.

6355045943

State District

surat surat

Tehsil city/town/  
katargam surat

UPDATE ITEM

State District

surat surat

Tehsil city/town/  
katargam surat

Description

organic kashmiri apple

UPDATE ITEM

Tools and Accesories	
Vehicles	
Product Name	
Tractor	
Month	
12	
Seller name	
damjibhai	
Mobile no.	
6355045943	
Price	
200000	
State	District
Gujarat	surat
State gujarat District surat	
Tehsil	city/town/ ...
kamrej	surat
Description	
3 month used well maintained	
	
<a href="#" style="background-color: #008080; color: white; padding: 5px 20px; border-radius: 25px;">UPDATE ITEM</a>	



**AgroCare**

## ❖ Ecommerce

**AgroCare**

Rishil

Tools and Equipment

Search icon

Cart icon

Profile icon

Home icon

Logout icon

Calender icon

Tractor: Swaraj 855 FE ₹340000 (15.0% Less)

Agriculture Tool Kit: ₹13000 (15.0% Less)

Mild steel agriculture tractor: ₹20000 (100% Less)

Agrovision Hand Wheel Hoe with attachment: ₹2500 (15.0% Less)

**Details**

**Agrovision Hand Wheel Hoe with attachment**

₹2500 -NtUfCj4OgsQ3Er7hO-

CGST 18.0%	SGST 18.0%	Discount 15.0%sh
---------------	---------------	---------------------

**Specification**  
This versatile and efficient tool is designed to revolutionize your agricultural practices, making your tasks easier and more productive.

**Description**  
The Ultimate Farming Tool Enhance your farming experience with the Agrovision Hand Wheel Hoe with Attachment.

**Recommendation**  
Innovative features and exceptional performance make it a must-have for any farmer or gardener looking to optimize their agricultural practices.

**ADD TO CART** **GO TO CART**

**Details**

**Agrovision Hand Wheel Hoe with attachment**

₹2500 -NtUfCj4OgsQ3Er7hO-

CGST 18.0%	SGST 18.0%	Discount 15.0%sh
---------------	---------------	---------------------

**Specification**  
This versatile and efficient tool is designed to revolutionize your agricultural practices, making your tasks easier and more productive.

**Description**  
The Ultimate Farming Tool Enhance your farming experience with the Agrovision Hand Wheel Hoe with Attachment.

**Recommendation**  
Innovative features and exceptional performance make it a must-have for any farmer or gardener looking to optimize their agricultural practices.

**ADD TO CART** **GO TO CART**

**Cart product**

Agrovision Hand Wheel Hoe with attachment: ₹2500 (15.0% Less)

HALDAR SEEDS: ₹2000 (20.0% Less)

Agriculture Tool Kit: ₹13000 (15.0% Less)

TIGER N 20: ₹800 (41.0% Less)

**Details**

**Agrovision Hand Wheel Hoe with attachment**

₹2500 -NtUfCj4OgsQ3Er7hO-

CGST 18.0%	SGST 18.0%	Discount 15.0%sh
---------------	---------------	---------------------

**Specification**  
This versatile and efficient tool is designed to revolutionize your agricultural practices, making your tasks easier and more productive.

**Description**  
The Ultimate Farming Tool Enhance your farming experience with the Agrovision Hand Wheel Hoe with Attachment.

**Recommendation**  
Innovative features and exceptional performance make it a must-have for any farmer or gardener looking to optimize their agricultural practices.

Quantity: 3

**PLACE ORDER** **REMOVE CART**

**Customer Information**

Rishil  
9879295483

**Deliver to :**  
55,RK Society, surat

**Price Details**

Order Amount : 7500.0
CGST : 18.0
SGST : 18.0
Shipping Charges: 120
Discount : 15.0

Payable Amount : 9195.0

**Payment Mode**

Cash On Delivery

digital payment

**ORDER CONFIRM**



Hand wheel Hoe with attachment  
2500  
Quantity: : 3.0  
The Ultimate Farming Tool Enhance your farming experience with the Agrovision Hand Wheel Hoe with Attachment.

**Customer Information**  
Rishil  
9879295483  
**Deliver to :**  
55,RK Society, surat

**Price Details**  
Order Amount : 7500.0  
CGST : 18.0  
SGST : 18.0  
Shipping Charges: 120  
Discount : 15.0  
Payable Amount : 9195.0

**Order Id**  
-NtUng1WCVUIzxP4i0b  
**Payment Mode**  
COD

**Customer Information**

Rishil  
9879295483  
**Deliver to :**  
55,RK Society, surat

**Price Details**

Order Amount	:	10000.0
CGST	:	9.0
SGST	:	9.0
Shipping Charges:	:	120
Discount	:	20.0

Payable Amount : 9920.0

**Payment Mode**

Cash On Delivery  
 digital payment

**ORDER CONFIRM**

**Preferred Payment Methods**

UPI - Google Pay
UPI - PayTM

**UPI, Cards & More**

UPI
Google Pay
PhonePe
PayTM
Others
Card
Netbanking
Wallet
Pay Later

₹ 10,000 [View Details](#) **Pay Now**

Payment successful

₹ 10,000

**AgroCare**  
Mar 21, 2024 | 12:31 PM

UPI | pay\_NounzjIzeZmnsk   
© Visit [razorpay.com/support](https://razorpay.com/support) for queries

[Redirecting in 4 seconds...](#)

**Order Summary**

Agrovision Hand Wheel Hoe with attachment  
2500  
Quantity: : 3.0  
The Ultimate Farming Tool Enhance your farming experience with the Agrovision Hand Wheel Hoe with Attachment.

