



SZABIST

Final Year Project Report

CONNECT KISSAN

Project Team:

Rajni Bai
(1812130)

30 september, 2022

Project Supervisor

Dr. Irfan Khan Tanoli

Submitted in the partial fulfillment of the requirements for the degree of

Bachelor of Science in Computer Science

in the Faculty of Computing and Engineering Sciences

Declaration of Authorship

I Rajni Bai (1812130), declare that this Final Year Project report “Connect Kissan” and the work presented is our own. We confirm that: This is solely for the purpose of the completion of our bachelor’s degree at Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology. This report has not been submitted to any university before this and where use of external text exists, that has been clearly stated. The source of references has been given where applicable. With the exception of such quoted texts, this report contains text from our own work. Where the report is based on work done by us jointly with others, we have clearly stated who has contributed to what area of the report.

Signed:

Rajni Bai (1812130)

Date: 30 sep, 2022

Project Description

This websites will help Pakistani farmers to make informed decisions through customized information related to their needs, the users can access a variety of information modules including finding dealers agricultural advisory, weather market prices, agriculture information library in the form of text, images and videos , usage of fertilizers and pesticides, and also get information about different crop varieties, different mandi's across Pakistan, prices of machines and information of using machines in proper way , and also will help the dealers of pesticides and machine vendors for their sales and records of clients.

Acknowledgement

In the name of ALLAH, the most beneficent and merciful, who gave us the knowledge and courage to work on this project.

First of all, I am very grateful for the result and success of this project over the year are gratitude towards the people who have provided us with the guidance and assistance to be able to complete this project in such a difficult time.

Secondly, I would like to thank our supervisor “Dr. Irfan Khan Tanoli” of the Computer Science faculty at Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology. The door to his office was always opened for us whenever we got into a trouble or had any question regarding our project. He was integral part in the project as he was always there when we would get stuck at a point in our project.

Thirdly, I would like to thank to the all-other teachers at Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology, who taught us and guided us throughout our time in the university. I would also like to express our gratitude to our parents and family members who helped and encouraged us during this time.

At the end, I would like to extend our gratitude and thank to every member of Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology for creating a friendly working environment for students to thrive in. The quality of education, the cooperative faculty members and the motivation provided by them

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Project Proposal

1. Introduction

We aim to design a website named "CONNECT KISSAN." This website will allow the users to find nearby dealers of pesticides/machine, so that they can find authorized dealers and avoid the unauthorized dealers. The user can take advice from the agriculture advisory, so they can get support from the advisors and resolve the problems. And in this website there is a weather forecast so that the users can get in touch with weather of current day and next five days. And also users can get knowledge of agricultural resources from agricultural information library, users can get information about the best products and the way to use these products, with these users can find best machines and get to know the way to use these machines, In these websites the pesticide and machine dealer can make their personal account to secure the records of stocks and clients, and in this website field officer also can make account to keep records of visited fields and their daily target commission update, and sales officer can also make account to keep records of orders and complaints from customers.

And In our website there is a landlord account with this user can request to visit of field officer for their fields and keep the record of their investment on their fields, and in marketing department there are records of bills, records of field officer and sales officer and also get complaints from the landlord about the pesticides / machines.

2. Objective

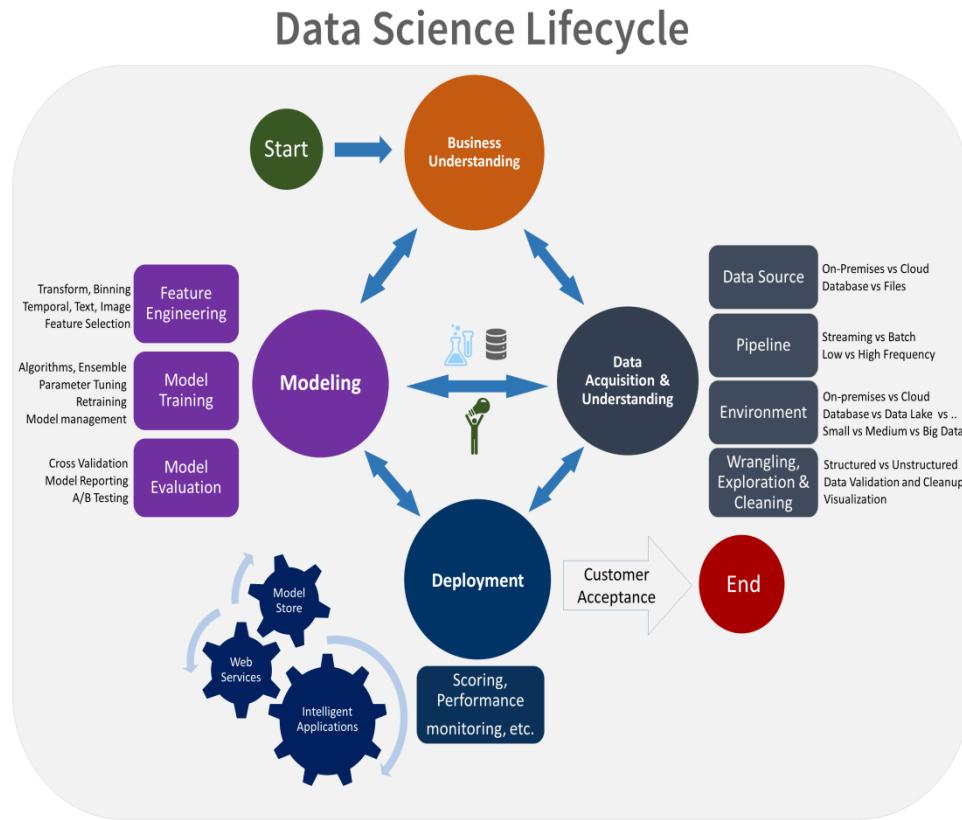
- To research previous websites/apps developed on this domain
- To find defects and limitation in those websites/ apps
- To design this website for the people so that they can receive updates about specific crops, mandi's, machines, and dealer. Users can take advices from the agriculture department for their fields, users are in touch with field officer and sales officer, also detect the weather, and can also know the daily basis market prices.

3. Problem Description

Our aim is to develop a website for solving the current agricultural issues between farmer, landlord, pesticides vendor, machine vendor. However, the current problem is that many users faces is that farmer faces fields issues, machine issues like which type of machine they should buy for their field and how to use these machines, and also many users does not know different varieties for their fields, and most of time users faces many of fraud and pay commissions to brokers, and somehow user does not know many quantities of product to use in their fields, and some time they are unknown of market prices for their product, landlord does not know all the mandi's across the Pakistan, and he is also unaware of that which crop is highly in demand in which mandi, So what we provide is an internet platform where any farmer can solve their field issues by agricultural advisors and agricultural information library, landlord can easily buy and type of machine by using our website, and also he can get details of machine usage, through agricultural library user can easily determine that which variety of product is good for their crop, through dealer near me user can easily find authorized licensed dealer and can easily avoid the fraud, by using our feature market prices user can easily save commission from broker and directly sell their product, and by using pesticides and fertilizers feature user can easily find the best product and use it in a correctway.

4. Methodology

We are creating a website by using HTML, NodeJS, CSS, and MongoDB database. Our aim is to make ease for kisan, landlord and other users, we are using data science for best search of product, we are following this method.



5. Project Scope

The scope of this project is to develop a website which will help user to find many authorized dealers of pesticides and machines, the use of this website will allow its users to interact with each other and solve each other's problems. Other than that the user can also make his/her personal account for their records. There would be a weather forecast feature where a user can easily know about the weather of current day and next five days. And also this option shows the details of seasons.

6. Feasibility Study

In our final year project, there are some risks but which our company would manage as follows:

Risks Involved: For this website, user must have his mobile with him and access to internet connection so that they can use the website any time

Resource Requirement:

- Smartphone/laptop/ desktop
- Internet connection

7. Solution Application Areas

We are targeting landlords and farmers for their benefits in their business and production growth and to aware them from fraud. Our website user can get knowledge of best machines and best fertilizer or pesticide's product for their usage, and user can get information of agricultural department for their related query.

8. Tools/Technology

Software Tools: VS Code, MongoDB Database, NodeJS, HTML, CSS.

Hardware Tools: Internet Connectivity.

9. Expertise of the Team Members

I Rajni bai individually working in this Project and My project advisor sir Irfan Khan Tanoli. We both are pre-equipped with the level of knowledge required for the completion of the project. I Rajni Bai have expert knowledge of database creation, web development and documentation. Along with that both are enthusiastic to deliver good product on web development as well. Sir Irfan Khan Tanoli is specialized in data science, web development and software engineering. This combination of team members with different areas of expertise would help to produce a different product with a unique idea of output.

10. Milestones

There are some milestones which we are going to make in our application:

- Select plate form and requirements.
- Design ERD, Gantt chart, use cases, SRS, SDS, and Test Cases.
- Create and website for different users and dealers to make the website to allow them to connect with the peers.
- Proposal submission
- Analysis
- Gather requirement
- Finalize requirement
- Design
- UML
- Database
- Find nearby dealers
- Get advice from agricultural department
- Check weather
- Use library for agricultural help
- Check market prices of crops issued by government
- Find the best fertilizers and pesticides for your field
- Find machines for farming purpose and get details of machines
- Account management
- Create prototype
- Coding
- An admin panel
- Test features
- Deployment
- Install features
- Review of satisfied users
- Text, videos, available for user of new or past researches on agriculture

11. Project Schedule

12. Work Breakdown Structure

In FYP1 I am working on documentation After that we work on Account Management, Weather and all users Dashboard.

In FYP2 I am working on the core part that is Coding of the features on VS CODE and final Part was Test all the Features.

13. References

- work towards the empowerment of farmers and the development of villages
- IFFCO Kisan Agriculture
- RML Farmer- Krishi Mitr
- Agri App
- Crop Insurance
- Kheti-Badi
- Agri-Market.

Software Requirements Specification

For

“CONNECT KISSAN”

Version 1.0 approved

Supervisor: Dr Irfan Khan Tanoli

**Prepared by
Rajni Bai 1812130**

SZABIST

30/09/2022

1. Introduction

1.1 Purpose

The purpose of this software requirement specification document is to provide a detailed account of our website named “Connect Kisan” the document represents the scope of the project and consists of functional and non-functional requirements of the website that gives the user an configuration of the whole website for a better understanding. For even that clear picture use cases are defined that defines user interaction with the website. Specifically the propose to create this document is that to provide information of our product to the reader and provide a summary of our project. And it also provides the list of all the features and their functionalities, it serves the best summary for a user. This document can help the user portray the whole website.

1.2 Document Conventions

Text	Font	Font Size	Font Type
Front Page Title	Times	32	Bold
Front Page other details	Times	14	Bold
Main Headings	Times	18	Bold
Sub Headings	Times	14	Bold
Paragraph	Times	12	Normal

1.3 Intended Audience and Reading Suggestions

This document is intended to be read by Agricultural places owners and website users. This document is particularly planned for the users of the website for the understanding of the project.

1.4 Product Scope

The scope of this project is to develop on website which will help user to find many authorized dealers of pesticides and machines, the use of this website will allow its users to interact with each other and solve each other's problems. Other than that the user can also make his/her personal account for their records. There would be a weather forecast features where a user can easily know about the weather of current day and next five days. And also this option shows the details of seasons.

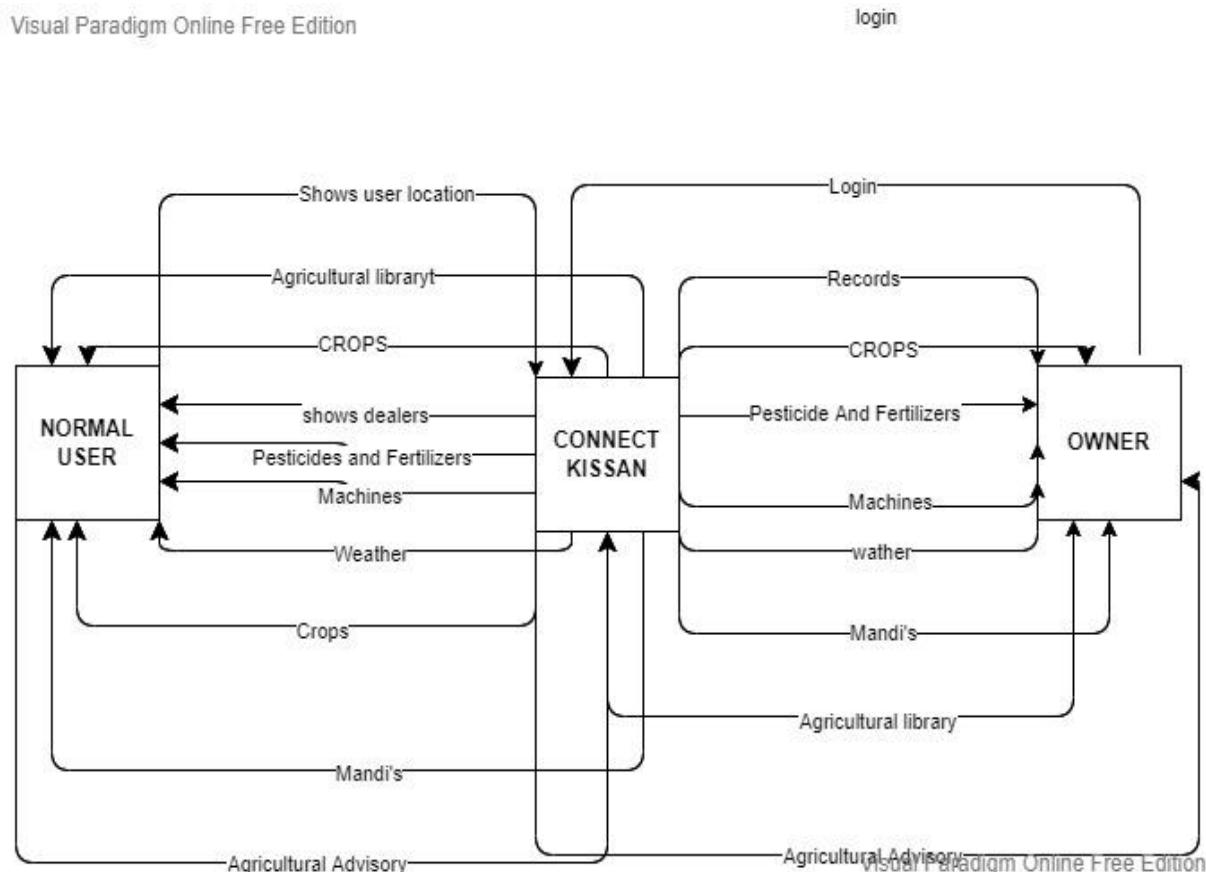
1.5 References

- Kisan Suvidha: It was launched by the PM Narendra Modi in 2016 to work towards the empowerment of farmers and the development of villages.
- IFFCO Kisan Agriculture
- RML Farmer- Krishi Mitr
- Agri App
- Kheti-Badi.

2. Overall Description

2.1 Product Perspective

This website is basically developed to help users to solve the agricultural problems that are related to farming, through the websites users can get a solution to their problems where website owners will share the details regarding the farming. A diagram that represents major components of the overall website is given as follows:



2.2 Product Function

Following are the main features of our website:

- Account management
- Dealer near me
- Weather Forecast
- Agricultural Library
- Agricultural Advisory
- Market prices of Crops
- Machines
- Pesticides and fertilizers
- Deployment of data science

2.3 User Classes and Characteristics

There will be two types of users

- Agricultural places owners
- Websites users

The agricultural places owners will be able to make an account and provide the data and all the information related to farming on the website. And website users will be able to use all those features

2.4 Operating Environment

SOFTWARE PREFERENCE: Requires are smart phones and internet connection.

HARDWARE PREFERENCE: Can be accessed via smart phone or tablet.

2.5 Design and Implementation Constraints

The users are allowed to find a nearby agricultural places for their farming techniques. To which they can click and get details about it. The agricultural owners of those places manages the details of the farming so that the users can stay update and follow the agricultural techniques.

2.6 User Documentation

The website is self- explanatory, therefore there is no need of a user manual. However, the user can check about of the website for any queries.

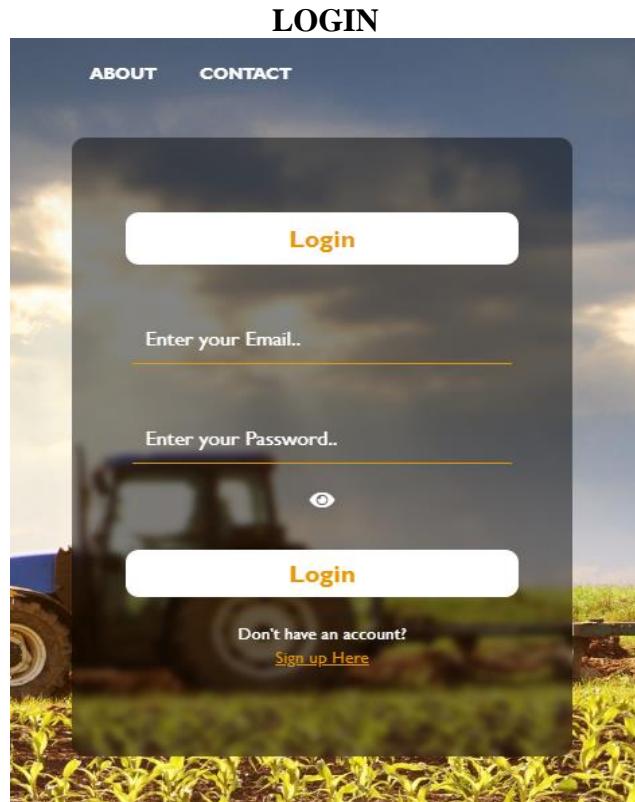
2.7 Assumption and Dependencies

Proper working of this project is dependent on the internet connectivity and some points are given below:

- User must have an active internet connection and smart phones to access the website.
- Users must enter valid details.
- Location service must be on in order to show nearby dealers.

3. External Interface Requirements

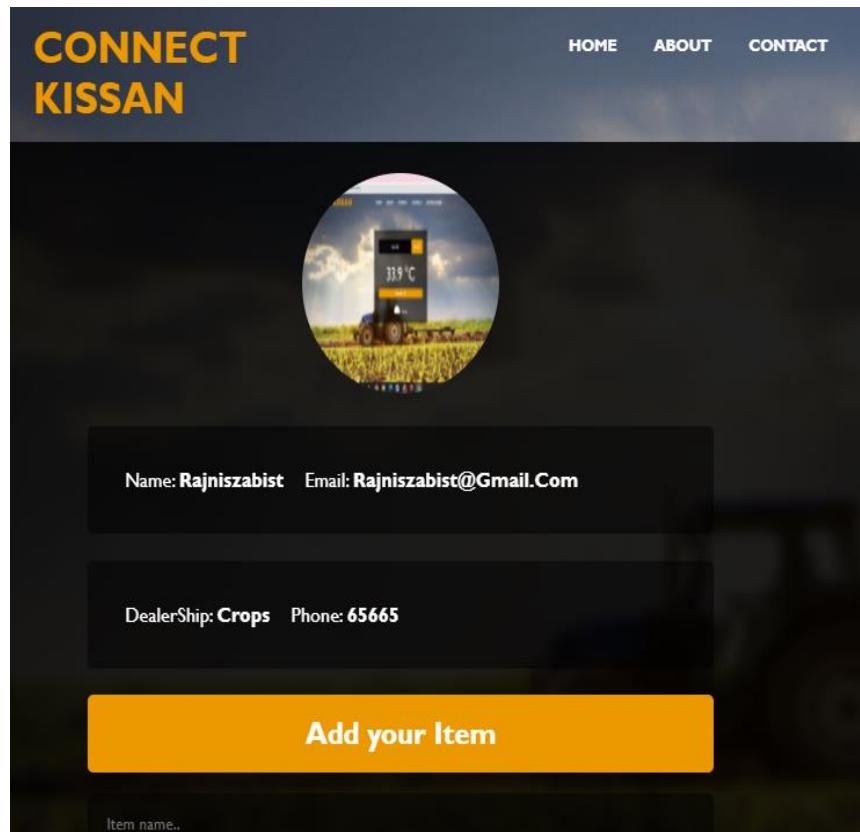
3.1 User Interfaces



Registration

A mobile-style registration screen. It starts with a "Full Name.." input field. Below it is an "Enter Dealership.." input field. Then comes an "Enter your Email.." input field. Following that is a "Phone Number.." input field. Next is an "Enter your Password.." input field. Below these is a file selection area with "Choose File" and "No file chosen". At the bottom is a large orange "Sign Up" button. At the very bottom, it says "Already a User? [Login Here](#)". The background shows a tractor in a field.