**Customer Information**

Rishil  
9879295483  
**Deliver to :**  
55,RK Society, surat

**Price Details**

Order Amount	:	7500.0
CGST	:	18.0
SGST	:	18.0
Shipping Charges:	:	120
Discount	:	15.0

Payable Amount : 9195.0



### My Order



**Mild steel agriculture tractor**  
20000



**HALDAR SEEDS**  
2000



**Cancel Order**



**Agrovision Hand Wheel Hoe with attachment**  
2500



**Agriculture Tool Kit**  
13000



shanks) that pierce the soil as they are dragged through it linearly. It also refers to machines that use the rotary motion of disks or teeth to accomplish a similar result.

### Customer Information

Rishil  
9879295483

**Deliver to :**  
55.RK Society, surat

### Price Details

Order Amount	:	20000.0
CGST	:	9.0
SGST	:	9.0
Shipping Charges	:	120
Discount	:	10.0

Payable Amount : 21720.0

### Order Id

-NtV4c7ob...XM9TtG4tv

### Payment Mode

COD

**CANCEL ORDER**

### My Order



**HALDAR SEEDS**  
2000



**Cancel Order**



**Mild steel agriculture tractor**  
20000



**Agrovision Hand Wheel Hoe with attachment**  
2500





### ❖ Home: News & Weather Detail & Search User (User)

The image displays three side-by-side screenshots of the AgroCare mobile application:

- Left Screenshot:** Shows the home screen for user "Abhi". It features a weather card with current temperature (28.06°C), humidity (20%), wind speed (4.63m/s), and pressure (1011.0). Below it is a news section with two articles: "non-basmati rice price down" and "Duo quits high-paying jobs".
- Middle Screenshot:** Shows the home screen for user "Damjibhai". It displays a weather card with current temperature (24.94°C), humidity (98%), wind speed (3.7m/s), and pressure (1010.0). Below it is a news section with three articles: "non-basmati rice price down 10% in a", "Duo quits high-paying jobs", and "Why FPOs need innovation to".
- Right Screenshot:** Shows a search results page titled "Search user". It lists five users with profile icons: Jaimin Gaudani, Damjibhai, Abhi, Kishan, and Rishil. A search bar at the top is highlighted.

### ❖ Government Scheme

The image displays two screenshots of government agricultural schemes:

- Left Screenshot:** Shows the "Scheme" section of the AgroCare app. It highlights the "Agriculture Infrastructure Fund (AIF)" and the "Interest Subvention Scheme". The AIF section includes a description of the scheme, which provides Rs. 1 Lakh Crore as loans with 3% interest subvention and credit guarantee coverage under CGTMSE. The Interest Subvention Scheme section includes a description of the scheme, which provides interest rate subsidies on short-term crop loans.
- Right Screenshot:** Shows the official website of the National Agriculture Infra Financing Facility. It features the logo of the Department of Agriculture & Farmers Welfare, the text "Department of Agriculture & Farmers Welfare कृषि और किसान कल्याण विभाग National Agriculture Infra Financing Facility", and a call to action "please visit [www.sampada-mofpi.gov.in](http://www.sampada-mofpi.gov.in)". Below this is a "Main Features" section with bullet points: "Convergence with all schemes of central or state government." and "Online single window facility in".



## ❖ Farmer Friend

## Farmer Friend

hi

Hello! How can I help you today?



what is this disease?

This is a picture of a potato plant with late blight. Late blight is a common fungal disease that affects potatoes and tomatoes. It is caused by the fungus *Phytophthora infestans*. The fungus produces spores that can be spread by wind and rain. The spores can infect the leaves, stems, and tubers of potato plants. The disease starts as small, dark spots on the leaves. The spots then enlarge and turn brown. The leaves may eventually turn yellow and die. The fungus can also infect

Enter Prompt

--- please give a solution

> 



### ❖ Navigation (User)

#### My Profile



abhi dhameliya  
+91 9737063396

- [My Profile](#)
- [Language](#)
- [My Order](#)
- [Goverment scheme](#)
- [Saved Item](#)
- [Contact us](#)

#### My Profile

- [My Order](#)
- [Goverment scheme](#)
- [Saved Item](#)
- [Contact us](#)
- [Share app](#)
- [Term&Condition](#)
- [Administrator](#)

LOG OUT

v 2.0.1

#### Abhi dhameliya



1 Followers, 4 Following

[EDIT PROFILE](#) [MESSAGE](#)

- [Instagram](#)
- [Briefcase](#)
- [Handshake](#)
- [Globe](#)



#### Select Language

-  English
-  हिन्दी
-  ગુજરાતી
-  தமிழ்
-  ಕನ್ನಡ
-  اردو
-  తెలుగు
-  वांला
-  پنجابی
-  മലയാളം
-  मराठी

#### Select Language

-  ಕನ್ನಡ
-  اردو
-  తెలుగు
-  वांला
-  پنجابی
-  മലയാളം
-  मराठी

→

Write Something Here...

0/300

- 
- 
- 
- 

 Sutex Bank College of Computer Applications and Science , Near Jivan Jyot Hospital, Amroli, Surat, Gujarat 394107



### ❖ EditProfile (user)

< Edit Profile



Name  
Abhi dhameliya

E-mail  
abhi.dhameliya111@gmail.com

Mobile number  
9737063396

Date of birth  
 1/1/2004

< Edit Profile

abhidhameliya111@gmail.com

Mobile number  
9737063396

Date of birth  
 1/1/2004

Gender  
 Male  Female

State  
Gujarat

Address  
A/47,Kiran park society,punagam,Surat.