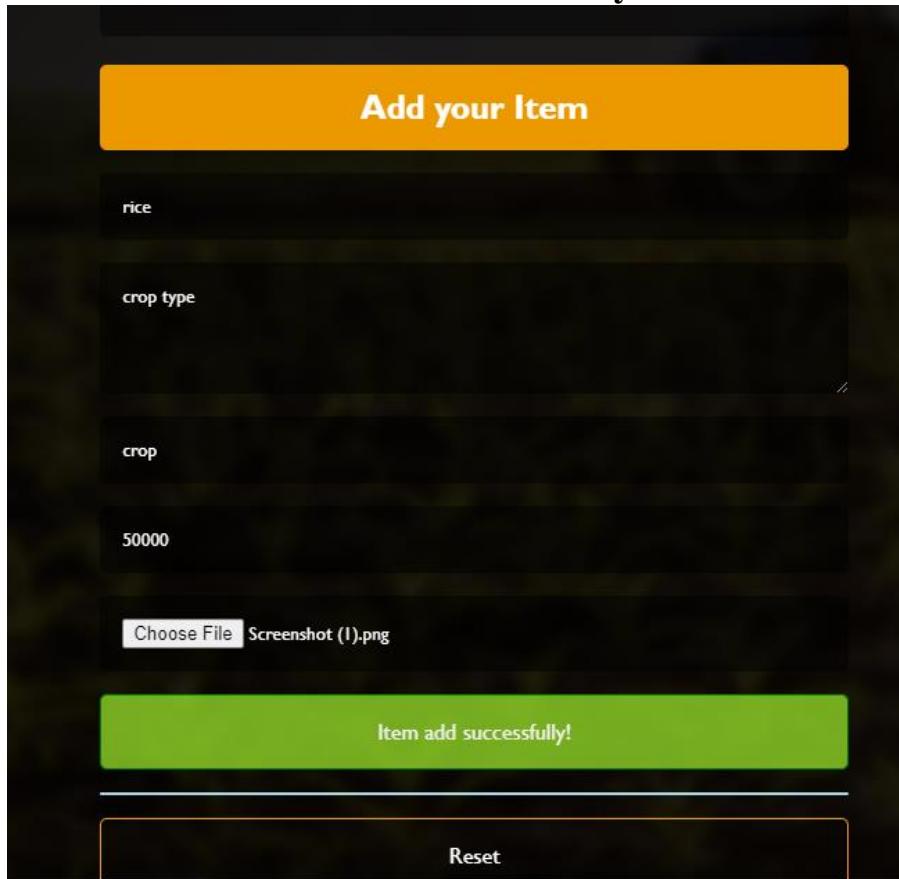
Account Management



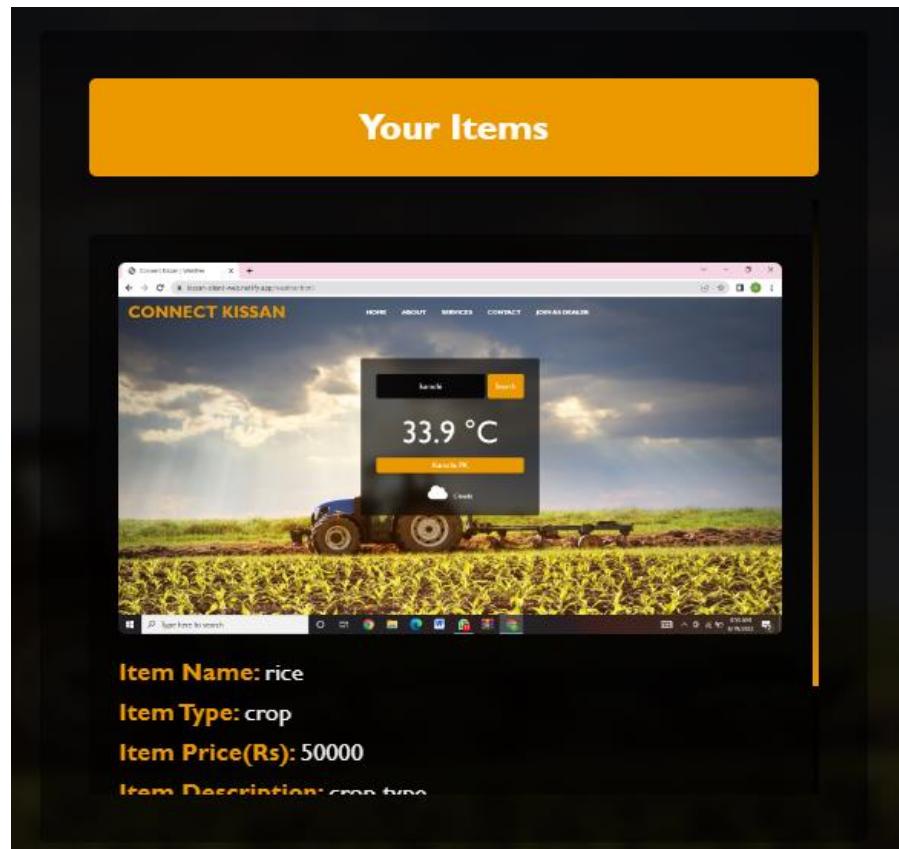
Add items

This screenshot shows the 'Add items' form within the app. The form consists of several input fields and buttons. At the top is a yellow button labeled 'Add your Item'. Below it is a text input field containing the word 'rice'. The next section is labeled 'crop type' with a dropdown menu showing 'Maize' as the selected option. The following section is labeled 'crop' with a dropdown menu showing 'Wheat' as the selected option. The next section is labeled '50000' with a dropdown menu showing '50000' as the selected option. Below these fields is a file upload section with a 'Choose File' button and a file name 'Screenshot (1).png'. A teal button below the file upload section says 'Click again to confirm'. At the bottom of the form is a 'Reset' button and a large yellow 'Add Item' button.

Item Add Successfully



Your Item



3.2 Hardware Interfaces

Since the tool has no designed hardware and it can access on any smart phone, it does not have any direct interface. Although for optimal performance and faster results the user is required a high speed internet connection.

3.3 Software Interfaces

Following are the software interfaces used in our website:
VS code, MongoDB, Google map API.

3.4 Communication Interfaces

The communication between different parts of the website is important since they depend on each other. However the important communication in this website is between mobile based interface used by agricultural places owners and normal users to communicate with the website, further more email and location are used.

4. System Features

4.1: Account Management

1. Account Management(create account)		
Use case Id:	1: Account Management	
Actors: Admin, Users and Agricultural place owners.		
Feature: Account Management		
Pre-condition:	Actors must have an internet connection to access the website.	
Scenarios		
Step#	Action	Software Reaction

1. Actor enters Username, email, account type, and password	System verifies the information
2. Click 'login'	Displays Login page.
Alternate Scenarios:	
If whole data is invalid then "Authentication failed." message is displayed.	
If username/email is vacant then "username/email required" message is displayed on the page.	
If Email is vacant then "Email required" message is displayed on the page.	
If Password is vacant then "Password required" message is displayed on the page.	
Post Conditions	

Description	
Display Login	
Use Case Cross referenced	N/A

1. Account Management(Login)		
Use case Id:		1: Account Management(Login)
Actors: Admin, Users and Agricultural places owners.		
Feature: Account Management(Login)		
Pre-condition:	Actors must have valid username and password.	
Scenarios		
Step#	Action	Software Reaction
	1. Actor enters Email, and	website verifies the Email and password
	password	
	2. Click ‘Login’	Displays Main page.

Alternate Scenarios:
1. If Email and password is invalid then “Login failed ” message is displayed on the page.
2. If Email is invalid then “incorrect Email” message is displayed on the page.
3. If Password is invalid then “incorrect Password” message is displayed on the page.
4. If Email and password are vacant then “Email and password are required” message is Displayed on the page.

Post Conditions	
Step#	
1	
Display Main page	
Use Case Cross referenced	N/A

4.2. Dealer near me:

2. Find a nearby dealer according to user area	
Use case Id:	2: Find a nearby dealer according to user area
Actors: Users	

Feature: Find a nearby dealer according to user area

Pre-condition:	Location of the mobile must be turned on.
-----------------------	---

Scenarios

Step#	Action	Software Reaction
	Search the nearby dealer	Website show the near by dealer

Alternate Scenarios:

1: if location is not turned on then website will not show near by dealer.

Post Conditions

Step#	Description
1	Display nearby dealer
Use Case Cross referenced	N/A

4.3. Weather Forecast:

3. Find details of temperature for current day and next five days.

Use case Id:	3: Find the temperature
---------------------	-------------------------

Actors: Users

Feature: Find the temperature for current day and next five days

Pre-condition:	Location of the mobile must be turned on.
-----------------------	---

Scenarios

Step#	Action	Software Reaction
	Search for temperature according to area	Website show the temperature according to area

Alternate Scenarios:

1: if location is not turned on then website will not show the temperature of any area.

Post Conditions

Step#	Description
1	Display temperature according to area.
Use Case Cross referenced	N/A

4.4. Agricultural library:

4. show information regarding crops problem.	
Use case Id:	4 :show information regarding crops problem:
Actors: Users	
Feature: show information regarding crops problem	
Pre-condition:	User must know about the current situation of crops.
Scenarios	

Step#	Action	Software Reaction
	Search the crops problem	Website show the solution regarding the crops problem

Alternate Scenarios:

1: if user doesn't know the current situation of crop so he won't be able to get search result properly.

Post Conditions

Step#	Description
1	Display solution regarding crops problem
Use Case Cross referenced	N/A

4.5. Agricultural Advisory:

5. give advices related to the problem.	
Use case Id:	5 :give advices related to the problem:
Actors: Users	

Feature:	give advices related to the problem.
Pre-condition:	Advisors must be aware of all kind of crops .
Scenarios	

Step#	Action	Software Reaction
	Ask for advice related crops	Advisors gave advice to their problems.

Alternate Scenarios:

1: if advisors are not aware of all kind of crops so they won't able to give proper advice to the users.

Post Conditions

Step#	Description
1	Get advice from advisors.
Use Case Cross referenced	N/A

4.6. Market prices of crops:

6. show latest prices of crops.

Use case Id:	6 :show crops latest prices:
---------------------	------------------------------

Actors: Users

Feature: show latest prices.

Pre-condition:	Must have active internet connection .
-----------------------	--

Scenarios

Step#	Action	Software Reaction
	Find crops prices	Website show latest prices of crops.

Alternate Scenarios:

1: if they are not aware of crops so they wouldn't search proper price for any crops.

Post Conditions

Step#	Description
1	Find latest crop prices.
Use Case Cross referenced	N/A

4.7. Machines:

7. show machines their latest prices and way to use it.

Use case Id:	8 :show machines their latest prices and way to use:
---------------------	--

Actors: Users

Feature: show machine their latest prices and way to use it.	
Pre-condition:	Users must have active internet connection.
Scenarios	

Step#	Action	Software Reaction
	Search for machine	Website show machine their prices and way to use it.

Alternate Scenarios:

1.if user doesn't use the website properly so they won't easily know about machines.

Post Conditions

Step#	Description
1	Show machines their latest prices and way to use it.
Use Case Cross referenced	N/A

4.8. Pesticides and Fertilizers:

8. show best product in best prices.	
Use case Id:	8 :show best product in best prices:
Actors: Users	
Feature:	show best product in best prices.
Pre-condition:	Users must have overview about the crops so they can choose best one in between two products.
Scenarios	

Step#	Action	Software Reaction
	Search for crops and fertilizers	Website show best product in best prices.

Alternate Scenarios:

1.if user don't have any overview about crops and fertilizers so they can choose best one in between of two products.

Post Conditions	
Step#	Description
1	Show best product in best prices.
Use Case Cross referenced	N/A

5. Other Nonfunctional Requirements

5.1 Performance Requirements

N/A

5.2 Safety Requirements

It's a good thing that the user is getting information about agricultural problems by using our website features. But the issue is to notify that how many users visit our website so for that we'll handle it through getting their mobile number and names for using our website.

5.3 Security Requirements

The user's and agricultural places information must be secured to avoid data loss and invasion of privacy.

5.4 Software Quality Attributes

website Quality Assurance is necessary for any system as it is a set of activities for ensuring quality (that ultimately result in quality in software products). In our system additional quality characteristics for the website will be important to the user and developers both:

- Correctness: The website designed should work properly and contain minimal error so is also bug free. Correctness can be achieved through systematically testing.
- Maintainability: The website is designed in a way that any maintenance or repair issues can be performed by the developer with ease. The coding in the website is in a structured way that will allow developers to maintain or change or repair the code in future with ease.
- Usability: The website is designed in a simple way that is user-friendly so the user won't face any kind of difficult to find its functions and features.
- Reliability: The website provides a secure and integrated communication system that connects the app users and agricultural place owners, on a single platform.
- Testability: The testability is to an extent that is necessary for the website to work properly as its requirements are clearly stated and the test cases can easily be defined so testing can easily be done on the tool.

5.5 Business Rules

The website that we are going to make can be accessed by any normal users and agricultural place owners. Who want to find nearby authorized dealers, crops varieties and prices, machines updates, and stay connected to their new updates related to farming. there aren't any sort of business rules other than Protection of copyrights.

System Design Specification

For

“CONNECT KISSAN”

Supervisor: Dr Irfan Khan Tanoli

Rajni Bai (1812130)

Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology

30.09.2022

1:Introduction

1.1 Purpose of this document

The Software Design Specification (SDS) document usually will have two major releases:

Version 1 focuses on specifying a high-level view of the architecture and components of our website

Version 2 focuses on detailing a low-level view of the architecture and components of our website and how the components interact with each other.

This is Version 1, and so you will find only high-level view such as brief descriptions of the architecture and components on which the website will work. The purpose of this document is mainly to break down the product into components and to describe in the detail what the purpose of each component is and how it will be implemented.

1.2 Scope of the development project

The scope of the project is to develop an website which will provide agricultural scholars and users to interact with each other, communicate with each other and help overcome agricultural problems. The use of this website will allow its users to interact with each other by creating a community-based internet forum and solve each other's problems. Other than that, the user can also get details about a specific agricultural place and find a route to reach the place.

1.3 Definitions, acronyms, and abbreviations

TERMS	DESCRIPTION
API	Application Programming Interface
ERD	Entity Relationship Diagram
NO SQL	No Structured query language
SDS	Software Design Specification
SRS	Software Requirement Specification
UI	User Interface

1.4 References

- Kisan Suvidha: It was launched by the PM Narendra Modi in 2016 to work towards the empowerment of farmers and the development of villages.
- IFFCO Kisan Agriculture
- RML Farmer- Krishi Mitr
- Agri App
- Kheti-Bad

1.5 Overview of document

This System Design specification document contains the following information:

Section 1.0: An introduction to the document by explaining the purpose of the document, the scope providing terms and references, and a brief overview of each section within the document.

Section 2.0: An overview of the website architecture, website components and modules, relationships between the various components, and user interface issues without any technical details.

Section 3.0: A detailed description of each website component used in our product

Section 4.0: An explanation of the reusability of existing products and relationships within the product.

Section 5.0: A listing of the design decisions and tradeoffs made during the design phase. This section will help readers and users understand the reasoning for these decisions.

Section 6.0: Pseudo code implementation for the different algorithms used in the creation of neural networks and in its training and simulation.

Section 7.0: It contains an appendix.

2: System architecture description

This section provides an overview and rationale for the program's data and architectural design decisions.

2.1 Section Overview

This section describes the constraints and usability of the website. Data design are used to explain the major features of the website. It describes the complete structure of the website and detail description of each individual features. It also describes the architecture design with major components of the website.

2.2 General Constraints

The main thing which is to be kept in mind is to provide flow in the performance of the website. The website will be easy to understand, easy to use, responsive, secure and the most important it will be so simple so that the user can use it smoothly. The website does need a smartphone in order to access and use some features and a proper internet connection is required to make it work fast and effectively. The project is flexible and can modify any part of the project. This website will work on platform. There is no more external website which is connected to this website directly or indirectly. Google map is used for showing nearby places in user area.

Hardware Interface

Since the tool has no designated hardware and it can run on any smart phone it does not have any direct hardware interface. Although for optimal performance and faster results the user is required to use a high-speed internet

Software Interface

The software interfaces that are used in the tool are as follows:

Visual studio:

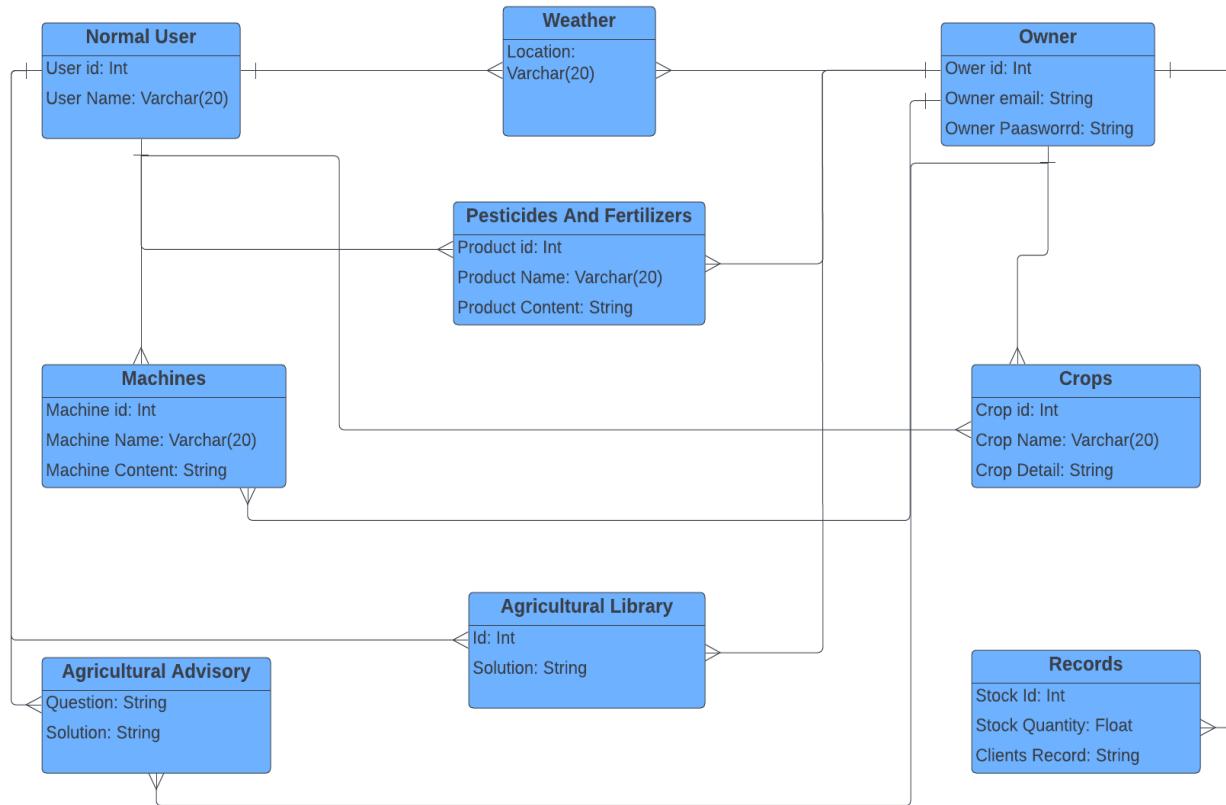
Microsoft Visual Studio is an IDE made by Microsoft and used for different types of software development such as computer programs, websites, web apps, web services, and mobile apps. It contains completion tools, compilers, and other features to facilitate the software development process.

MongoDB:

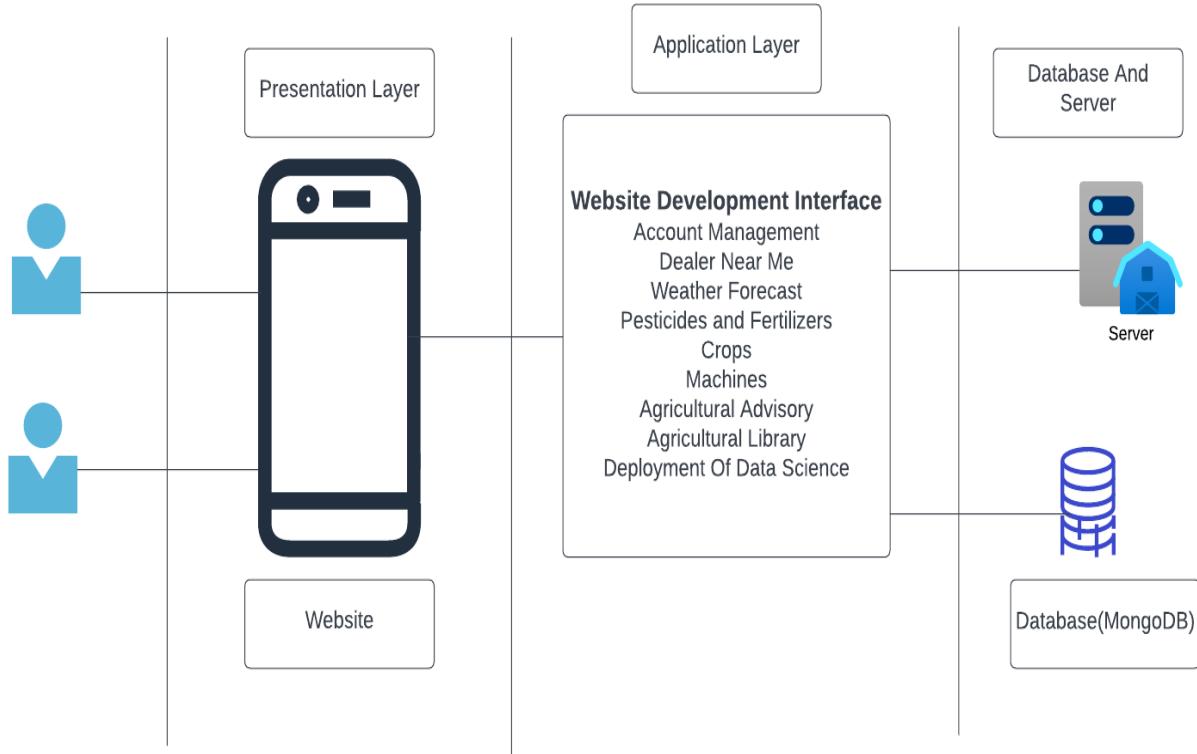
MongoDB is a document database used to build highly available and scalable internet applications. With its flexible schema approach, it's popular with development teams using agile methodologies.

2.3 Data Design

We are using MongoDB as our database for the project, which required internet connection to fetch and store data. Google map is used for showing nearby dealers in user area.



2.4 Program Structure



2.5 Alternatives Considered

Connect kissan is a multiuser user and website.

The website is further divided into different subparts which are

1. Normal People
2. Religious Place Owner
3. Location

These three components have their own functionalities. All the data of this software is fetched from and stored to database which is mongoDB which requires a strong internet connection

3: Detailed description of components

3.1. Section Overview

This section describes the complete description of all components in detailed view with their function's dependencies, their relationships with other components. It describes the interface of each component with input and output requirements

3.2 Component of finding near by dealers

A structured description usually works. For example, if your components are classes you may wish to include the following subsections.

3.2.1 Description

Finding a nearby dealer for user is one of the main feature of our app, because it will help the users find

near by dealer according to its requirements with ease.

3.2.2 Data Members

- **Include type:** Near by dealer contains the list of near by dealer available, by clicking on them it will show details.
- **Visibility:** Based on the information owner has provided the nearby dealer will be added and the normal user can see them and check out the details about it
- **Description:** owner can edit their details, add or manage photos , location and extra details for the user to know.

3.2.2 Methods

Dealers details and user details are been collected and send to the server to get and store data from database

Identification	The nearby dealer feature is been used by both normal users and agricultural place owner.
Type	Views for the nearby dealer creation page is used by the owner on the website to add their details and view and edit their listed details.
Purpose	This Component is used to create a nearby dealer and suggest users according to their area based on their location. database and Google map API is required to fetch and store all complete details of nearby dealer and display on map.
Function	This Component is used to create a nearby dealer and suggest users according to their area based on their location. database and Google map API is required to fetch and store all complete details of nearby dealers and display on map. This component is very easy to use user interface.
Subordinates	Owner Id and dealer Id is used to differentiate between the different creators.
Dependencies	This component depends on the owner provided details and further used in different ways in the website. Normal User can use this component on the website.
Interfaces	The user interface of this feature is situated in the main website page. database and queries are used to connect the interfaces. And the code which is running on back-end implements sessions which means user session will maintain automatically and user can view data according to the user id.
Resources	Database access and External APIs permissions is required to run this component.
Processing	New dealer details will be added, nearby dealers will be suggested and details will be shown
Data	This component will store dealer data and details data in database.

Component of get details about weather forecast

Description:

Get detail about weather forecast is the feature in our website to help the users to know about weather for current and next five days for their crops.

Data Members:

- **Include type:** weather forecast contains the information of current weather and next five days weather, by clicking on them it will show details.
- **Visibility:** Based on the information owner has provided the weather forecast will be added and the normal user can see them and check out the details of the weather
- **Description:** owner can edit their details, add or manage photos , location and extra details for the user to know.

Methods

Weather details and user details are been collected and send to the server to get and store data from database.

Identification	The weather forecast feature is been used by both normal users and agricultural place owner.
Type	Views for the weather forecast creation page is used by the owner on the website to add their details and view and edit their listed details.
Purpose	This Component is used to create a weather forecast and suggest users according to their area based on their location. database and Google map API is required to fetch and store all complete details of weather and display on map.
Function	This Component is used to create a weather forecast and suggest users about the weather for current and next five days according to their area based on their location. database and google map API is required to fetch and store all complete details of weather and display on map. This component is very easy to use user interface.
Subordinates	Place Id, location and user location is used to differentiate between the different source and destination
Dependencies	This component depends on the owner provided details and further used in different ways in the website. Normal User can use this component on the website.
Interfaces	The user interface of this feature is situated in the website. database and queries are used to connect the interfaces. And the code which is running on back-end implements sessions which means user session will maintain automatically and user can view data according to the user id and location.
Resources	Database access and External APIs permissions is required to run this component.
Processing	Weather details add and shown according to the locations
Data	This component will store weather locations and user details data in database.

Component to get information from Agricultural library

Description:

Agricultural library is the feature in our website to help the users to get information for their problems regarding crops.

Data Members:

- **Include type:** Agricultural library contains the information about the crops, clicking on them it will show details.
- **Visibility:** user can find the details regarding agriculture .
- **Description:** show the crops detail that user want to know .

Methods

Crops details and user details are been collected and send to the server to get and store data from database.

Identification	The agricultural library feature is been used by both normal users and agricultural place owner.
Type	Views for the agricultural library creation page is used by the owner on the website to add their details and view and edit their listed details.
Purpose	This Component is used to create a agricultural library for the user help to their problems regarding crops. database and Google map API is required to fetch and store all complete details of agricultural library .
Function	This Component is used to create a agricultural library for the user help to their problems regarding crops. database and Google map API is required to fetch and store all complete details of agricultural library .This component is very easy to use user interface.
Subordinates	User id ,owner id used to differentiate the data.
Dependencies	This component depends on the owner provided details and further used in different ways in the website. Normal User can use this component on the website.
Interfaces	The user interface of this feature is situated in the website page. database and queries are used to connect the interfaces. And the code which is running on back-end implements sessions which means user session will maintain automatically and user can view data according to the user id.
Resources	Database access and External APIs permissions is required to run this component.
Processing	New crops details will be added, best solution will be suggested and details will be shown
Data	This component will store crops details data in database.

Component to know agricultural advisory

Description:

Agricultural advisory is the feature in our website to help the users to ask for solution for their problems regarding agriculture.

Data Members:

- **Include type:** Agricultural advisory gave the advice about the crops, clicking on them user can get advice for their problems.
- **Visibility:** user can ask for solution to their agriculture and get advices for the crops
- **Description:** get advice what is best for their crops by advisors.

Methods

crops details and user details are been collected and send to the server to get and store data from database.

Identification	The agricultural advisory feature is been used by both normal users and agricultural place owner.
Type	Views for the agricultural advisory creation page is used by the owner on the website to manage the crops details and view and edit their listed details.
Purpose	This Component is used to create a agricultural advisory and gave the best suggestion to the users for their problems. database and google map API is required to fetch and store all complete details of crops and advisors and display on map.
Function	This Component is used to create a agricultural advisory and gave the best suggestion to the users for their problems. database and google map API is required to fetch and store all complete details of crops and advisors and display on map. This component is very easy to use user interface.
Subordinates	Owner id , advisor id and user id are used to differentiate between the details.
Dependencies	This component depends on the owner provided details and further used in different ways in the website. Normal User can use this component on the website.
Interfaces	The user interface of this feature is situated in the website page. database and queries are used to connect the interfaces. And the code which is running on back-end implements sessions which means user session will maintain automatically and user can get data according to the user id.
Resources	Database access and External APIs permissions is required to run this component.
Processing	Get advices and also get the details to their crops
Data	This component will store advisors and crops data and details data in database.

Component to show market prices of crops

Description:

Market prices of crops is the feature in our website through this users can know current prices of in all mandi's and also updated prices of crops

Data Members:

- **Include type:** Through this features users can get know about current and updated prices of crops across all mandi's
- **Visibility:** In this user can check different prices of the different areas
- **Description:** show the different prices of the crops

Methods

Different crops prices are been collected and send to the server to get and store data from database.

Identification	The market price of crop feature is been used by both normal users and agricultural place owner.
Type	Views for market price of crop in our is for to update the crops different prices across all mandi's
Purpose	This Component is used to create a market price of crops through which user can updated the prices of crops . database and Google map API is required to fetch and store all complete price details of crops .
Function	This Component is used to create a market price of crops through which user can updated the prices of crops . database and Google map API is required to fetch and store all complete price details of crops. This component is very easy to use user interface.
Subordinates	Crops id is used to differentiate between the prices.
Dependencies	This component depends on the owner provided details and further used in different ways in the website. Normal User can use this component on the website.
Interfaces	The user interface of this feature is situated in the website page. database and queries are used to connect the interfaces. And the code which is running on back-end implements sessions which means user session will maintain automatically and user can get data according to the user id.
Resources	Database access and External APIs permissions is required to run this component.
Processing	Get know about the different prices of crops.
Data	This component will store crops data and details data in database.

Component to know about machines

Description:

Machines is the feature in our website through this users can know about different machines their usage for crops.

Data Members:

- **Include type:** Through this feature user can know about different types of machines and their usage for crops.
- **Visibility:** Users know about machines and their usage.
- **Description:** Shows different types of machines

Method

Different machines varieties for crops are been collected and send to the server to get and store data from database

Identification	The machine feature is been used by both normal users and agricultural place owner.
Type	Views for machines is to update the machines different varieties
Purpose	This Component is used to create a machine feature through which user can updated the different types of machines . database and Google map API is required to fetch and store all complete varieties details of machines .
Function	This Component is used to create a machine feature through which user can updated the different types of machines . database and Google map API is required to fetch and store all complete varieties details of machines . This component is very easy to use user interface.
Subordinates	Machine id is used to differentiate between the machine type
Dependencies	This component depends on the owner provided details and further used in different ways in the website. Normal User can use this component on the website.
Interfaces	The user interface of this feature is situated in the website page. database and queries are used to connect the interfaces. And the code which is running on back-end implements sessions which means user session will maintain automatically and user can get data according to the machine id.
Resources	Database access and External APIs permissions is required to run this component.
Processing	Get know about the different varieties of machines.
Data	This component will store machine data and details data in database.

Component to get details about pesticides and fertilizers

Description:

Pesticides and fertilizers is the feature in our website through this users can know about the best product for their crop.

Data Members:

- **Include type:** Through this feature user can know about the difference between good and bad product for their crop.
- **Visibility:** user can differentiate about the best product
- **Description:** show the best product of pesticides and fertilizers.

Method

Best product of fertilizer and pesticide for crops are been collected and send to the server to get and store data from database

Identification	The pesticide and fertilizer feature is been used by both normal users and agricultural place owner.
Type	Views for best product of fertilizers and pesticides for their crops.
Purpose	This Component is used to create a fertilizer and pesticide feature through which user can updated the different types of product and which product is good for their crop . database and Google map API is required to fetch and store all complete varieties details of pesticide and fertilizer .
Function	This Component is used to create a fertilizer and pesticide feature through which user can updated the different types of product and which product is good for their crop . database and Google map API is required to fetch and store all complete varieties details of pesticide and fertilizer .This component is very easy to use user interface.
Subordinates	product id is used to differentiate between the product varieties.
Dependencies	This component depends on the owner provided details and further used in different ways in the website. Normal User can use this component on the website.
Interfaces	The user interface of this feature is situated in the website page. database and queries are used to connect the interfaces. And the code which is running on back-end implements sessions which means user session will maintain automatically and user can get data according to the product id.
Resources	Database access and External APIs permissions is required to run this component.
Processing	Get know about the different varieties of products.
Data	This component will store products data and details data in database.

4: User Interface Design

4.1 Section Overview

This section provides a view into the set of standards which we have made use of to build a User friendly connect kissan website. They have been applied in the best possible way to make the interface appear pleasing to the user and not seem too difficult to understand at the same time.

4.2 Interface Design Rules

website layout designing is used to design all mobile based interfaces. Custom xml drawables, icons and colors are used to design all screens. There is no specific standard followed for designing this website. Users should always be informed of system operations with easy to understand and highly visible status displayed on the screen within a

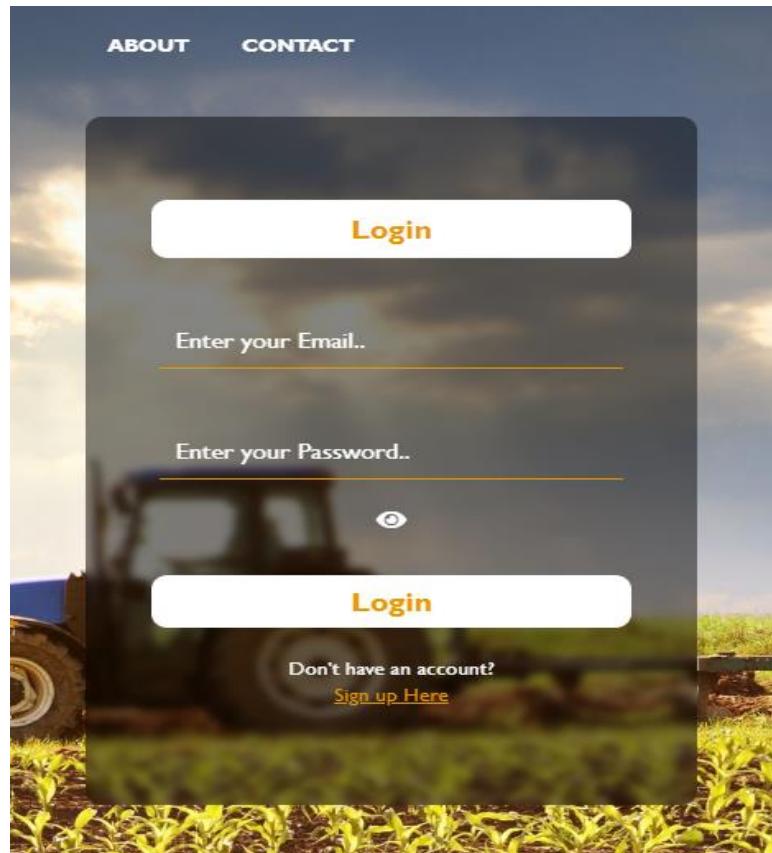
reasonable amount of time. Interface designers should ensure that both the graphic elements and terminology are maintained across similar platforms. For example, an icon that represents one category or concept should not represent a different concept when used on a different screen. Designers should assume users are unable to understand technical terminology, therefore, error messages should almost always be expressed in plain language to ensure nothing gets lost in translation.

4.3 GUI Components

Google map API used for location services. Users can view places which are nearby.

4.4: Detailed Description

Login



Registration

Full Name..

Enter Dealership..

Enter your Email..

Phone Number..

Enter your Password..

Choose File | No file chosen

Sign Up

Already a User?
[Login Here](#)

Home

CONNECT KISSAN

[HOME](#) [ABOUT](#) [SERVICES](#) [CONTACT](#) [JOIN AS DEALER](#)

Transformation Agriculture with Data and Technology!

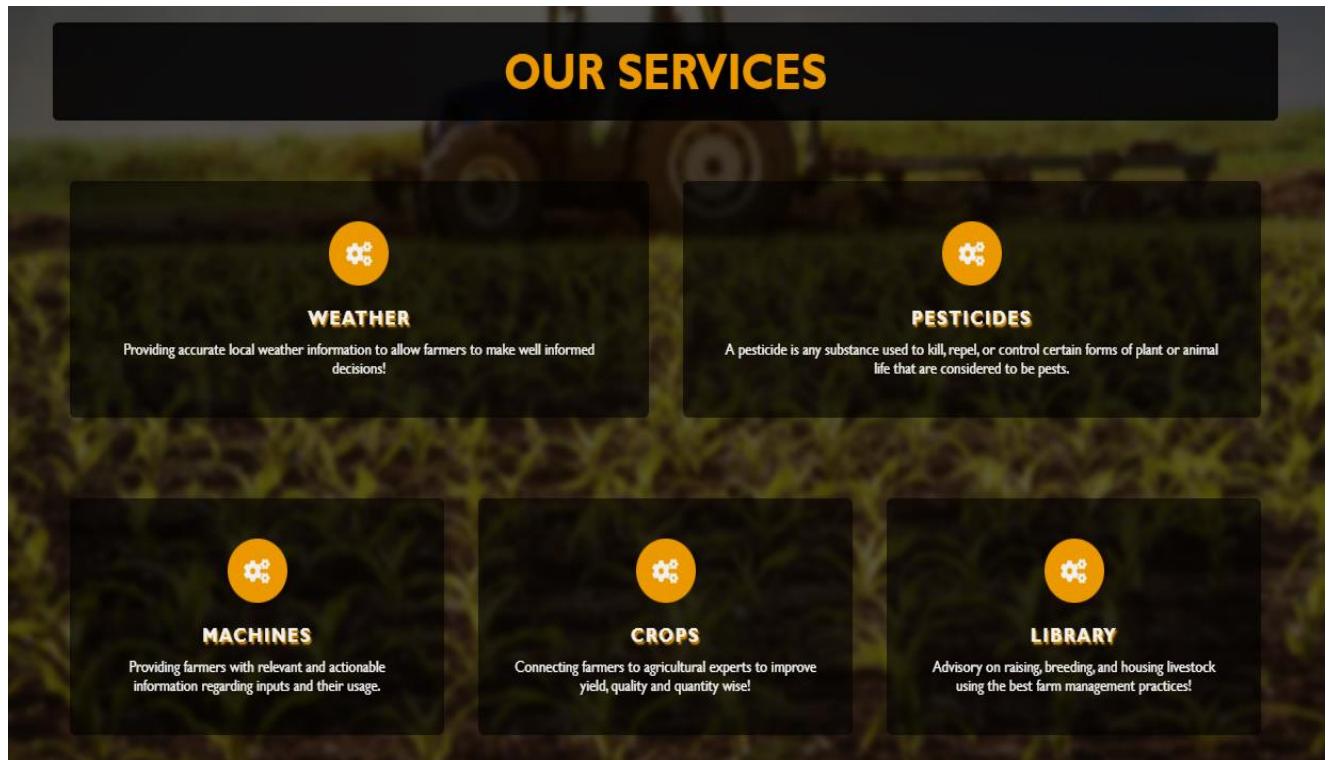
Connect Kissan is Pakistan's leading AgriTech. Farmers are at the core of our business. BKK takes a holistic approach to enable farmers make data driven decisions. We cater both production and market/sales related issues that exist in the Agri value chain. We not only provide crop, livestock, weather, mandi rates, remote sensing based advisory to farmers, but also connect them to consumers and business. Every farmer has his/her own journey on BKK, based on their profile (location/crop etc.). It's our primary responsibility to ensure that we contribute towards improving the lives of our Farmers.

[Explore Items](#)

OUR SERVICES



Services



OUR SERVICES



WEATHER

Providing accurate local weather information to allow farmers to make well informed decisions!



PESTICIDES

A pesticide is any substance used to kill, repel, or control certain forms of plant or animal life that are considered to be pests.



MACHINES

Providing farmers with relevant and actionable information regarding inputs and their usage.



CROPS

Connecting farmers to agricultural experts to improve yield, quality and quantity wise!



LIBRARY

Advisory on raising, breeding, and housing livestock using the best farm management practices!

About

CONNECT KISSAN

"We aim to be a worldwide competitive industry in providing solutions and lead the market through continuous innovation."

Vision

Vision statement is articulating our dreams and hopes for our business. It reminds us of what we are trying to build. Our Leadership Signature is ultimately about creating a way for people to contribute to making something extraordinary happen. A continuous improvement process for us is an ongoing effort to improve products, services and processes. These efforts can seek "incremental" improvement over time or "breakthrough" improvement all at once. Delivery (customer valued) processes are constantly evaluated and improved in the light of their efficiency, effectiveness and flexibility.

Mission

Our mission is to provide excellent quality and high productivity through advance technology and highly trained personal. In our pursuit to meet our vision, the group has embarked on a market penetration and diversification strategy. This move is to maintain excellence in the wake of increasing regional and intense borderless global competition.

Weather

CONNECT KISSAN

HOME ABOUT SERVICES CONTACT JOIN AS DEALER

01:29 AM
Tuesday, 4 Oct

Humidity 49%
Pressure 1010
Wind Speed 4.63
Sunrise 18:24 pm
Sunset 06:16 am

Asia/Karachi
24.8381N 67.0339E

Day	Icon	Night	Day
Tuesday	Cloud	27.55°C	32.36°C
Wednesday	Sun	27.24°C	29.93°C
Thursday	Sun	27.21°C	30.27°C
Friday	Sun	27.79°C	30.46°C
Saturday	Cloud	28.98°C	31.68°C
Sunday	Cloud/Sun	29.61°C	31.88°C
Monday	Sun	29.51°C	32.04°C
Tuesday	Sun	28.68°C	32.77°C

Dealer Near Me Location

CONNECT KISSAN

HOME ABOUT SERVICES CONTACT JOIN AS DEALER

DEALER LOCATION
dealer location will be displayed here

CURRENT LOCATION
3 یونیورسٹی روڈ, Clifton Block 2, Clifton Block 5, کراچی, کاغان, سندھ, پاکستان

LOCATION LINK
Click Location [\[Link\]](#)

Map



Pesticide

Screenshot of a web browser displaying the 'CONNECT KISSAN' website, specifically the pesticides section.

The page shows two product listings:

- Item Name:** connect poison
Item Type: pesticide
Item Price(Rs): 1550
Item Description: for wheat protein
Dealer Name: NitinTalreja **Dealer Contact:** 03063057600
- Item Name:** case I
Item Type: pesticide
Item Price(Rs): 5555
Item Description: fffgg
Dealer Name: sandesh **Dealer Contact:** 22222222

The browser's address bar shows the URL: 127.0.0.1:5501/kissan-client/pesticides.html

Library

CONNECT KISSAN

HOME ABOUT SERVICES CONTACT JOIN AS DEALER



Select Language ▾
Powered by Google Translate

Cotton is a natural fiber that finds use in many products. These range from clothing to home furnishings to medical products. As a result, cotton is always in demand though its use is subject to the strengths and weaknesses of the overall economy. It accounts for 8.2 percent of the value added in agriculture and about 2 percent to GDP.

The importance of cotton can hardly be over emphasized in the economy of Pakistan. Pakistan is one of the ancient homes of cultivated cotton, 4th largest producer of cotton , the 3rd largest exporter of raw cotton and a leading exporter of yarn in the world.

Pakistan is, by and large, a mono-crop economy as cotton contributes nearly 10 per cent in the agriculture GDP and a source of 60 per cent foreign exchange earnings. The value addition through cotton is 8.2 percent in agriculture and 2 percent in the GDP.

Translator

HOME ABOUT SERVICES CONTACT JOIN AS DEALER

Select Language ▾

- Afrikaans
- Albanian
- Amharic
- Arabic
- Armenian
- Assamese
- Aymara
- Azerbaijani
- Bambara
- Basque
- Belarusian
- Bengali
- Bhojpuri
- Bosnian
- Bulgarian
- Burmese
- Catalan
- Cebuano
- Chichewa

Select Language ▾
Powered by Google Translate



Advice

CONNECT KISSAN

HOME ABOUT SERVICES CONTACT JOIN AS DEALER



Advisory Form

First Name*

Last Name*

Phone Num

Email Address*

Message...

Contact

CONNECT KISSAN

HOME ABOUT SERVICES CONTACT JOIN AS DEALER

First Name*

Last Name*

Phone Num

Email Address*

Message...

Send Message

Add to cart

The screenshot shows a web browser window with multiple tabs open. The active tab is 'Connect Kissan | Checkout' at the URL '127.0.0.1:5501/kissan-client/checkout.html'. The page features a header with 'CONNECT KISSAN' and navigation links for HOME, ABOUT, SERVICES, CONTACT, and JOIN AS DEALER. Below the header is a form with fields for 'Your Name', 'Your City', 'Your Province', and 'Your Address', followed by a 'Generate Invoice' button. The main content area has a background image of a blue tractor in a field. On the right side, there's a dark overlay with a rounded rectangle containing the text 'Your Cart'. Inside this box is an image of a white bottle of 'CONNECT' pesticide, labeled 'Item Name: connect poison', 'Item Type: pesticide', 'Item Price(Rs): 1550', 'Item Description: for wheat protein', 'Dealer Name: NitinTalreja', and 'Dealer Contact: 03063057600'. The taskbar at the bottom shows various application icons.

Pdf Generate

The screenshot displays a PDF document titled 'Invoice' from 'Connect Kissan'. At the top left is the 'Connect Kissan' logo. To the right, it says 'Dealers:'. The invoice details are as follows:

Invoice Number:	503749
Billing Date:	Friday, September 9, 2022
Due Date:	Friday, September 16, 2022
. . Pakistan	

Below the details is a table with columns: Item, Description, Unit Cost, Quantity, Total, and Tax. The table shows the following data:

Item	Description	Unit Cost	Quantity	Total	Tax
				Subtotal	Rs 0.00
				Total	Rs 0.00

5: Reuse and relationships to other products

Reusability allows developers to be more efficient because the same code can be developed once and used in many different websites. Second, reliability can be improved by reusing previously developed, and previously tested, components. The development of new code entails additional costs in time and money for testing, validation, and verification. Much of these expenses can be avoided by using already manufactured external components.