**Update\_Profile**

< Edit Profile

abhi.dhameliya111@gmail.com

Mobile number  
9737063396

Date of birth  
 1/1/2004

Gender  
 Male  Female

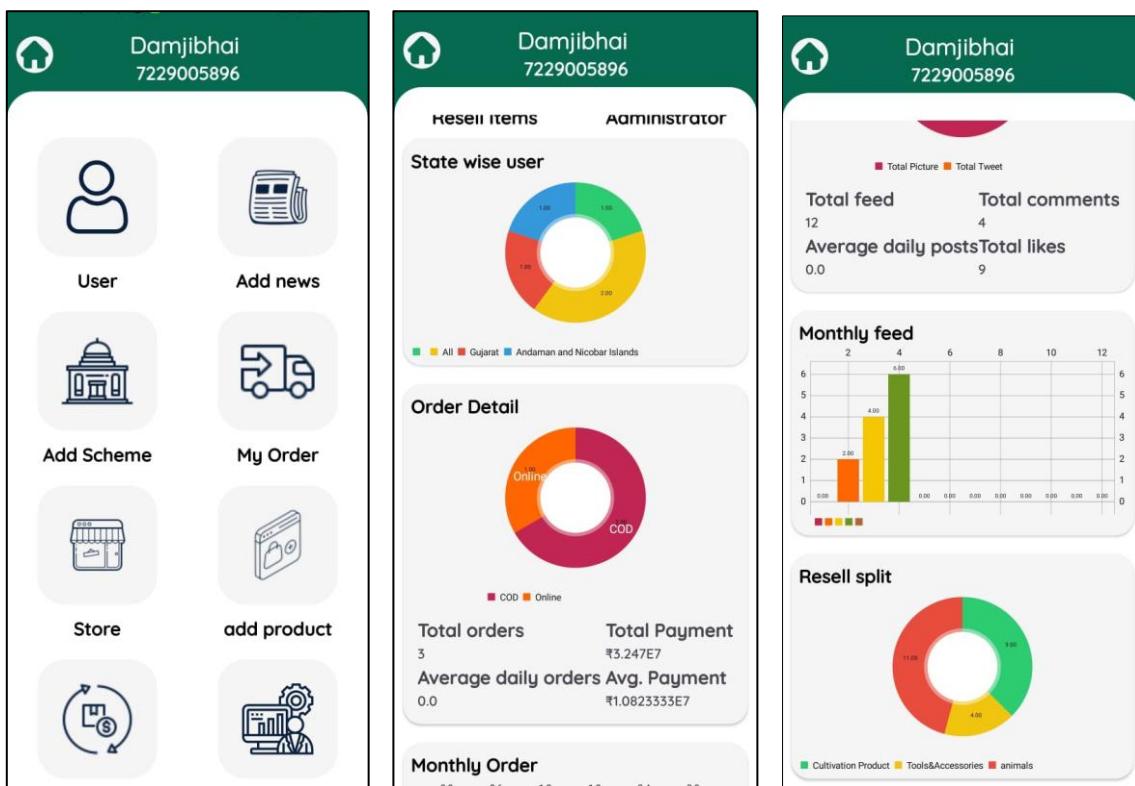
State  
Gujarat

Address  
A/47,Kiran park society,punagam,Surat.

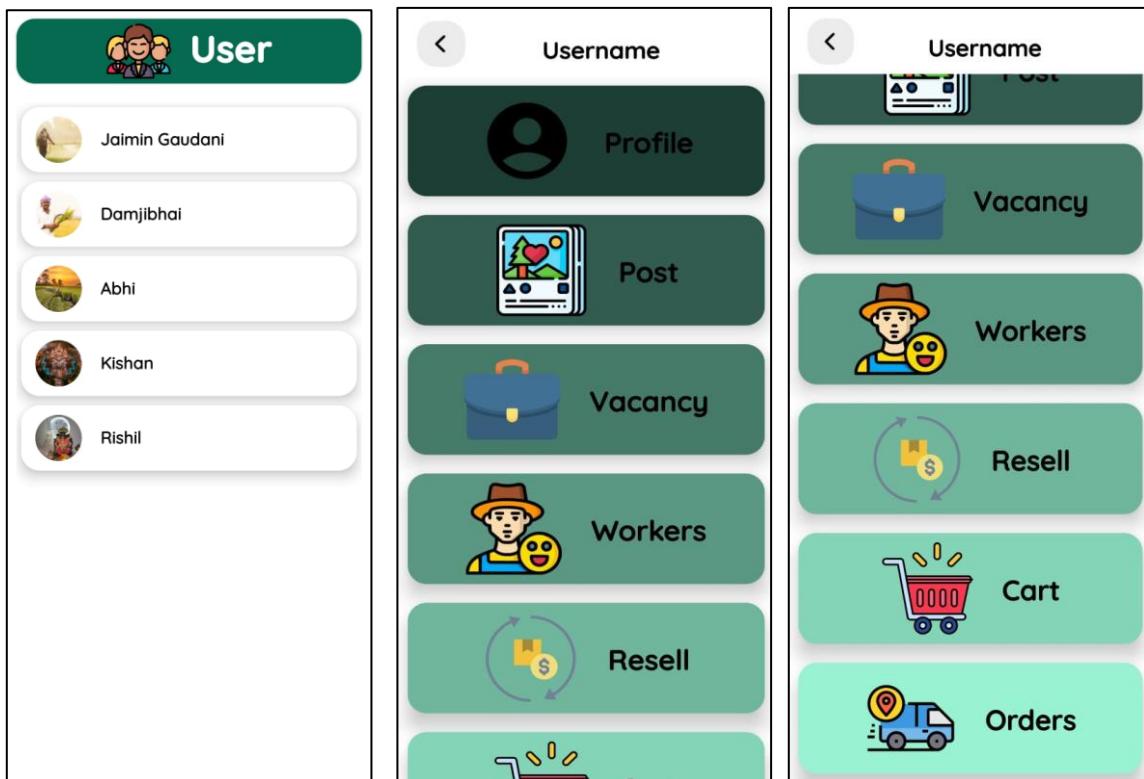
**Update\_Profile**



## ❖ Home (Admin)



## ❖ Explore User (Admin)





## ❖ Add News (Admin)

### News

**stock hits 10%**  
Multibagger Stock engaged in the business of production,

**Why FPOs need innovation to**  
Farmer Producer Organisations (FPOs) have emerged as powerful catalysts

**Duo quits high-paying**  
In less than a year, Alappuzha's Rajesh K.G. and Renjith Das started selling

**non-basmati rice price down**  
Bharat rice is being sold in 5 kg and 10 kg packs, at a price of Rs 29 per kg, through the National Agricultural Cooperative Marketing Federation of India Ltd, the National Cooperative Consumers' Federation of India and retail chain Kendriya Bhandar.

[Add news](#)

### Add news

**Headline**  
non-basmati rice price down 10% in a month

**Link**  
[https://m.economictimes.com/news/economy/agriculture/non-basmati-rice-prices-down-10-in-a-month/amp\\_articleshow/108617486.cms](https://m.economictimes.com/news/economy/agriculture/non-basmati-rice-prices-down-10-in-a-month/amp_articleshow/108617486.cms)

**Description**  
Bharat rice is being sold in 5 kg and 10 kg packs, at a price of Rs 29 per kg, through the National Agricultural Cooperative Marketing Federation of India Ltd, the National Cooperative Consumers' Federation of India and retail chain Kendriya Bhandar.

**PUBLISH NEWS**

**Headline**  
non-basmati rice price down 10% in a month

**Link**  
[https://m.economictimes.com/news/economy/agriculture/non-basmati-rice-prices-down-10-in-a-month/amp\\_articleshow/108617486.cms](https://m.economictimes.com/news/economy/agriculture/non-basmati-rice-prices-down-10-in-a-month/amp_articleshow/108617486.cms)

**Description**  
Bharat rice is being sold in 5 kg and 10 kg packs, at a price of Rs 29 per kg, through the National Agricultural Cooperative Marketing Federation of India Ltd, the National Cooperative Consumers' Federation of India and retail chain Kendriya Bhandar.

**PUBLISH NEWS**

### News

**FARMER PROTEST IN HARYANA**  
Chandigarh: Farmers' unions and the Rashtriya Swayamsevak Sangh (RSS) have been at

**Warning**  
Are You Sure?

**COUNTINUE**

**Nearly 5,000 farmer producer**  
Almost 5,000 of the 8,000 registered Farmer Producer Organisations (FPOs) ha

[Add news](#)

**82% hike in tea**



## ❖ Add Government Scheme (Admin)

**Scheme**

**Agriculture Infrastructure Fund (AIF)**  
All

**Description:**  
Under the scheme, Rs. 1 Lakh Crore will be provided by banks and financial institutions as loans with interest subvention of 3% per annum and credit guarantee coverage under CGTMSE for loans up to Rs. 2 Crores. Further, each entity is eligible to get the benefit of the scheme for up to 25 projects located in different LGD codes.

**Interest Subvention Scheme**  
All

**Description:**  
This scheme provides interest subsidies on short-term crop loans to farmers. It encourages timely repayment

**Add Scheme**

**Scheme name**  
Pradhan Mantri Kisan Maandhan Yojna (PMKMY)

**Link**  
<https://maandhan.in/>

**Description**  
Pradhan Mantri Kisan Maandhan Yojna (PMKMY) is a central sector scheme launched on 12th September 2019 to provide security to the most vulnerable farmer families. PM-KMY is contributory scheme, small and marginal farmers (SMFs), subject to exclusion criteria, can opt to become member of the scheme by paying monthly subscription to the Pension Fund. Similar, amount will be contributed by the Central Government

**Scheme name**  
Pradhan Mantri Kisan Maandhan Yojna (PMKMY)

**Link**  
<https://maandhan.in/>

**Description**  
Pradhan Mantri Kisan Maandhan Yojna (PMKMY) is a central sector scheme launched on 12th September 2019 to provide security to the most vulnerable farmer families. PM-KMY is contributory scheme, small and marginal farmers (SMFs), subject to exclusion criteria, can opt to become member of the scheme by paying monthly subscription to the Pension Fund. Similar, amount will be contributed by the Central Government

**State**  
All

**SAVE DETAIL**

**Scheme**

**Pradhan Mantri Kisan Maandhan Yojna (PMKMY)**

**Warning**

Are You Sure?