6: Design decisions and tradeoffs

N/A

Use this section to motivate any decisions that will help the reader understand the design that your team is using. This section can also capture good ideas that were abandoned and the reasons for leaving them out of the design.

7.0 Pseudo code for components

N/A

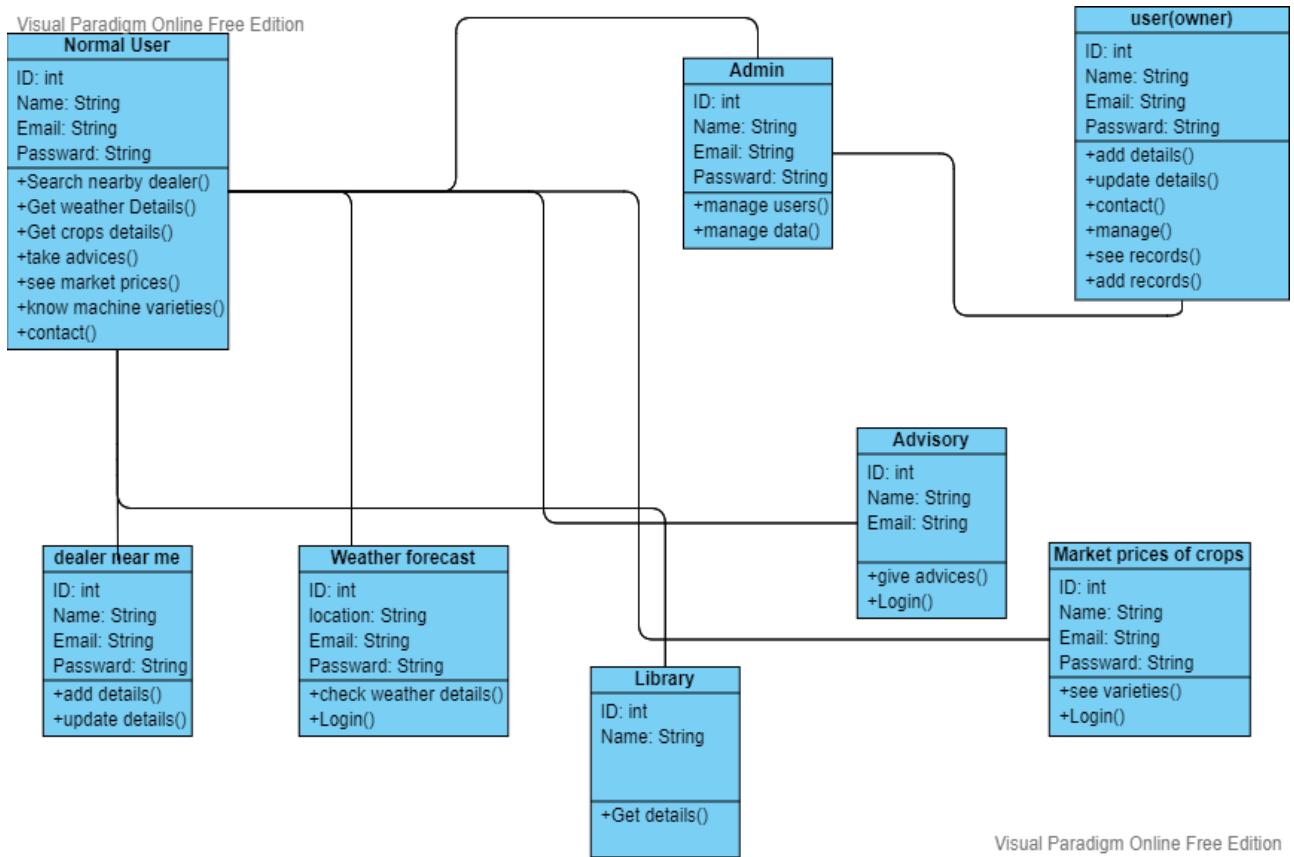
8.0 Appendices

The following list presents the diagrams that should be included at appropriate places

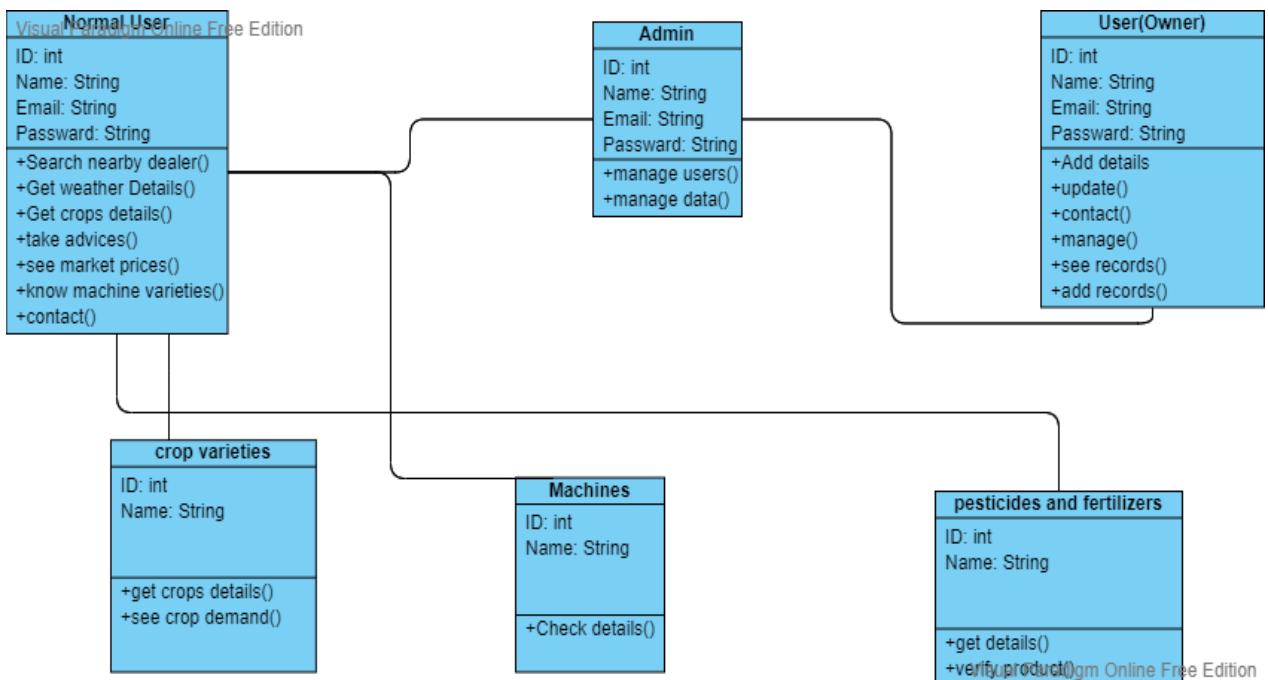
Class Diagram	Describes the structure of a system
Object Diagram	Expresses possible object combinations of a specific Class Diagram
Statechart Diagram	Expresses possible states of a class (or a system)
Activity Diagram	Describes activities and actions taking place in a system
Sequence Diagram	Shows one or several sequences of messages sent among a set of objects
Collaboration Diagram	Describes a complete collaboration among a set of objects
Use-case Diagrams	Illustrates the relationships between use cases
Component Diagram	A special case of a Class Diagram used to describe components within a software system
Deployment Diagram	A special case of a Class Diagram used to describe hardware within the overall system architecture
System Block diagram	A diagram showing the major components of the system with its interconnections and external interfaces

8.1 Diagrams

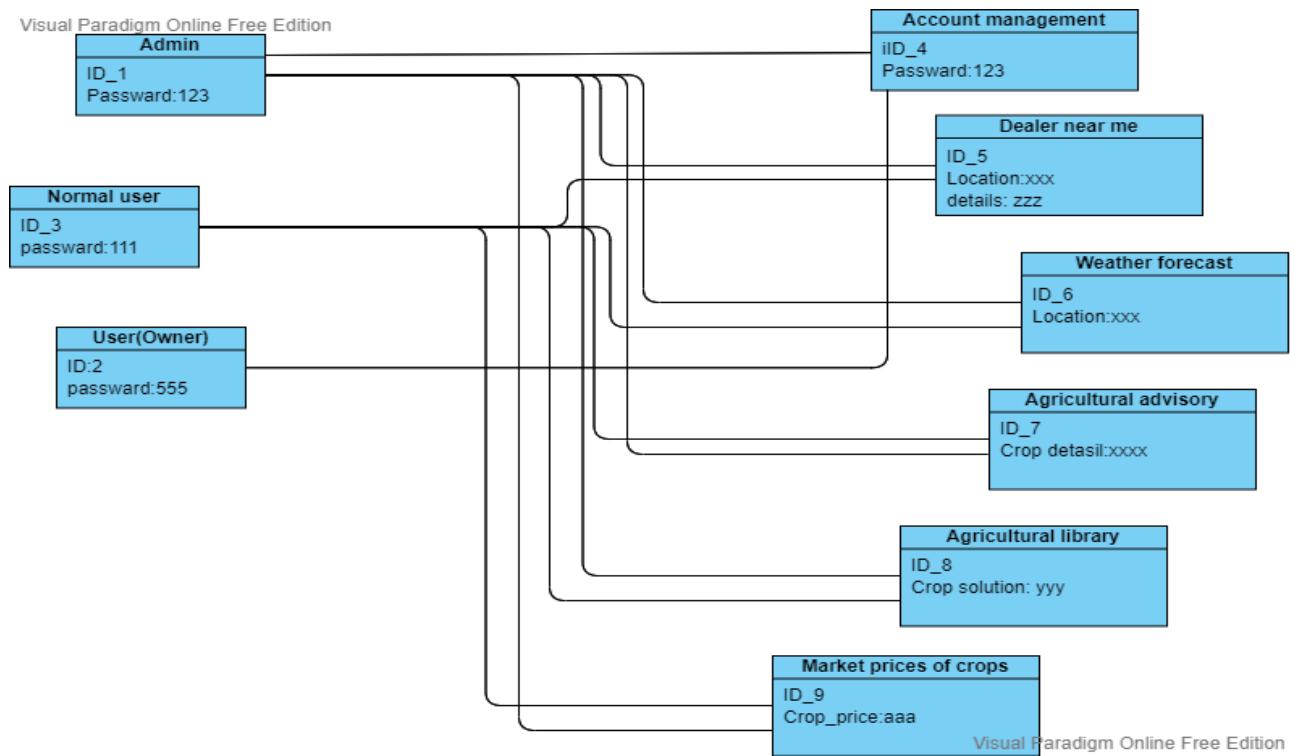
8.1.1 class diagram(FYP1)



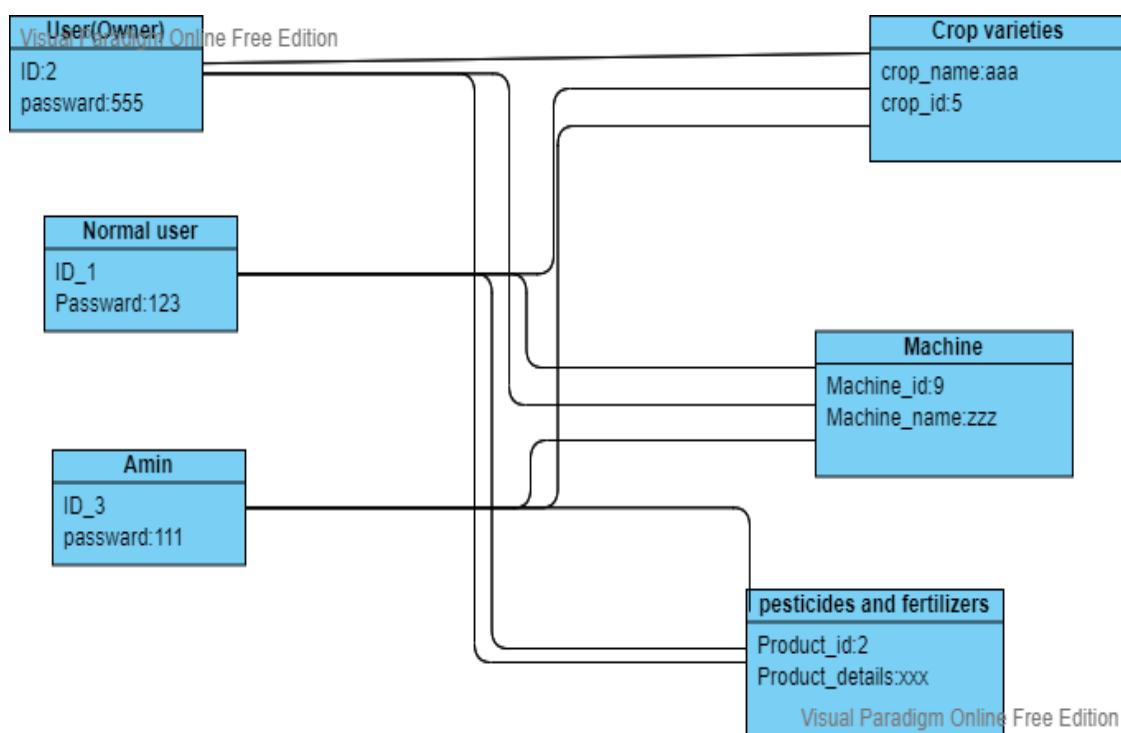
Class diagram(FYP2)



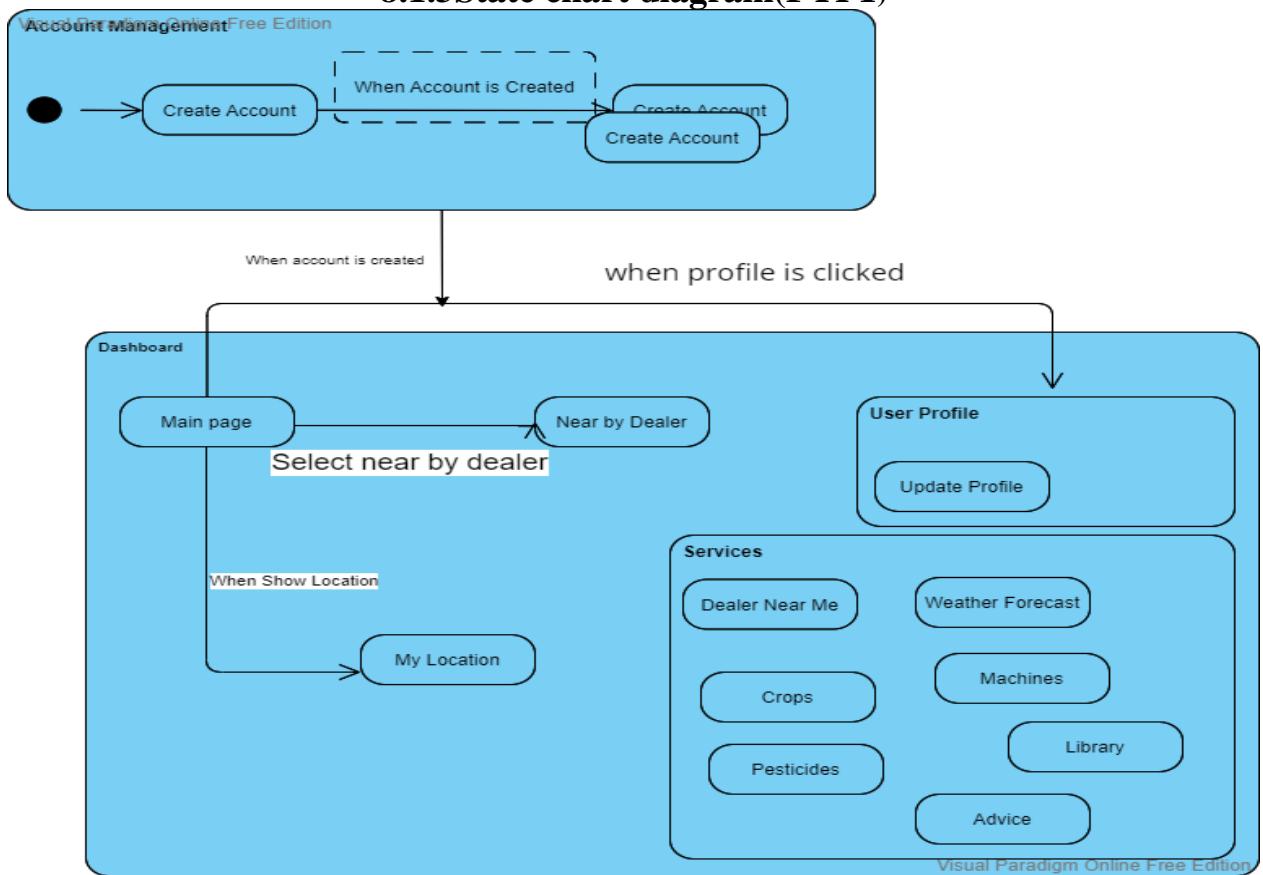
8.1.2 Object diagram(FYP1)



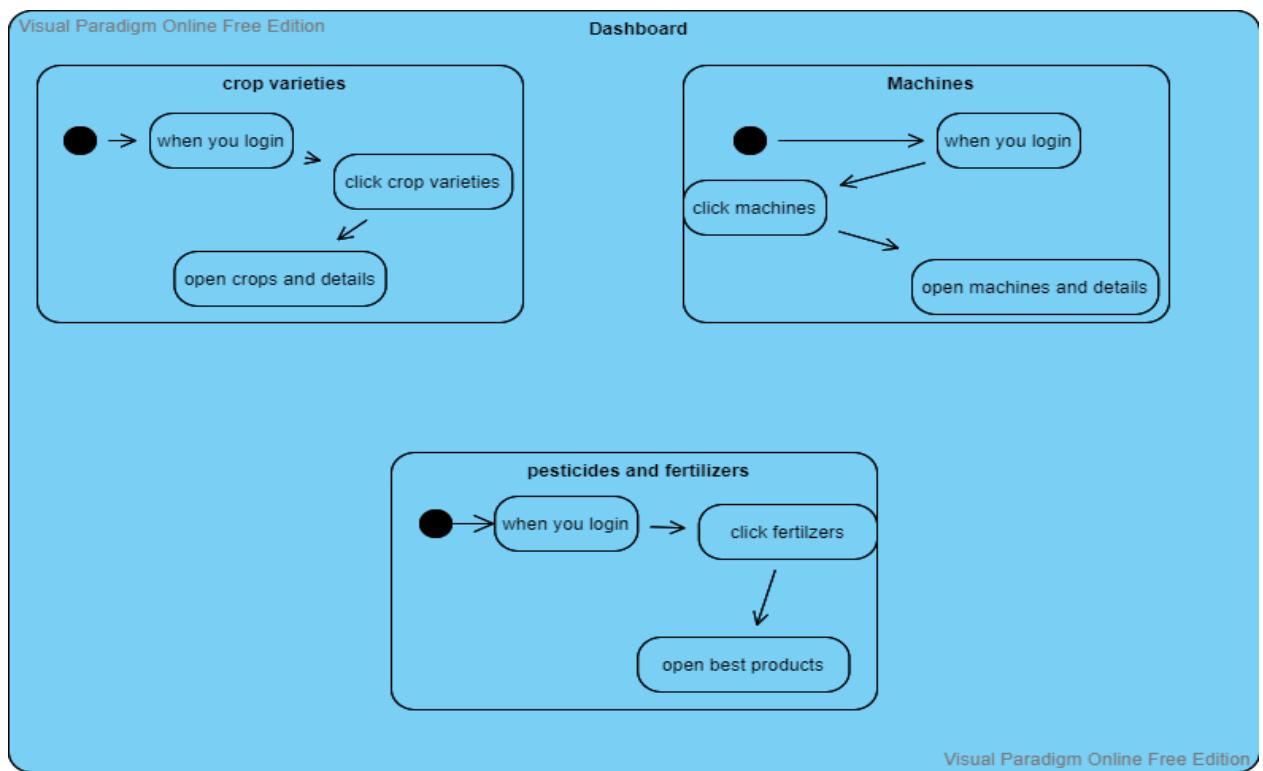
Object diagram(FYP2)



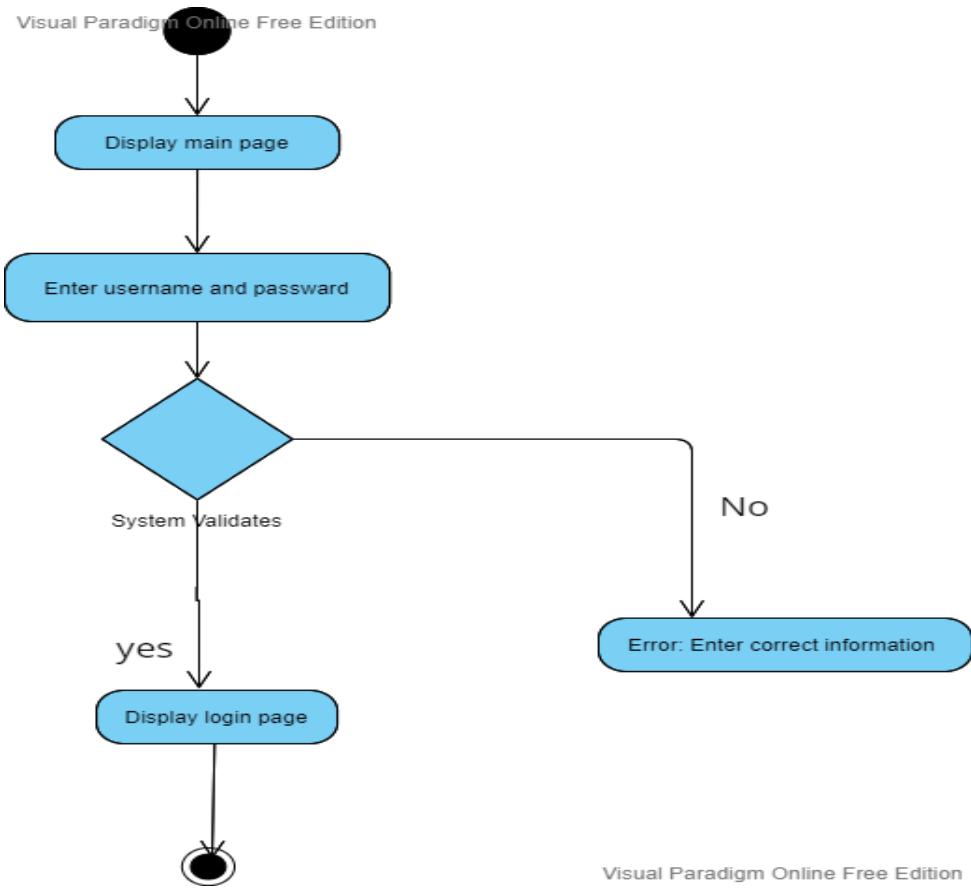
8.1.3 State chart diagram(FYP1)



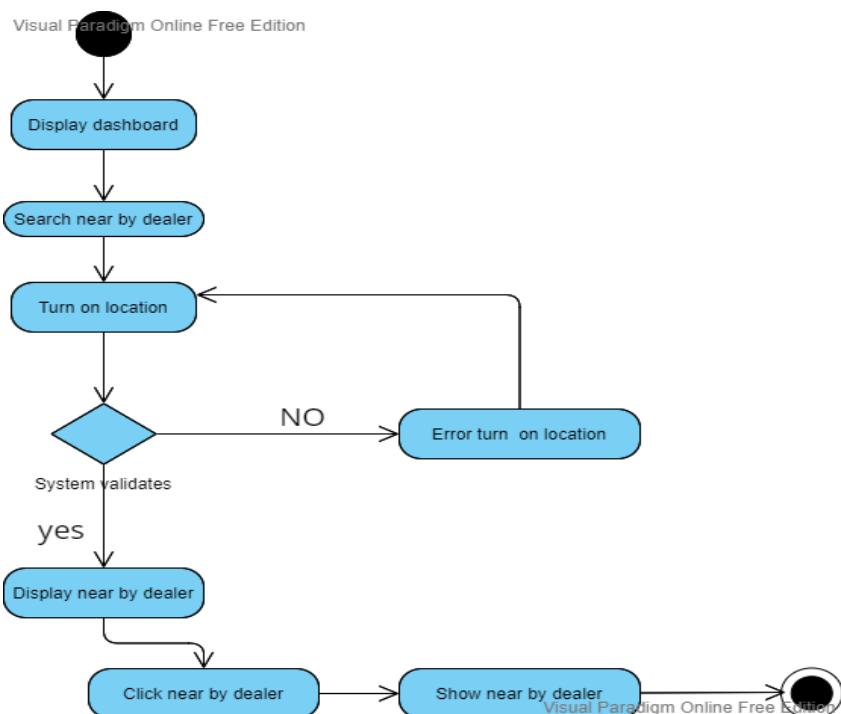
State chart diagram(FYP2)



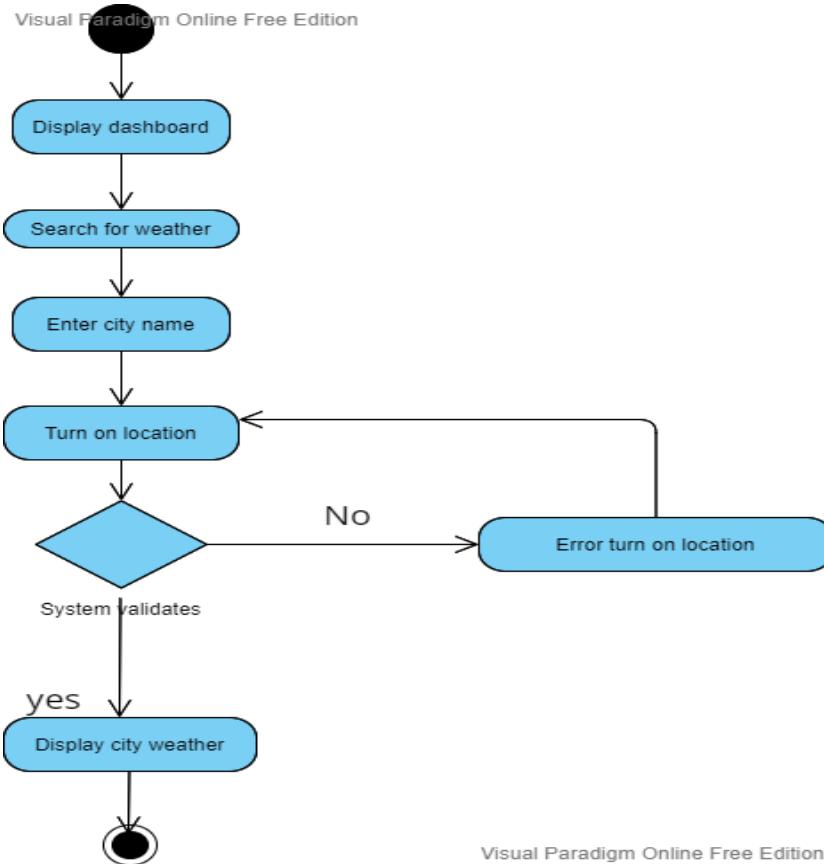
8.1.4 Activity diagram(FYP1) Account management



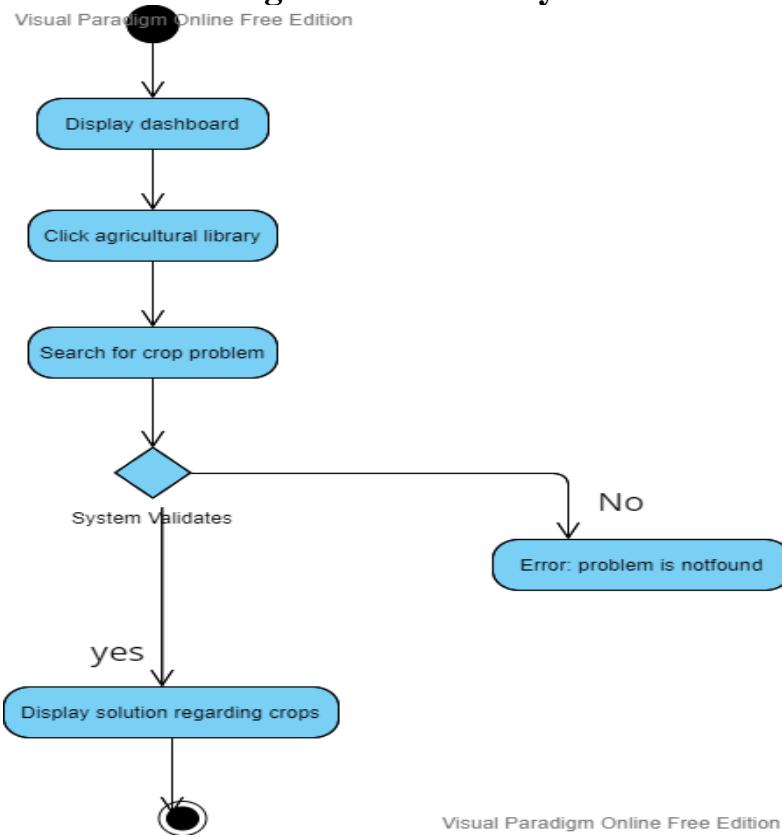
Dealer near me

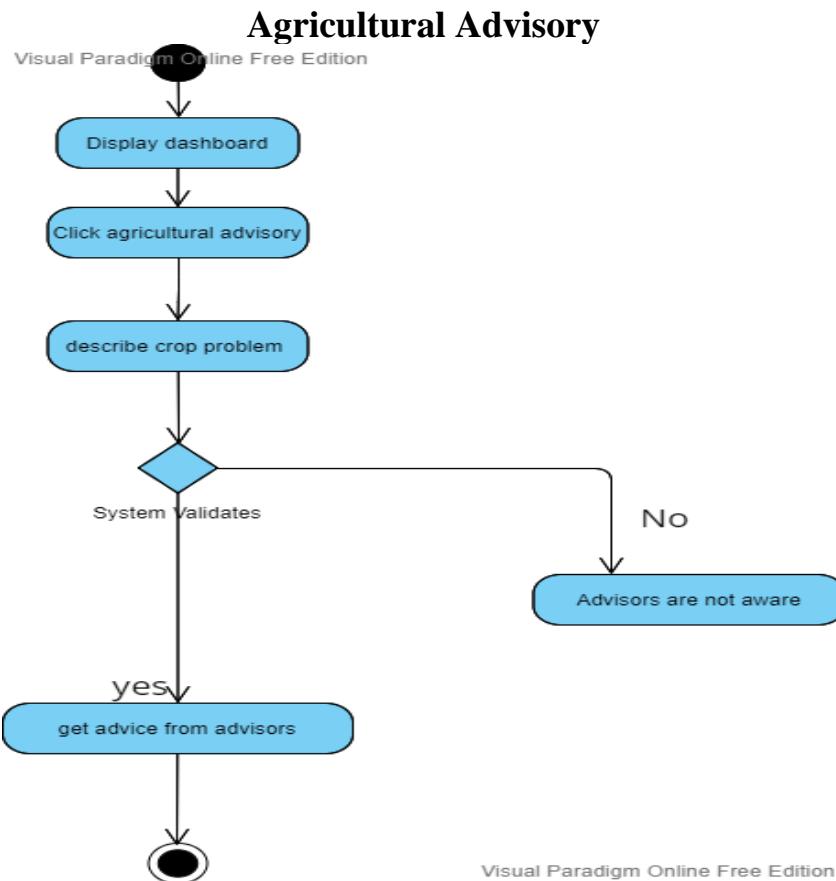


Weather forecast

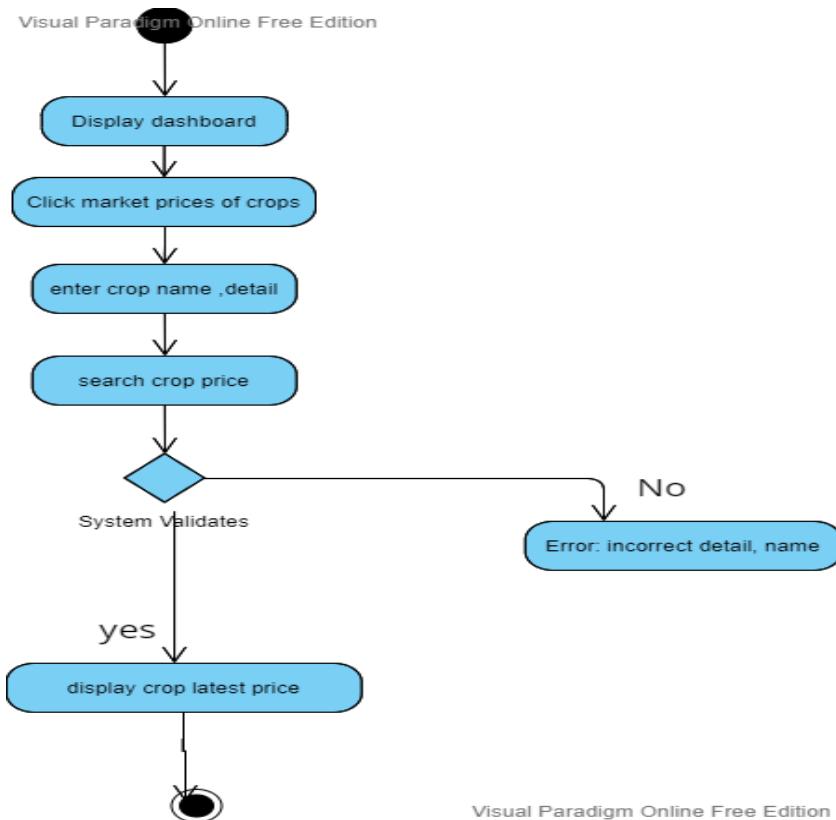


Agricultural library



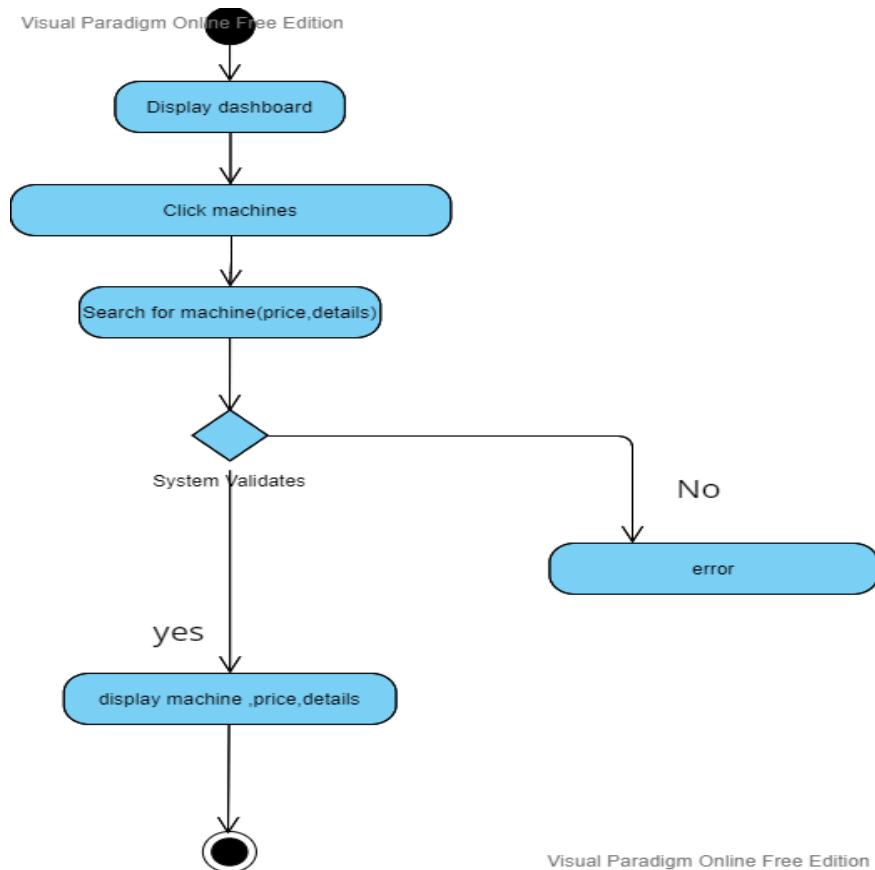


Market prices of crops

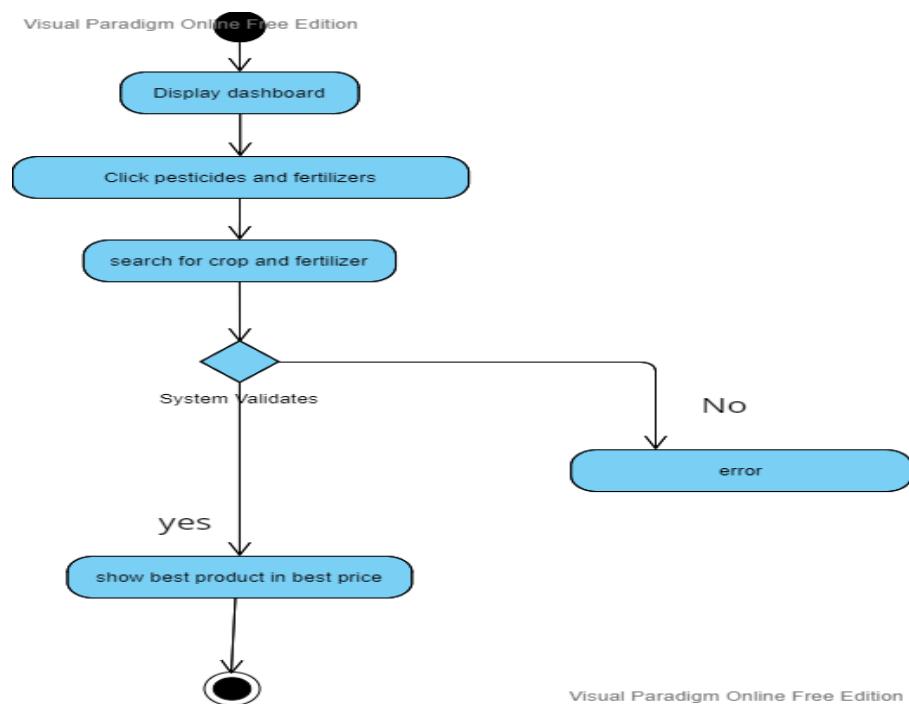


Activity diagram(FYP2)

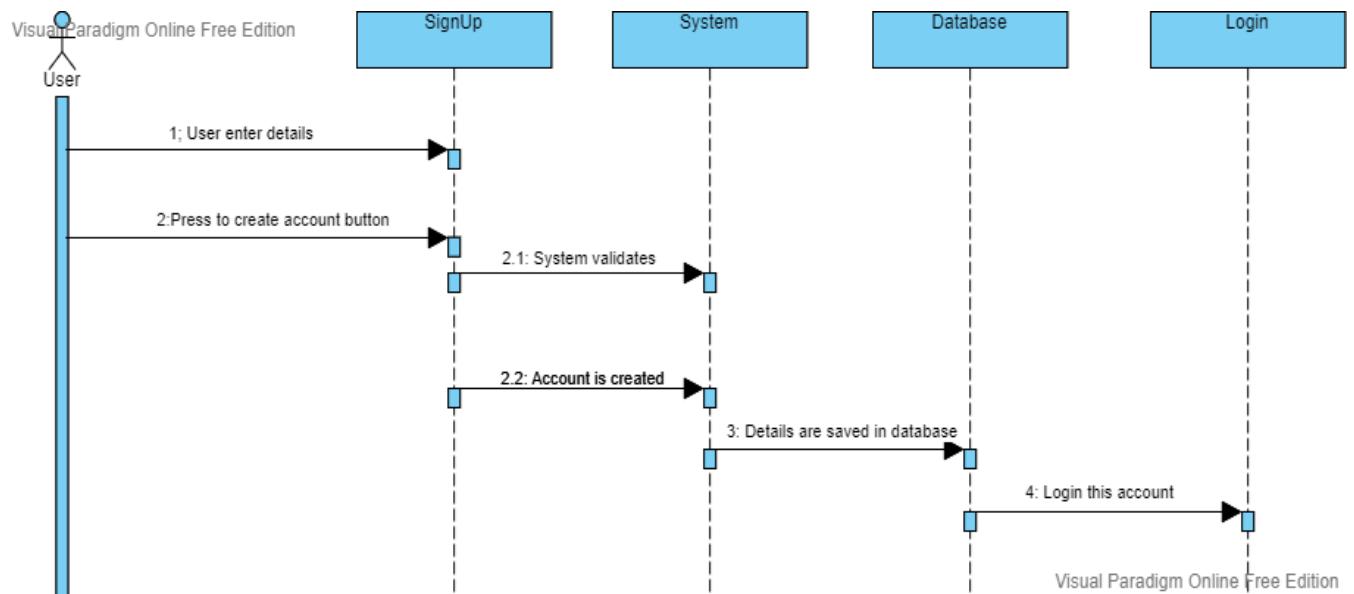
Machines



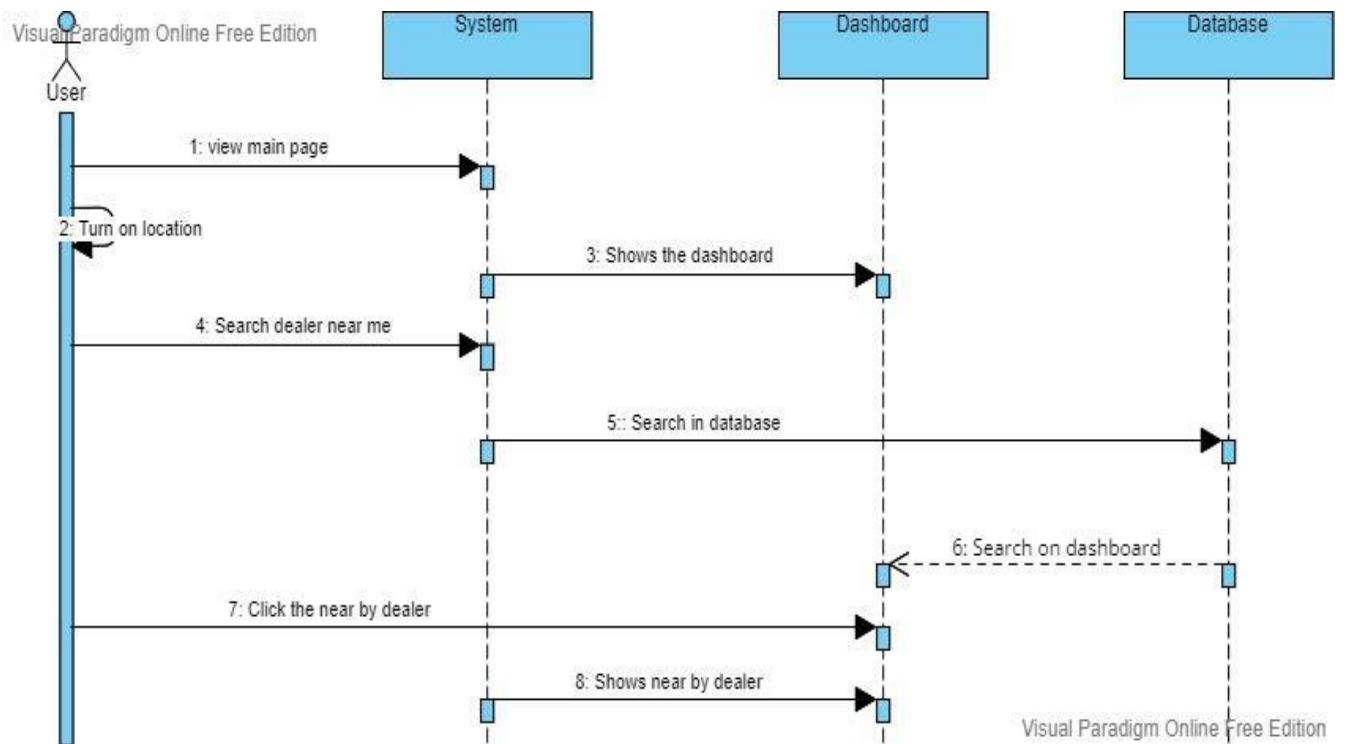
Pesticides and fertilizers



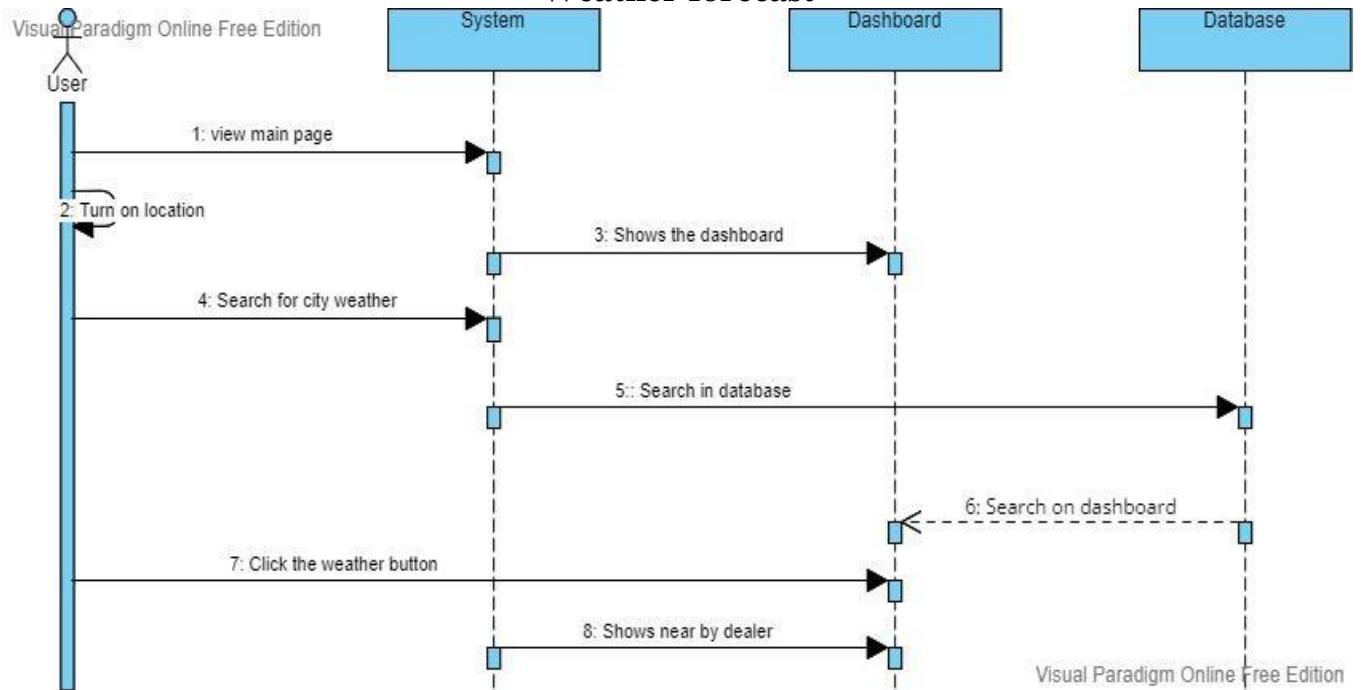
8.1.5 Sequence Diagram(FYP1) Account Management