**COUNTINUE**

**Agriculture Infrastructure Fund (AIF)**  
All

**Description:**  
Under the scheme, Rs. 1 Lakh Crore will be provided by banks and financial institutions as loans with interest subvention of 3% per annum and credit guarantee coverage under CGTMSE for loans up to Rs. 2 Crores. Further, each entity is eligible to get the benefit of the scheme for up to 25 projects located in different LGD codes

**Add Scheme**



### ❖ Manage order (Admin)

Cancel Order      My Order

Select date : 21-3-2024

HALDAR SEEDS  
2000

Swaraj 855 FE  
340000

Mild steel agriculture tractor  
20000

Cancel Order      My Order

Select date : 21/4/2024

Agriculture Tool Kit  
13000

Compo expert Novatrac solub NPK  
2100

Agrovision Hand Wheel Hoe with attachment  
2500

Mild steel agriculture tractor  
20000

Compo expert NovaTec Solub 14-8-30

Order Summary

Agriculture Tool Kit  
13000  
Quantity: 1.0

All The tool Describe in picture are there in tool kit.

Customer Information

Rishil  
9879295483

Deliver to :

55,RK Society, surat

Price Details

Order Amount	:	13000.0
CGST	:	18.0
SGST	:	18.0
Shipping Charges:	:	120
Discount	:	15.0
Payable Amount : 15850.0		

Order Id  
-NtUc-P3lxEJnmvn4epk

Payment Mode

Cancel Order      My Order

Select date : 21-3-2024

2024  
Thu, 21 Mar

S	M	T	W	T	F	S
1	2					
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Cancel      OK



### ❖ Manage Ecommerce Store (Admin)

#### Add Product

Choose Product category  
Tools and Equipment

Product\_Name  
Agrovision Hand Wheel Hoe with attachment

Price  
2500

CGST  
18

SGST  
18

Discount  
15

Product Description  
The Ultimate Farming Tool Enhance your farming experience with the

#### Add Product

SGST  
18

Discount  
15

Product Description  
The Ultimate Farming Tool Enhance your farming experience with the Agrovision Hand Wheel Hoe with Attachment.

Specification  
This versatile and efficient tool is designed to revolutionize your agricultural practices, making your tasks easier and more productive.

Recommendation  
innovative features and exceptional performance make it a must-have for any farmer or gardener looking to optimize their agricultural practices.

CHOOSE IMAGE

CHOOSE IMAGE

#### Add Product

designed to revolutionize your agricultural practices, making your tasks easier and more productive.

Recommendation  
innovative features and exceptional performance make it a must-have for any farmer or gardener looking to optimize their agricultural practices.

CHOOSE IMAGE

ADD PRODUCT

#### Store

 Swaraj 855 FE ₹340000	 Agriculture Tool Kit ₹15000
 TIGER N 20 ₹800	 Mild steel agriculture tractor ₹20000
 Compo expert Novatrac solub NPK ₹1200	 HALDAR SEEDS ₹1000

#### Store

 Swaraj 855 FE ₹340000	 Agriculture Tool Kit ₹15000
 TIGER N 20 ₹800	 Mild steel agriculture tractor ₹20000
 Compo expert Novatrac solub NPK ₹1200	 HALDAR SEEDS ₹1000

#### Store

 Compo expert Novatrac solub NPK ₹1200	 HALDAR SEEDS ₹1000
<p><b>Warning</b></p> <p>Are You Sure?</p> <p>COUNTINUE</p>	
 10CLUB Gardening Hand Tools Set ₹600	

Update item

**Choose Product catagory**

**Product\_Name**

**Price**

**CGST**

**SGST**

**Discount**

**Product Description**

It is based on liquid sulphur.  
Effectiveness and environmental component are the two main factors that gives sulphur that position.

Update item

Some product have some specific details that gives sulphur that position.

**Specification**

Dosage - 40-50 MI for 15 liter water spray volume.

**Recommendation**

This product result was a very best and useful to buy.

CHOOSE IMAGE



UPDATE ITEM



## ❖ Resell (Admin)

### Cultivation Product

Pear 500 K.G. Price: ₹80/K.G.	StarFruit 800 K.G. Price: ₹60/K.G.
apple 1000 K.G. Price: ₹80/K.G.	cherrie 600 K.G. Price: ₹70/K.G.
pomegranate	peanuts

### Animal

Cow Gir cow 80000	Cow gir cow 90000
Cow Gir 24000	Buffalo Indian 32000
Cow Gir 24000	Buffalo Indian 32000

### Animal

Cow Gir cow 80000	Cow gir cow 90000
Cow Gir 24000	Buffalo Indian 32000
Cow Gir 24000	Buffalo Indian 32000

### Animal

Cow gir cow 90000	Cow Geer cow 200000
Cow Gir 24000	Buffalo Indian 32000
Cow Gir 24000	Buffalo Indian 32000

**Warning**

Are You Sure?

**COUNTINUE**



## ❖ Add Admin (Admin)

Meet

9726164696

...

**APPLY**

Jaimin Gaudani

Damjibhai

Abhi

Kishan

Rishil

call was at 12:29 PM on 08-Feb-2024  
Thankyou, Team Jio.

Monday, 12 Feb • 10:35 pm

Dear Customer, You have a missed call from +919726164696 The last missed call was at 10:35 PM on 12-Feb-2024  
Thankyou, Team Jio.

Monday, 19 Feb • 1:00 pm

Dear Customer, +919726164696 is now available to take calls.

6:13 pm

Hello Ramjibhai ,  
Your wages details are following  
Name of worker : Ramjibhai  
Location of Work : Moti Vadai  
Date : 21/3/2024  
Wages: 680  
Sender : Damjibhai

Hello,  
Meet you are the admin of Agrocare.  
Username : 9726164696  
Password : Meet@9726164696#8626

6:20 pm • SMS

Username : 9879295483  
Password : Rishil@9879295483#6129

RC Chat with Rishil. Learn more

Hello,  
Rishil you are the admin of Agrocare.  
Username : 9879295483  
Password : Rishil @9879295483#9794

Saturday, 9 Mar • 10:09 am

New admin 9408725231 have added by 7229005896

Tuesday • 10:34 am

Dear Customer, You have a missed call from +919879295483 The last missed call was at 10:10 AM on 19-Mar-2024  
Thankyou, Team Jio.