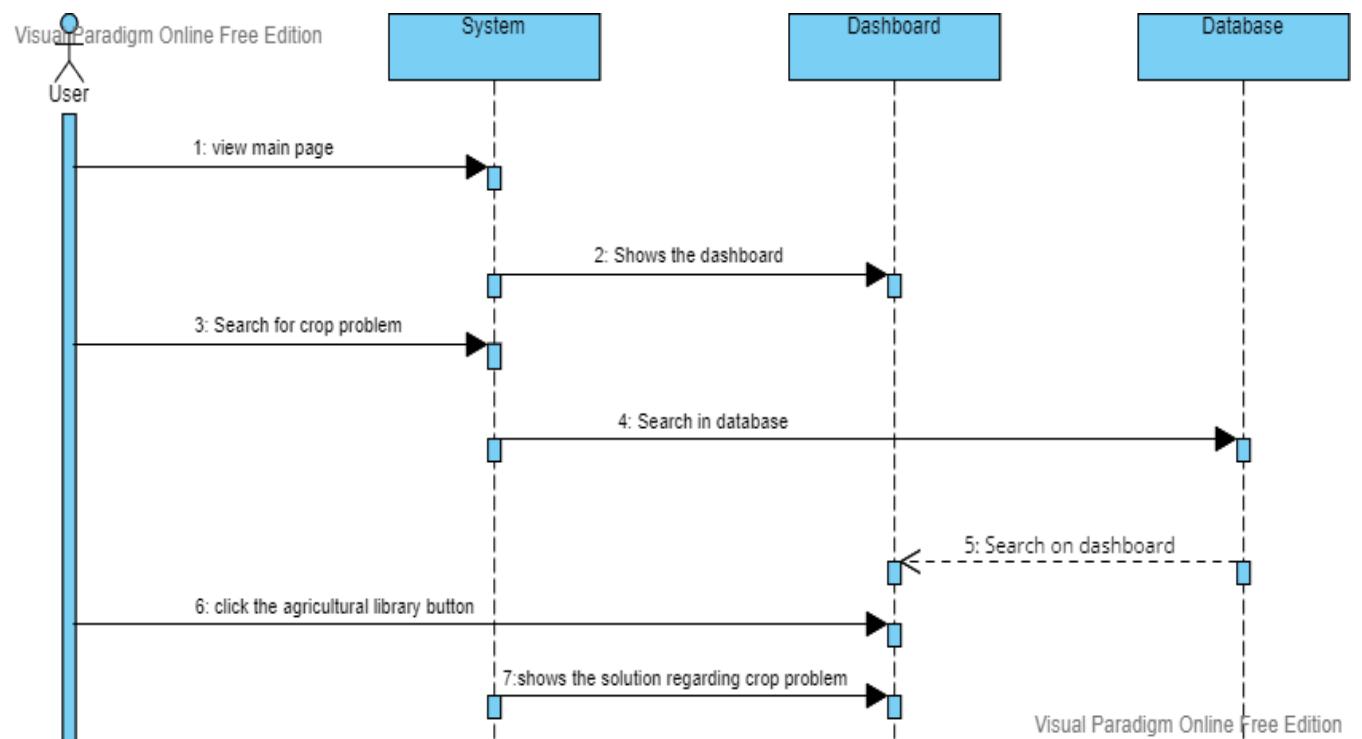
Dealer near me



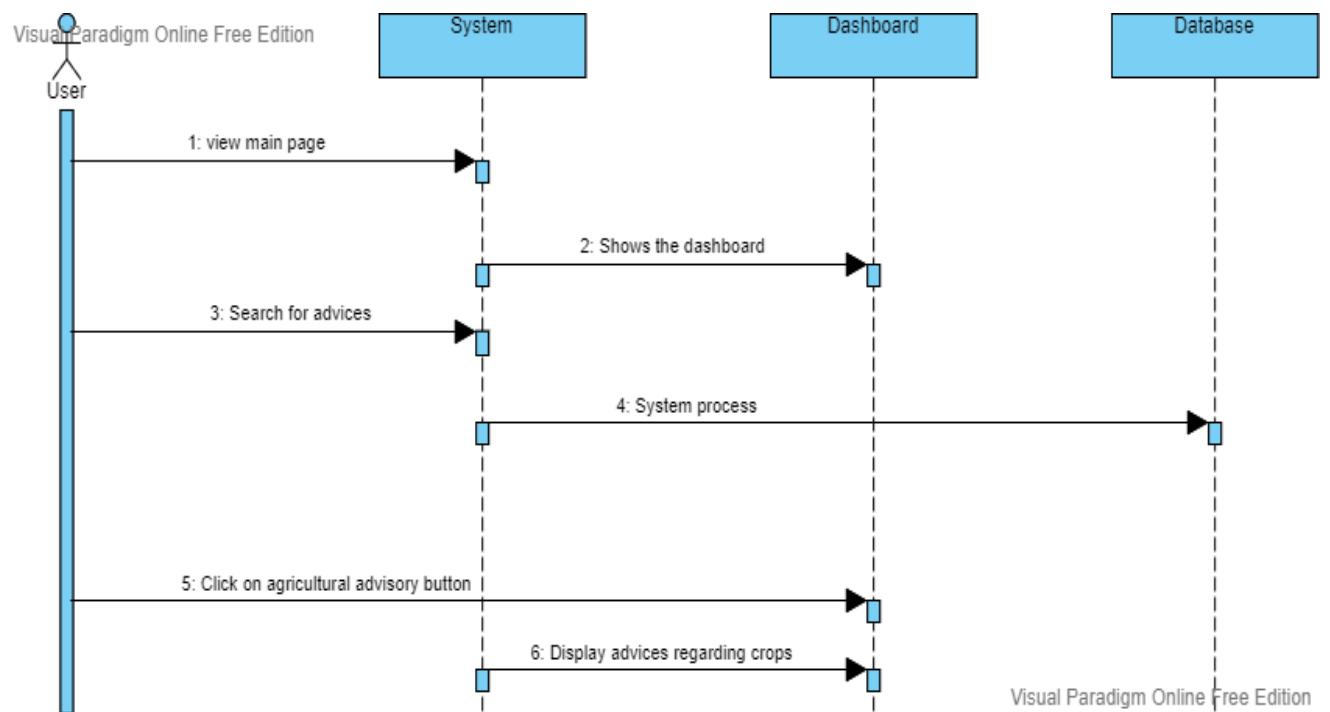
Weather forecast



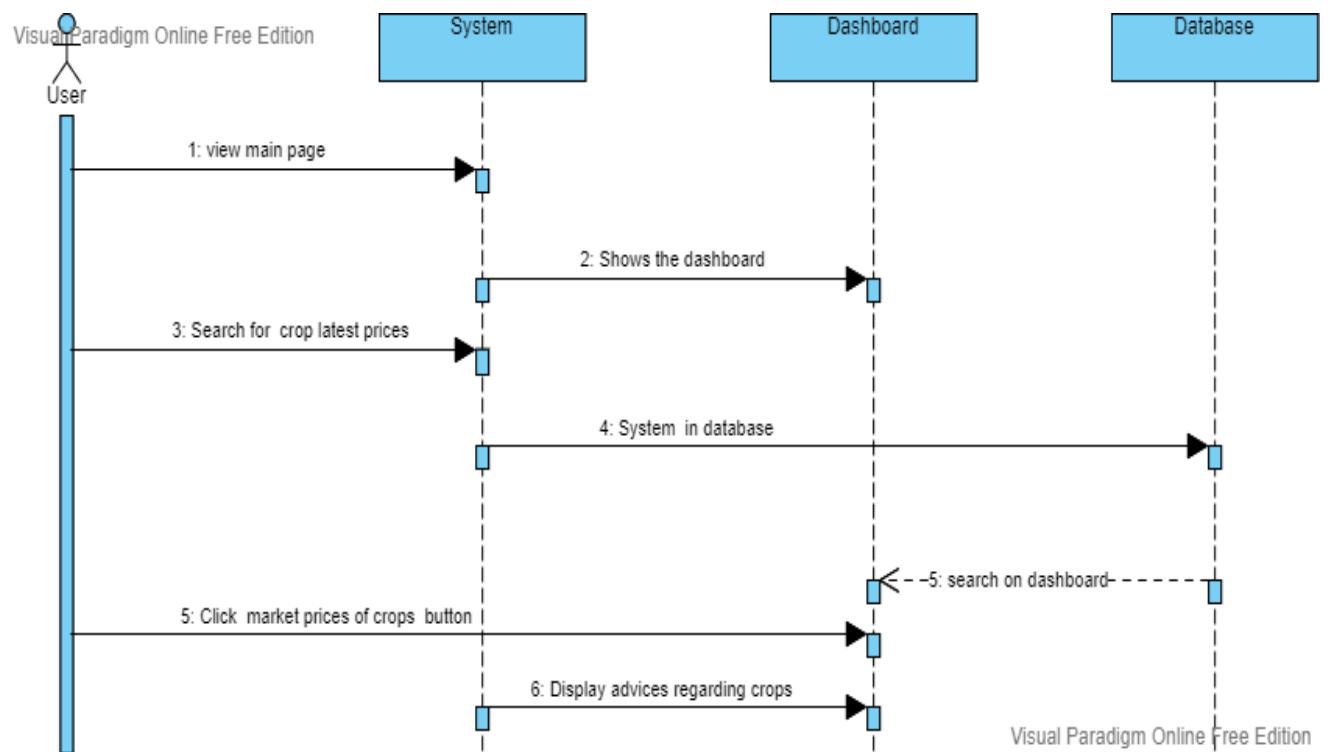
Agricultural library



Agricultural Advisory

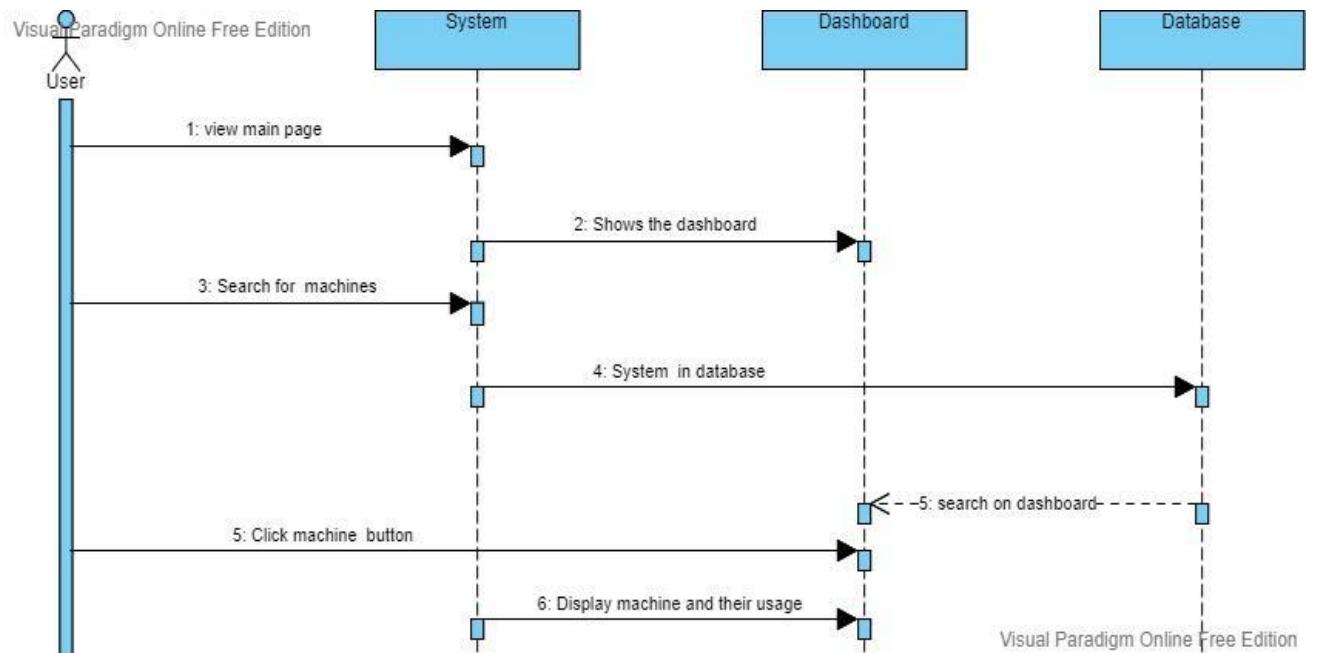


Market prices of crops

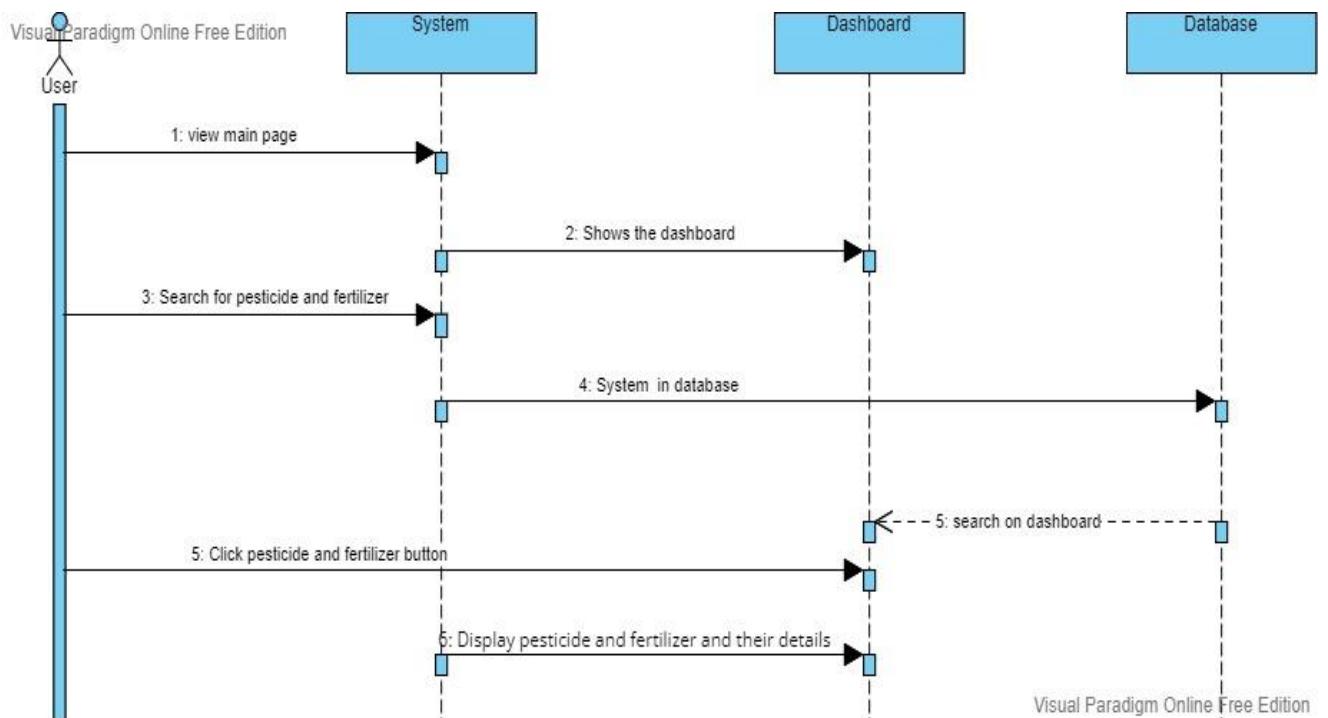


Sequence Diagram (FYP2)

Machines

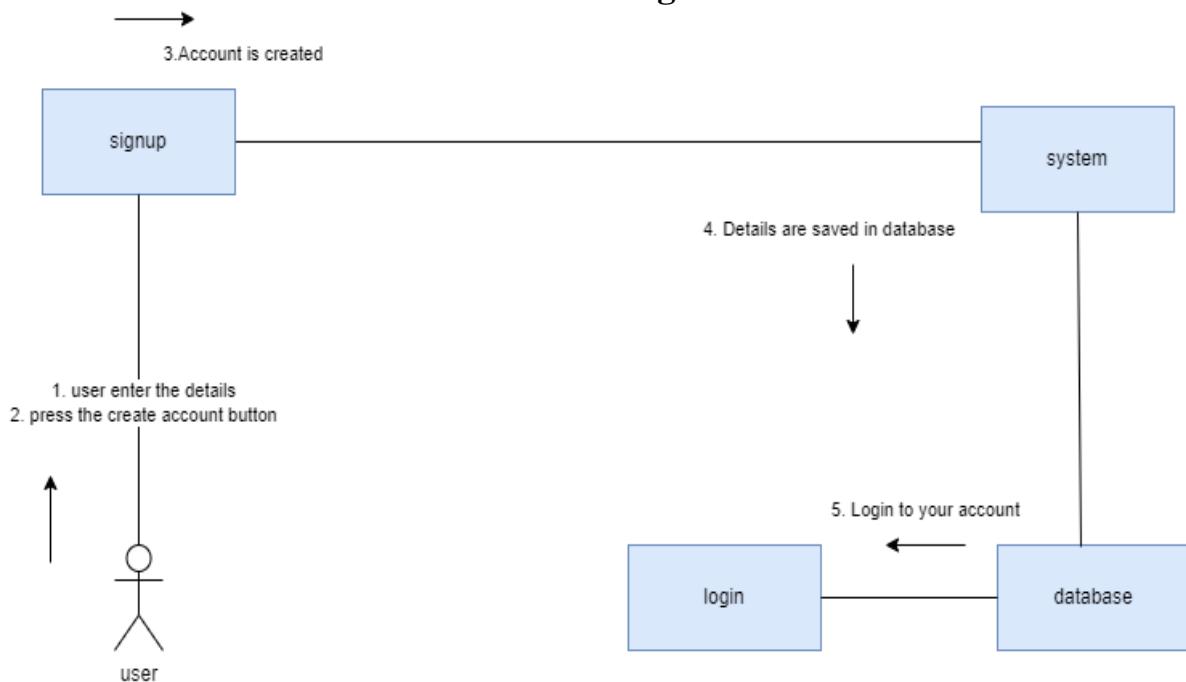


Pesticides and fertilizers

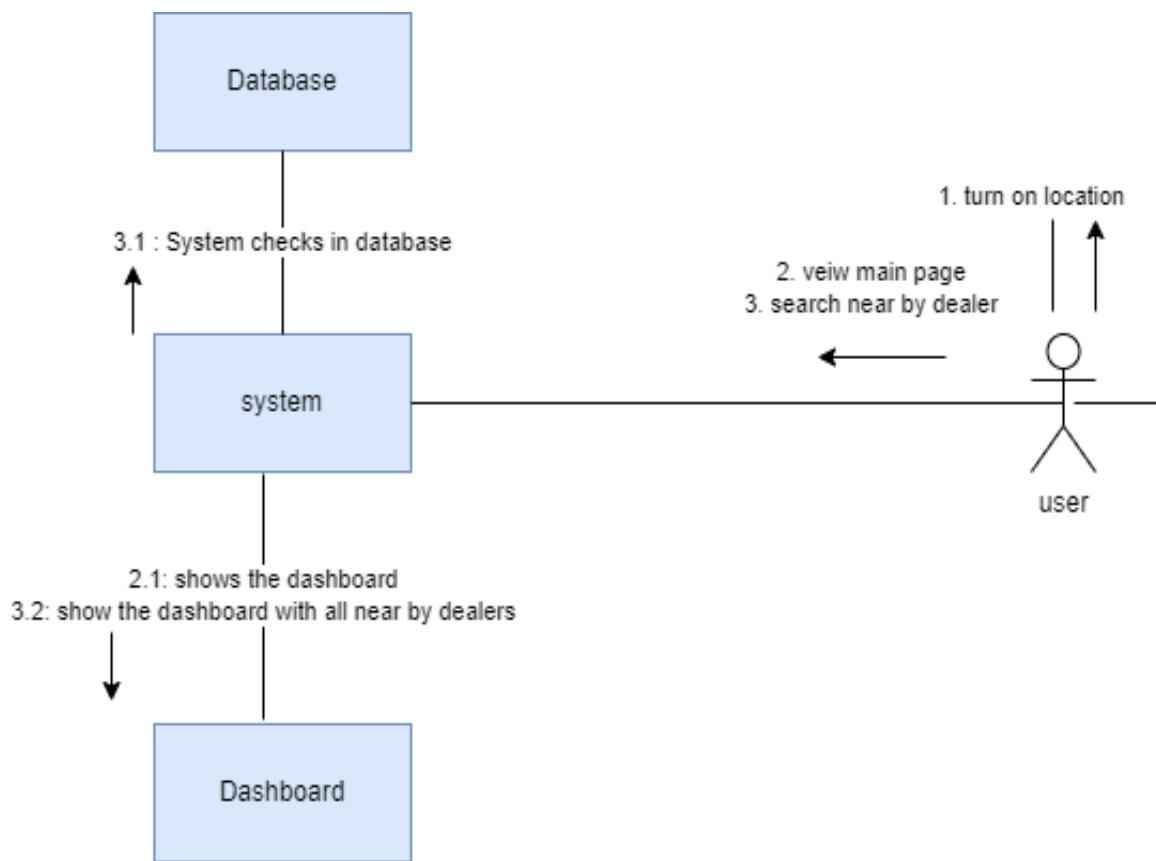


8.1.6 Collaboration diagram (FYP1)

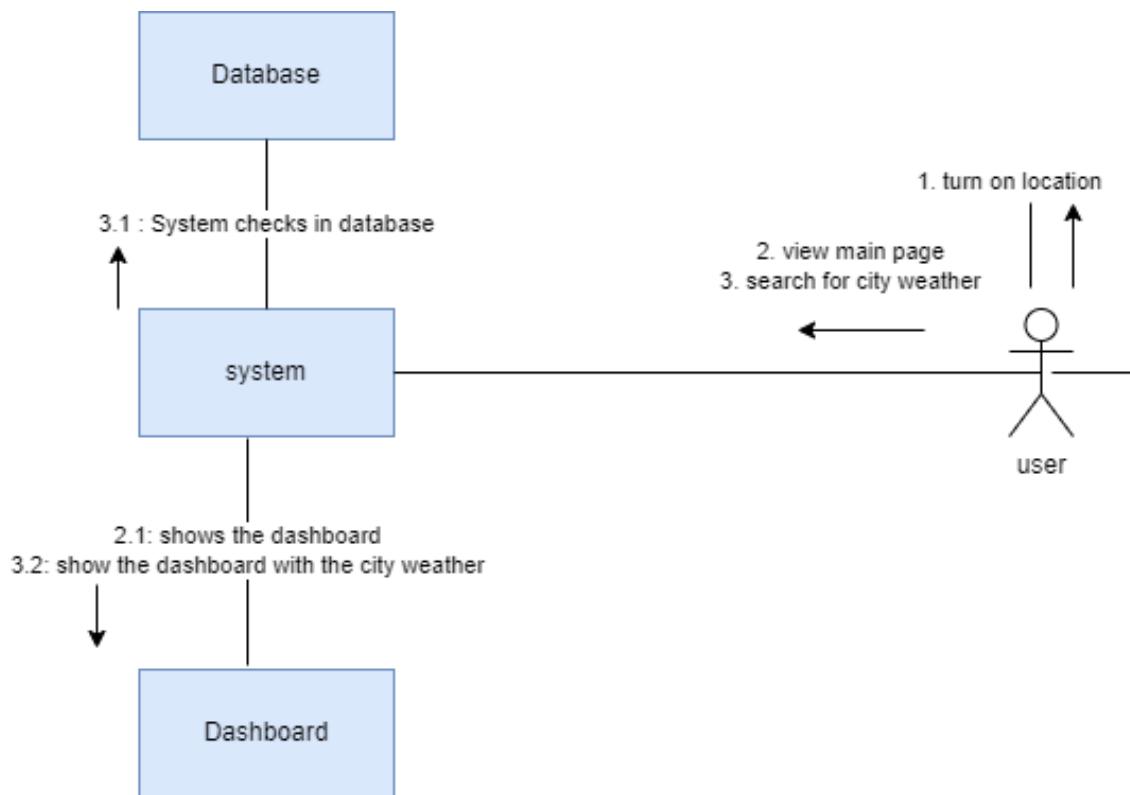
Account management



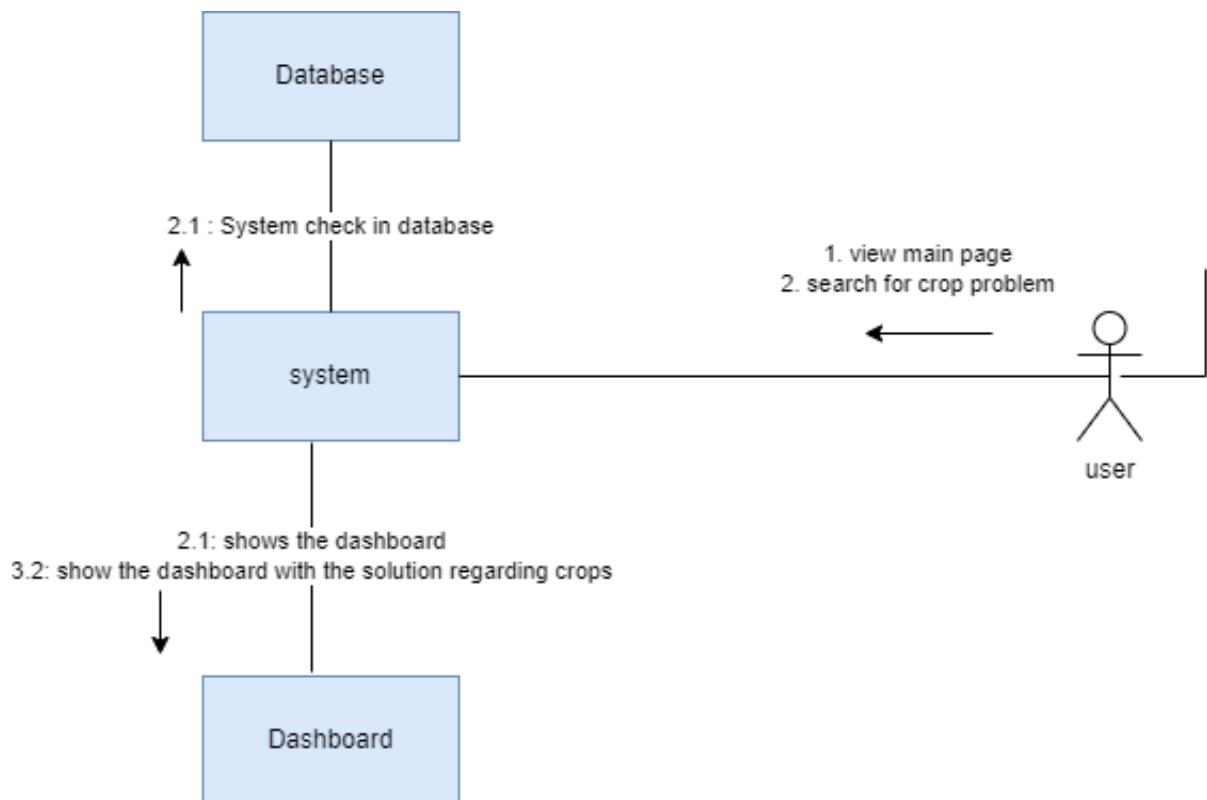
Dealer near me



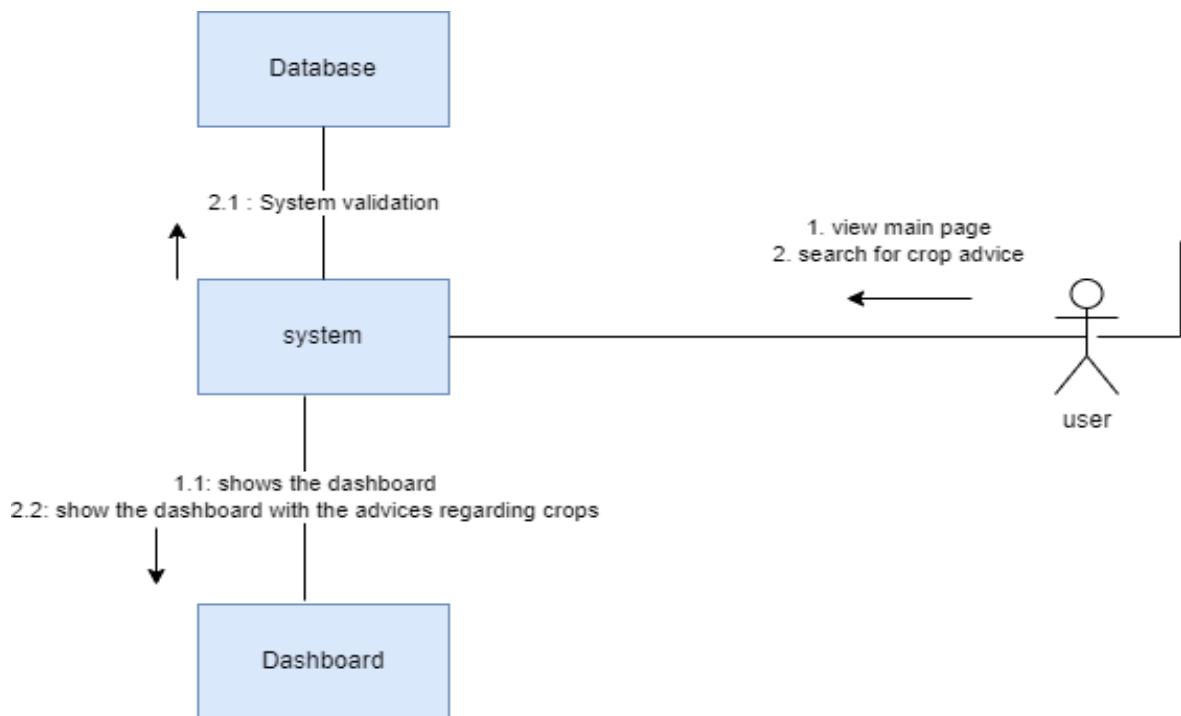
Weather forecast



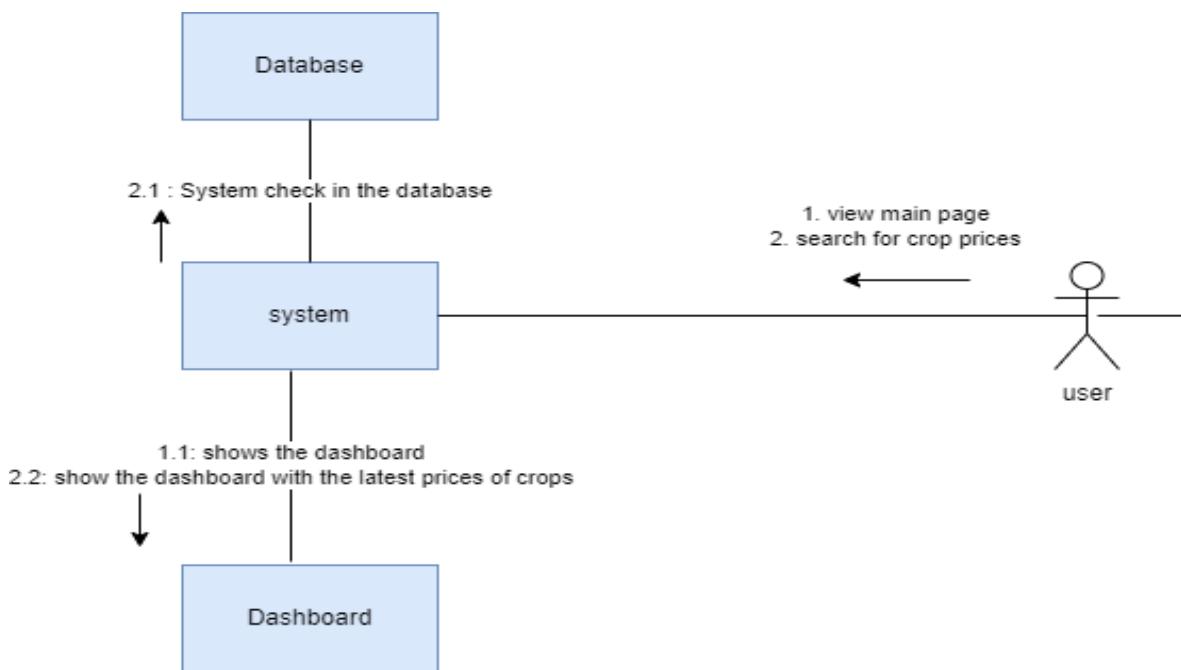
Agricultural Library



Agricultural Advisory

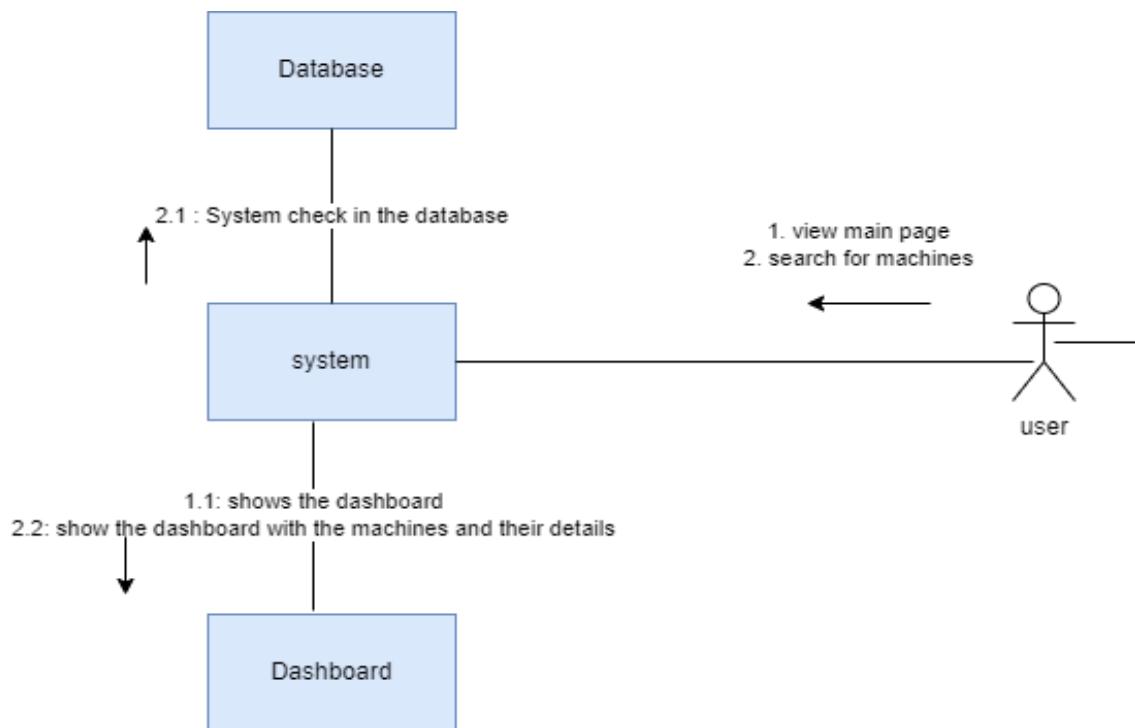


Market prices of crops

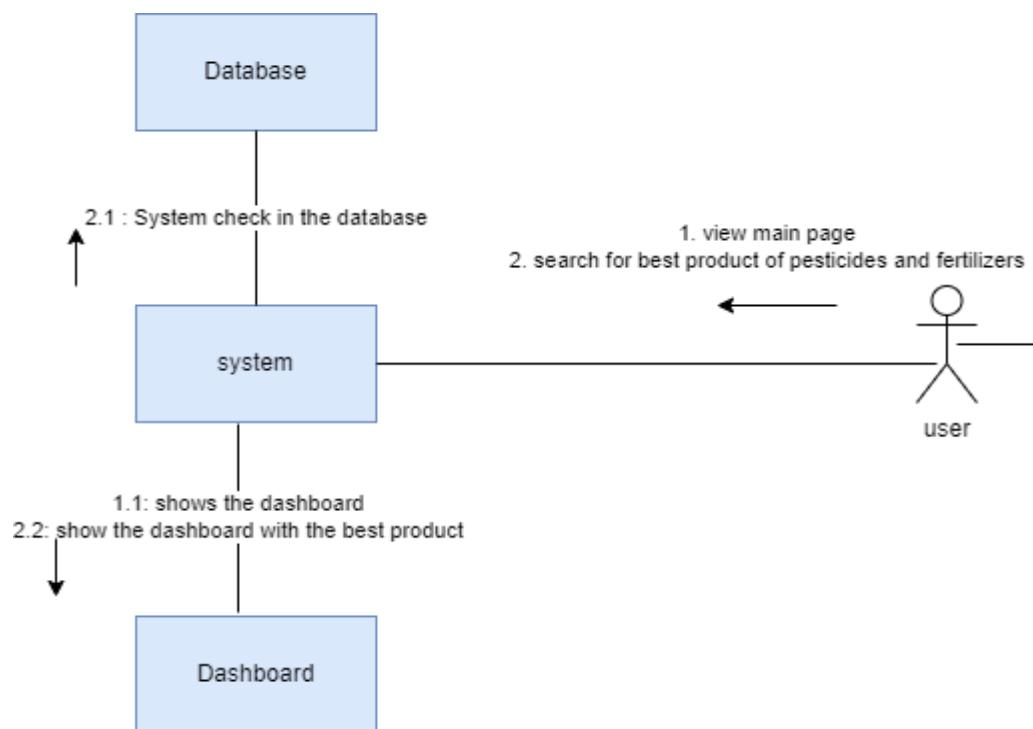


Collaboration Diagrams(FPY2)