6:20 pm

New admin 9726164696 have added by 7229005896

6:20 pm • SMS

## 7. System Testing [Test Cases]

### 7.1 System Testing



## 7.1 System Testing

### ❖ Login

Field Test	Test Data	Valid/Invalid	Test Result
<b>Username</b>	Empty	Invalid	Please Enter Name.
	Hiren Bhalani	Valid	Username is valid.
<b>Mobile No.</b>	empty	Invalid	Please Enter Mobile No.
	12345	Invalid	Length of mobile no. must be 10.
	123abc	Invalid	Mobile no should only contain numbers.
<b>Profile Picture</b>	Empty	invalid	Please select a image.
	Image uri	Valid	Image selected and will send to database.

### ❖ Add Animal

Field Test	Test Data	Valid/Invalid	Test Result
<b>specie</b>	Empty	Invalid	Please Enter specie.
	Gir	Valid	Speice is valid.
<b>year</b>	empty	Invalid	Please enter year.
	123	Invalid	Please enter valid year.
	aa	Invalid	Please enter numbers only



	11	valid	Year is valid
<b>month</b>	empty	invalid	Please enter month.
	123	Invalid	Please enter valid year.
	aa	Invalid	Please enter numbers only
	11	valid	year is valid
<b>Milk production</b>	empty	invalid	Please enter milk production.
	aa	invalid	Please enter valid milk production.
	01	valid	Milk production is valid.
<b>Mobile no</b>	Empty	Invalid	Please Enter Phone Number
	7016akash	Invalid	Phone Number field contain only number format.
	70166527	Invalid	Enter valid Phone Number
	7016652775	Valid	Inputted text is valid Number
<b>Price</b>	Empty	Invalid	Please enter price.
	Abc123	Invalid	Please enter valid price.
	100	valid	Price is valid.
<b>State</b>	Empty	Invalid	Please enter state.
	Gujrat	valid	State is valid.
<b>District</b>	Empty	Invalid	Please enter district.

	Surat	valid	District is valid.
<b>tehsil</b>	Empty	Invalid	Please enter tehsil.
	Kamrej	valid	Tehsil is valid.
<b>City/town/village</b>	Empty	Invalid	Please enter city.
	Simada gam	Valid	City is valid.
<b>Image</b>	Empty	invalid	Please select a image.
	Image uri	Valid	Image is selected and will sent to database.
<b>description</b>	Empty	valid	description is not mandatory.
	This is desciption	valid	Description is valid.

### ❖ Add Cultivation Product

Field Test	Test Data	Valid/Invalid	Test Result
<b>Product name</b>	Empty	Invalid	Please enter product name.
	wheat	valid	Product name is valid.
<b>specie</b>	Empty	Invalid	Please Enter specie.
	Bhaliya	Valid	Speice is valid.
<b>Quantity</b>	empty	Invalid	Please enter quantity.
	123aa	Invalid	Quantity must have numeric value.
	aa	Invalid	Quantity must have numeric value.



	11	valid	Quantity is valid.
<b>Price</b>	Empty	Invalid	Please enter price.
	Abc123	Invalid	Please enter valid price.
	100	valid	Price is valid.
<b>Seller name</b>	Empty	Invalid	Please enter seller name.
	Hiren Bhalani	Valid	Seller name is valid.
<b>Mobile no</b>	Empty	Invalid	Please Enter Phone Number
	7016akash	Invalid	Phone Number field contain only number format.
	70166527	Invalid	Enter valid Phone Number
	7016652775	Valid	Inputted text is valid Number
<b>State</b>	Empty	Invalid	Please enter state.
	Gujrat	valid	State is valid.
<b>District</b>	Empty	Invalid	Please enter district.
	Surat	valid	District is valid.
<b>tehsil</b>	Empty	Invalid	Please enter tehsil.
	Kamrej	valid	Tehsil is valid.
<b>City/town/village</b>	Empty	Invalid	Please enter city.
	Simada gam	Valid	City is valid.
<b>Image</b>	Empty	invalid	Please select a image.

	Image uri	Valid	Image is selected and will sent to database.
<b>description</b>	Empty	valid	description is not mandatory.
	This is desction	valid	Description is valid.

### ❖ Add Tools&Accessories

Field Test	Test Data	Valid/Invalid	Test Result
<b>Product name</b>	Empty	Invalid	Please enter product name
	Tractor	valid	Product name is valid
<b>month</b>	empty	invalid	Please enter month.
	123	Invalid	Please enter valid year.
	aa	Invalid	Please enter numbers only
	11	valid	year is valid
<b>Seller name</b>	Empty	Invalid	Please enter Seller name.
	Hiren Bhalani	Valid	Seller name is valid.
<b>Mobile no</b>	Empty	Invalid	Please Enter Phone Number
	7016akash	Invalid	Phone Number field contain only number format.
	70166527	Invalid	Enter valid Phone Number
	7016652775	Valid	Inputted text is valid Number
<b>Price</b>	Empty	Invalid	Please enter



			price.
	Abc123	Invalid	Please enter valid price.
	100	valid	Price is valid.
<b>State</b>	Empty	Invalid	Please enter state.
	Gujrat	valid	State is valid.
<b>District</b>	Empty	Invalid	Please enter district.
	Surat	valid	District is valid.
<b>tehsil</b>	Empty	Invalid	Please enter tehsil.
	Kamrej	valid	Tehsil is valid.
<b>City/town/village</b>	Empty	Invalid	Please enter city.
	Simada gam	Valid	City is valid.
<b>Image</b>	Empty	invalid	Please select a image.
	Image uri	Valid	Image is selected and will sent to database.
<b>description</b>	Empty	valid	description is not madatory.
	This is desction	valid	Description is valid.

### ❖ Add Vacancy

Field Test	Test Data	Valid/Invalid	Test Result
<b>Name</b>	Empty	Invalid	Please enter name.
	Hiren Bhalani	Valid	Name is valid.
<b>Mobile no</b>	Empty	Invalid	Please Enter Phone Number

	7016akash	Invalid	Phone Number field contain only number format.
	70166527	Invalid	Enter valid Phone Number
	7016652775	Valid	Inputted text is valid Number
<b>Work type</b>	Empty	invalid	Please select work type.
	Fix wages	valid	Work type selected.
	On partnership	valid	Work type selected.
<b>Annual income</b>	Empty	Invalid	Please enter annual income.
	Abc123	Invalid	Income may only contain numbers.
	100	valid	Income is valid.
<b>Work duration</b>	empty	invalid	Please enter work duration.
	123	Invalid	Please enter valid work duration.
	aa	Invalid	Work duration may only contain numbers.
	11	valid	Work duration is valid.
<b>State</b>	Empty	Invalid	Please enter state.
	Gujrat	valid	State is valid.
<b>District</b>	Empty	Invalid	Please enter district.



	Surat	valid	District is valid.
<b>tehsil</b>	Empty	Invalid	Please enter tehsil.
	Kamrej	valid	Tehsil is valid.
<b>City/town/village</b>	Empty	Invalid	Please enter city.
	Simada gam	Valid	City is valid.
<b>Image</b>	Empty	invalid	Please select a image.
	Image uri	Valid	Image is selected and will sent to database.
<b>description</b>	Empty	valid	description is not mandatory.
	This is desciption	valid	Description is valid.

### ❖ Add Labour

Field Test	Test Data	Valid/Invalid	Test Result
<b>Name</b>	Empty	Invalid	Please enter name
	Hiren Bhalani	Valid	Name is valid.
<b>Mobile no</b>	Empty	Invalid	Please Enter Phone Number
	7016akash	Invalid	Phone Number field contain only number format.
	70166527	Invalid	Enter valid Phone Number
	7016652775	Valid	Inputted text is valid Number
<b>Work place</b>	Empty	invalid	Please enter workplace.



	Lemon farm	valid	Work place is valid.
<b>Wages</b>	Empty	Invalid	Please enter wages.
	Abc123	Invalid	Wages may only contain numbers.
	100	valid	Wages are valid.
<b>Work duration</b>	empty	invalid	Please enter work duration.
	123	Invalid	Please enter valid work duration.
	aa	Invalid	Work duration may only contain numbers.
	11	valid	Work duration is valid.
<b>Date</b>	empty	invalid	Please select date.
	18/03/2024	Valid	Selected date is valid.
<b>description</b>	Empty	valid	description is not mandatory.
	This is desciption	valid	Description is valid.

### ❖ Add Post

Field Test	Test Data	Valid/Invalid	Test Result
<b>Image</b>	Empty	invalid	Please select A image.
	Image uri	Valid	Image is selected and will upload to database.
<b>description</b>	Empty	valid	description is not mandatory.

	This is description	valid	Description is valid.
--	---------------------	-------	-----------------------

### ❖ Write and share

Field Test	Test Data	Valid/Invalid	Test Result
<b>Description</b>	Empty	invalid	please enter some description.
	this is description	Valid	Description is valid.

### ❖ Add News

Field Test	Test Data	Valid/Invalid	Test Result
<b>Headline</b>	Empty	invalid	Please enter headline.
	this is headline	Valid	Headline is valid.
<b>Link</b>	Empty	invalid	Please enter link.
	www.google.com	Valid	Link is valid.
<b>Description</b>	Empty	invalid	Please enter Description
	this is description	Valid	Description is valid.
<b>Image</b>	Empty	invalid	Please select A image.
	Image uri	Valid	Image is selected and will upload to database.

### ❖ Add Government scheme

<b>Field Test</b>	<b>Test Data</b>	<b>Valid/Invalid</b>	<b>Test Result</b>
<b>Scheme name</b>	Empty	invalid	Please enter name of scheme.
	P.M.K.V. Y.	Valid	Headline is valid.
<b>Link</b>	Empty	invalid	Please enter link.
	www.google.com	Valid	Link is valid.
<b>Description</b>	Empty	invalid	Please enter Description
	this is description	Valid	Description is valid.
<b>Image</b>	Empty	invalid	Please select A image.
	Image uri	Valid	Image is selected and will upload to database.

### ❖ Add Government scheme

<b>Field Test</b>	<b>Test Data</b>	<b>Valid/Invalid</b>	<b>Test Result</b>
<b>Product name</b>	Empty	Invalid	Please enter product name.
	Tractor	valid	Product name is valid
<b>Price</b>	Empty	Invalid	Please enter price.
	Abc123	Invalid	Price may only contain numbers.
	100	valid	Price is valid.



<b>CGST</b>	Empty	Invalid	Please enter cgst rate.
	aa	Invalid	Rate may only contain numbers.
	1a	Invalid	Rate may only contain numbers.
	11	valid	Cgst rate is valid.
<b>SGST</b>	Empty	Invalid	Please enter sgst rate.
	aa	Invalid	Rate may only contain numbers.
	1a	Invalid	Rate may only contain numbers.
	11	valid	sgst rate is valid.
<b>Discount</b>	Empty	Invalid	Please enter discount rate.
	aa	Invalid	Rate may only contain numbers.
	1a	Invalid	Rate may only contain numbers.
	11	valid	discount rate is valid.
<b>Description</b>	Empty	Invalid	Please enter Description
	This is description.	Valid	Description is valid.
<b>Specification</b>	Empty	Invalid	Please enter Specification
	This is description.	Valid	Specification is valid.
<b>Recommendation</b>	Empty	Invalid	Please enter Recommendation

	This is description.	Valid	Recommendation is valid.
<b>Image</b>	Empty	invalid	Please select A image.
	Image uri	Valid	Image is selected and will upload to database.

### ❖ Add Admin

Field Test	Test Data	Valid/Invalid	Test Result
<b>Name</b>	Empty	Invalid	Please enter name.
	Hiren Bhalani	Valid	Name is valid.
<b>Mobile no</b>	Empty	Invalid	Please Enter Phone Number
	7016akash	Invalid	Phone Number field contain only number format.
	70166527	Invalid	Enter valid Phone Number
	7016652775	Valid	Inputted text is valid Number
<b>Password</b>	Empty	Invalid	Please enter password.
	Hiren@7229005896#0000	Valid	Password is valid.

## ❖ Chat

<b>Field Test</b>	<b>Test Data</b>	<b>Valid/Invalid</b>	<b>Test Result</b>
Message	empty	valid	text is not empty however image is compulsory.
	this is message	Valid	Message is valid.
image	Empty	valid	Image is not selected however text is compulsory.
	Image uri	valid	Image is selected and will upload to database.

## ❖ A.i.

<b>Field Test</b>	<b>Test Data</b>	<b>Valid/Invalid</b>	<b>Test Result</b>
<b>query</b>	empty	invalid	please enter some query text.
	this is message	Valid	Message is valid.
<b>image</b>	Empty	valid	Image is not selected however text is compulsory.
	Image uri	valid	Image is selected and will upload to database.

### ❖ EditProfile

<b>Field Test</b>	<b>Test Data</b>	<b>Valid/Invalid</b>	<b>Test Result</b>
<b>Name</b>	Empty	Invalid	Please enter name.
	Hiren Bhalani	Valid	Name is valid.
<b>email</b>	Empty	valid	Email is not a compulsory field.
	Hirenbhalani1910@gmail.com	valid	Email is valid.
<b>Date of birth</b>	Not selected	Valid	Dob is not compulsory field.
	19/10/2024	valid	Date of birth is selected and is valid.
<b>gender</b>	Not selected	valid	Gender is not mandatory field.
	Male/female	valid	Gender is selected and is valid.
<b>state</b>	Not selected	valid	State is not mandatory field.
	Gujrat	valid	State is selected and is valid.
<b>Address</b>	empty	valid	Address is not mandatory field.
	45 apple square surat	valid	Address is valid

## 8. Limitations and Future Scope of Enhancements

### ❖ Limitation

1. Limited Image Upload: Users can upload only one image per post, potentially hindering comprehensive product or activity representation.
2. Language Support: While the UI is available in 12 Indian rural languages, user-generated content remains untranslated, posing a barrier to communication for non-English speakers.
3. Data Security: Concerns exist regarding the handling and protection of sensitive user information, highlighting the need for robust security measures.
4. Payment Options: The application offers only cash on delivery or online payment methods, limiting user convenience and flexibility in completing transactions.
5. Admin Notification System: Notifications for adding new admins are indiscriminately sent to all existing admins, potentially causing information overload.
6. Personalized Data Filtering: The absence of personalized data filtering may lead to information overload and hinder user engagement.
7. E-commerce Store Functionality: The e-commerce store is partially implemented, resulting in limitations such as a restricted product catalog and incomplete order management features.
8. Report Generation for Admin: The application provides limited functionality for generating reports and accessing comprehensive data analytics for administrators.
9. Trust and Security in C-to-C Transactions: Insufficient measures to ensure trust and security in customer-to-customer transactions may deter users from engaging in peer-to-peer transactions.

Enhanced Image Upload: Implement functionality for users to upload multiple images per post, enriching visual content and improving product representation.

## ❖ **Future Enhancements**

1. Expanded Language Support: Introduce automatic translation features for user-generated content to break language barriers and promote inclusivity.
2. Improved Data Security Measures: Strengthen encryption protocols and implement advanced security measures to safeguard user data from unauthorized access.
3. Refined Admin Notification System: Implement a targeted notification system for admin activities to streamline communication and reduce unnecessary notifications.
4. Personalized Data Filtering: Introduce personalized data filtering features to prioritize content based on user preferences and interests, enhancing user engagement.
5. Enhanced E-commerce Store Functionality: Focus on expanding the product catalog, integrating additional payment gateways, and optimizing order management features to enhance the e-commerce experience for users.
6. Advanced Reporting and Analytics Features: Implement customizable reporting tools and analytics features for administrators to gain valuable insights and facilitate data-driven decision-making.
7. Trust and Security Mechanisms in C-to-C Transactions: Enhance trust and security in customer-to-customer transactions by implementing identity verification, user rating systems, secure payment solutions, and dispute resolution mechanisms.

## ❖ References

-  [Krishify](#)
-  [Plantix](#)
-  [Agrostar](#)
-  [Kishanshop](#)