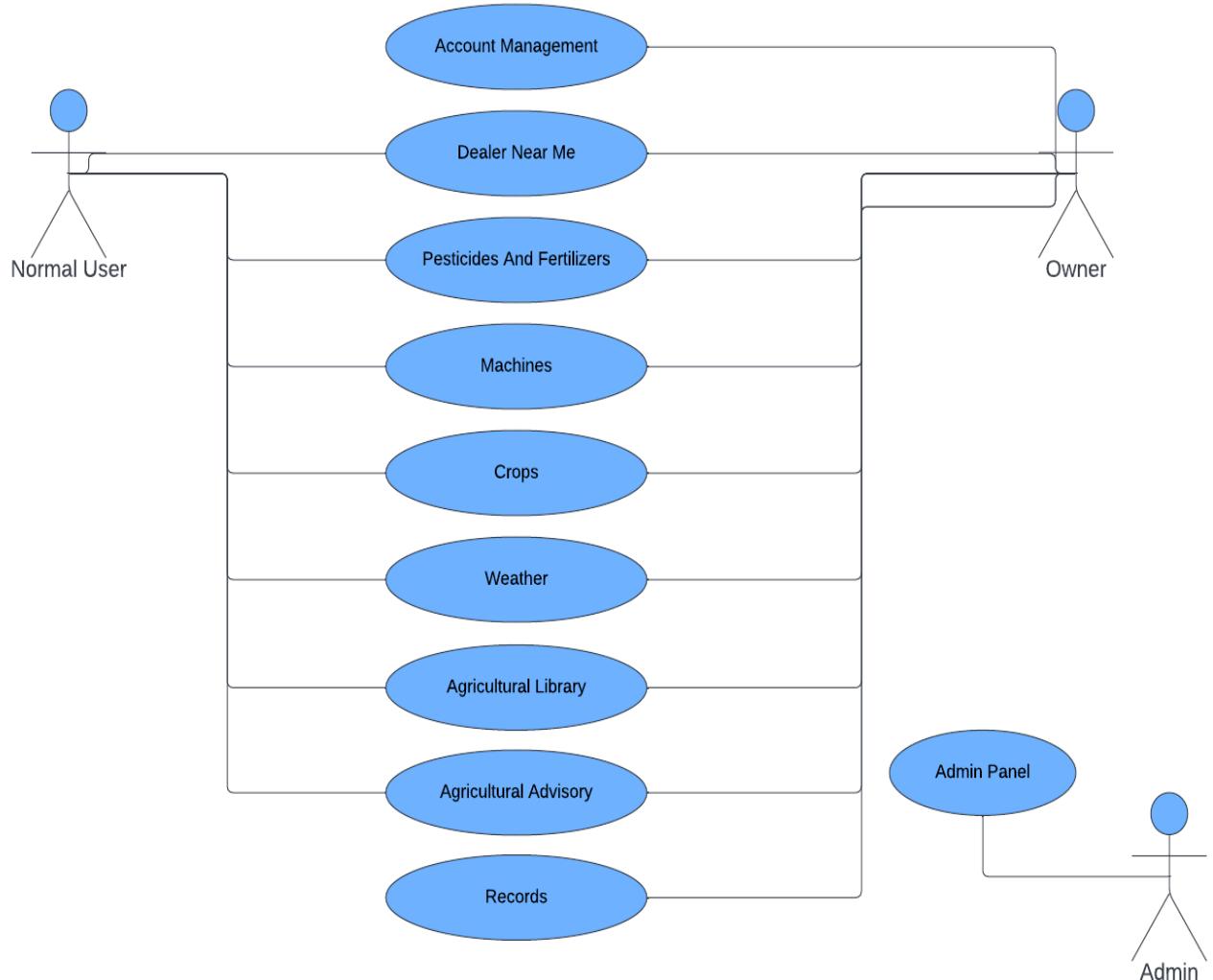
Machines



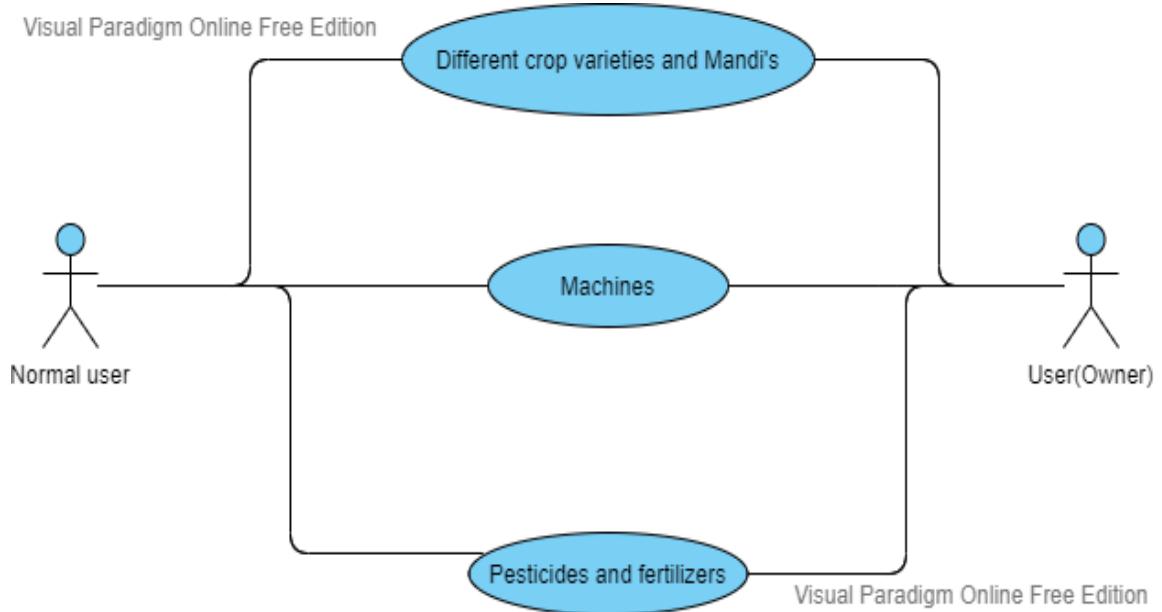
Pesticides and fertilizers



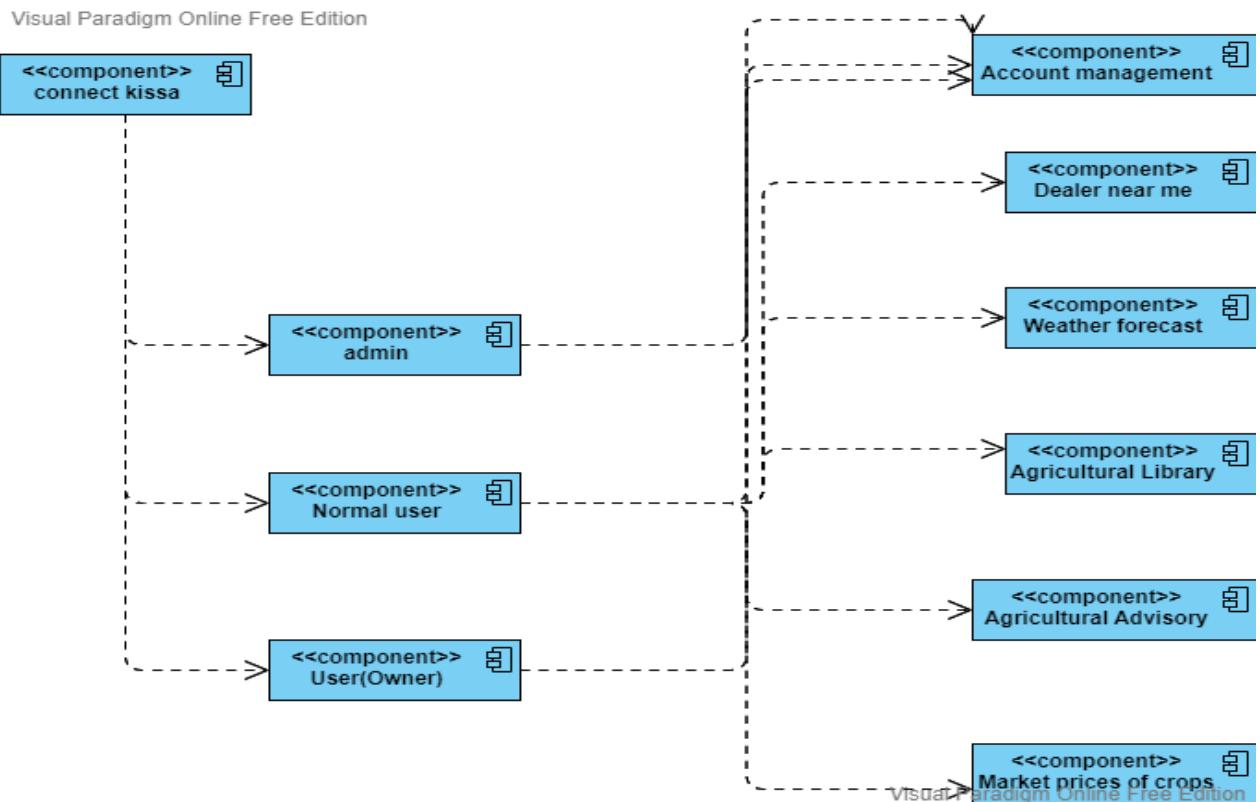
8.1.7 Use case Diagram(FYP1)



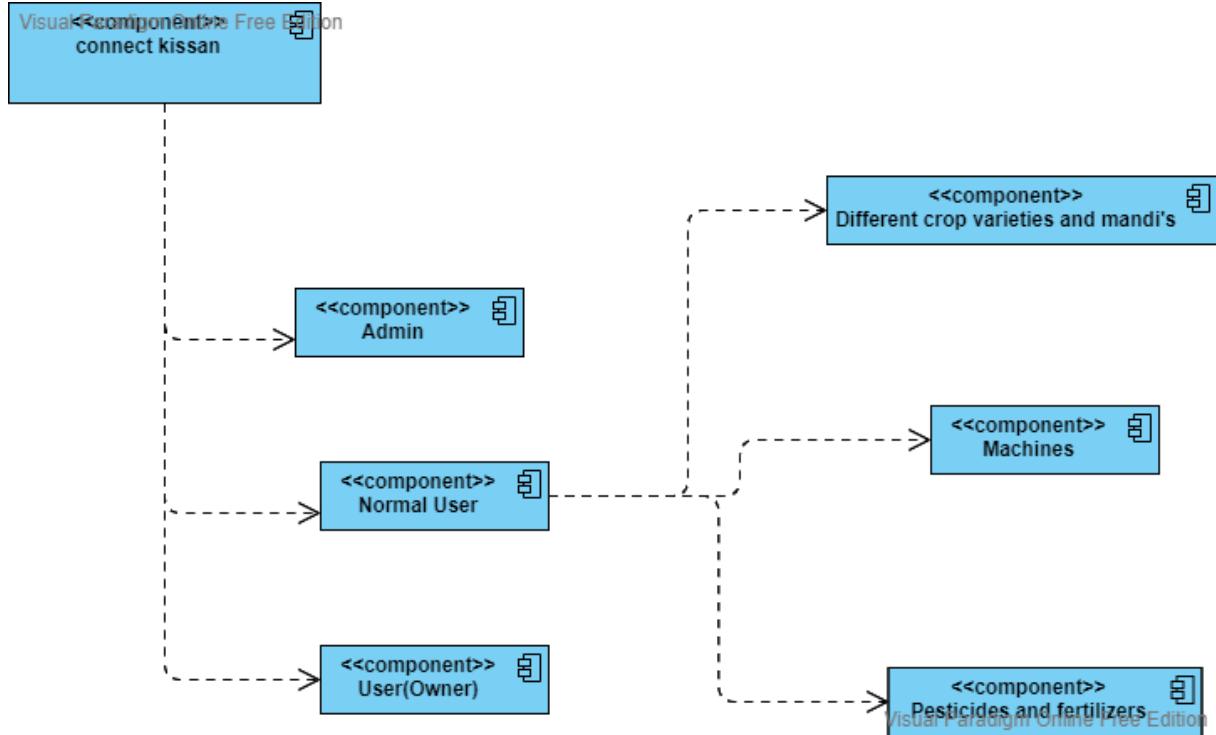
Use case Diagram (FYP2)



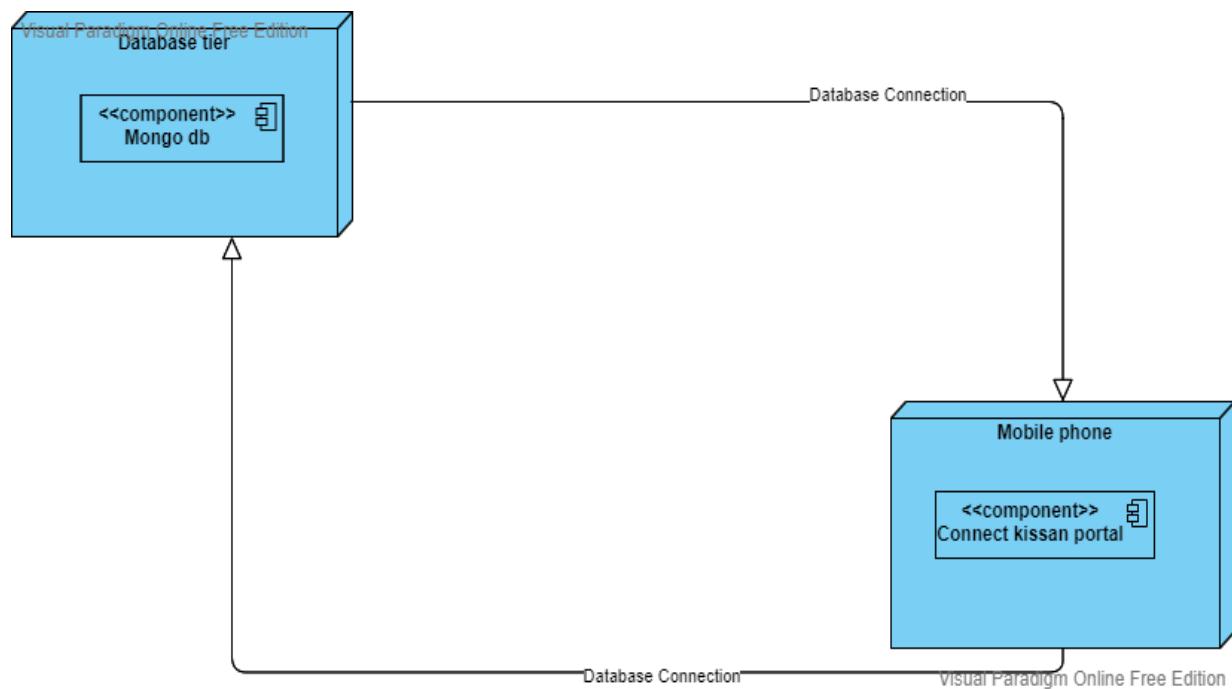
8.1.8 Component Diagram(FYP1)



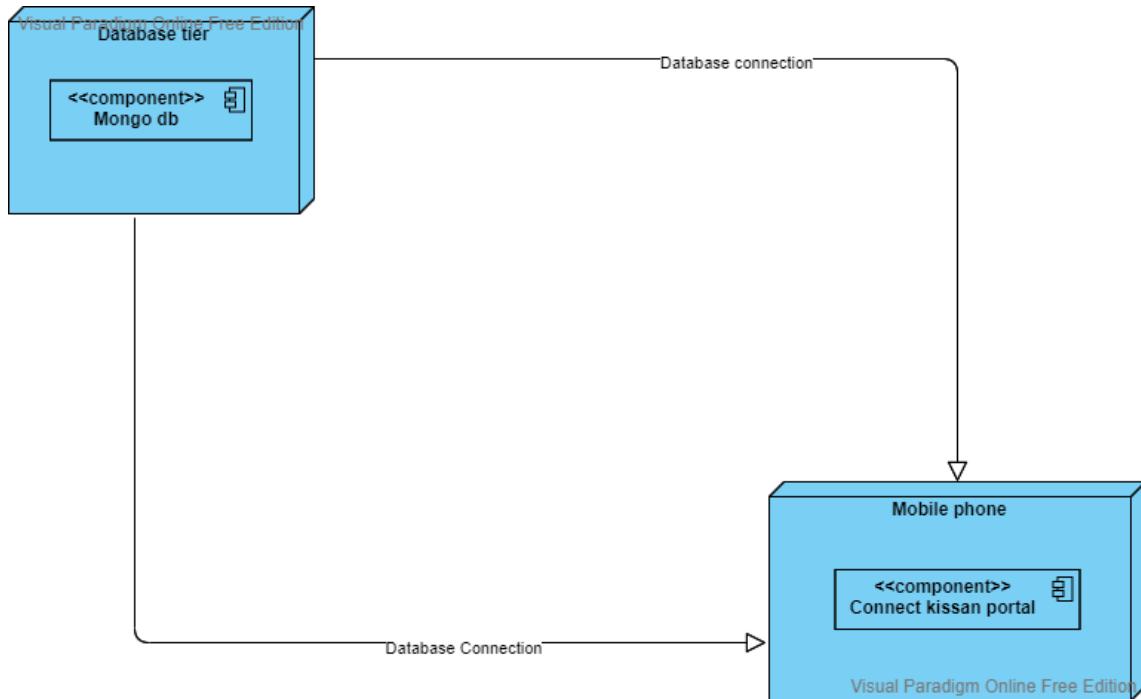
Component Diagram(FYP2)



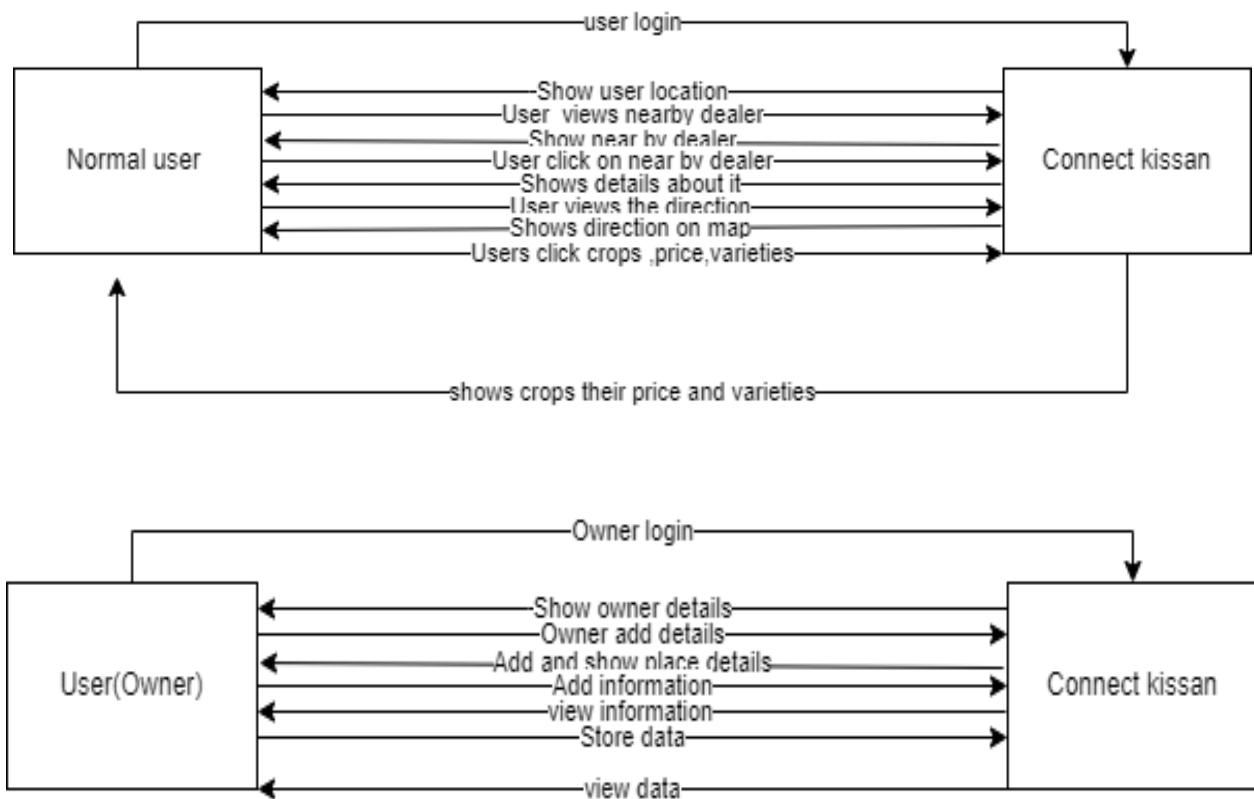
8.1.9 Deployment Diagram(FYP1)



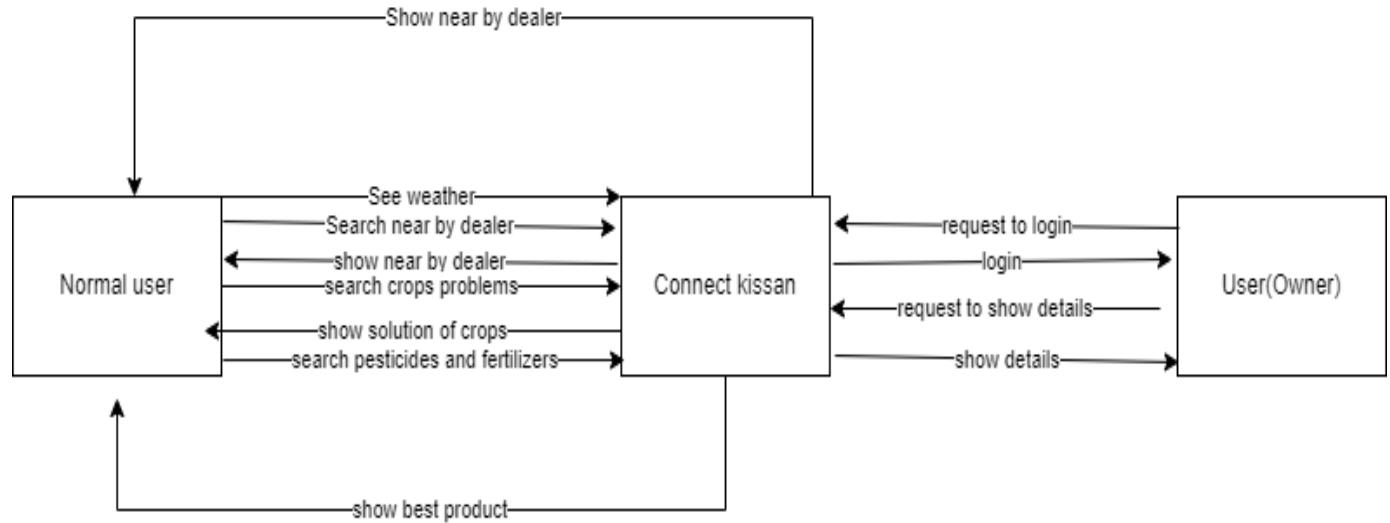
Deployment Diagram(FYP2)



8.1.10 System block diagram(FYP1)



System block diagram(FYP2)



Test Cases

Test Case # 1:

Test Case ID	Test Case Name	Test Case Summary	Test Case Steps	Expected Result	Actual Result	Pass/Fail
1	Sign in/Sign Up	In this test case the user will create their account and login to their account	1.Enter valid user details	Account Created	Message 'Account Created' is shown	Passed
			2. Enter invalid user details	Account Not Created	Message 'Account Not created' is shown	Failed
			3. Enter valid login details	Go to Homepage with user logged in	Homepage with user logged in is shown	Passed
			4. Enter invalid login details	Invalid username or password	Message 'Invalid username or password' is shown	Failed

Test Case # 2:

Test Case ID	Test Case Name	Test Case Summary	Test Case Steps	Expected Result	Actual Result	Pass/Fail
2	Edit profile	In this test case the user will be allowed to make changes in their profile.	1.Enter valid user details	Profile is Edited	Message 'Profile Edited' is shown	Passed

			2.Enter invalid user details	Profile Not Edited	Message 'Unable to edit profile' is shown	Failed
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Test Case # 3:

Test Case ID	Test Case Name	Test Case Summary	Test Case Steps	Expected Result	Actual Result	Pass/Fail
3	Find nearby dealers	In this test case the user will be able to find dealers of pesticides and machines	1.Location mode on.	Location tracked	Shows Dealers according to user area	Passed
			2.Location mode off	Cannot track location .	Location cannot be tracked hence cannot search for nearby Dealers	Failed
			3.Location mode on	No Nearby Dealer	Cannot find nearby Dealer	Failed

Test Case # 4:

Test Case ID	Test Case Name	Test Case Summary	Test Case Steps	Expected Result	Actual Result	Pass/Fail
4	Weather	In this test case the user will be Allowed the current location and get details about the current and next 5 days	Allow current location	Details shown	Weather for current and next 5 days display	Passed

Test Case # 5:

Test Case ID	Test Case Name	Test Case Summary	Test Case Steps	Expected Result	Actual Result	Pass/Fail
5	Pesticides and Fertilizers	In this test case the user will be able to see the best pesticides and fertilizers	1.Select a Pesticide or Fertilizer	Detail is shown	Shows a content of best pesticide or Fertilizer	Passed
			2.Select a Pesticide or Fertilizer	Cannot show details	No content is shown because website cannot find it	Failed

Test Case # 6:

Test Case ID	Test Case Name	Test Case Summary	Test Case Steps	Expected Result	Actual Result	Pass/Fail
6	Machines	In this test case the user will be able to see the Machines	1.Owner adds Machine name	Shows Machines	Shows Content and prices of machine	Passed

Test Case # 7:

Test Case ID	Test Case Name	Test Case Summary	Test Case Steps	Expected Result	Actual Result	Pass/Fail

6	Receive Advice	In this test case the user can get the advice regarding his problem	1.User fill form and click advice me button	Receive email regarding his issues	Received email	Passed
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Test Case # 8:

Test Case ID	Test Case Name	Test Case Summary	Test Case Steps	Expected Result	Actual Result	Pass/Fail
7	Admin Panel	In this test case the admin will be able to manage all the data of the Website.	1.Login using admin account	Login successful	Shows Admin Panel	Passed
			2.Manage details about the system	Mange details	All details of the system are managed	Passed
			3.Enters wrong details	Shows Error	Error is shown , details cannot be managed	Failed
			4.Deactivates user account	Deactivates user account for a time period	User account is deactivated	Passed

Iteration Plan

S.No.	Features	FYP Iterations			
		Iteration-I	Iteration-II	Iteration-III	Iteration-IV
F1	Account management	Requirements (80%)	Requirements (100%)		
		Design(40%)	Design(100%)		
			Implementation(80%)	Implementation(100%)	
			Testing	Testing	Testing
F2	Dealer near me	Requirements (50%)	Requirements (100%)		
		Design(0%)	Design(100%)		
			Implementation(20%)	Implementation(80%)	Implementation(100%)
			Testing	Testing	Testing
F3	weather	Requirements(100%)			
		Design(0%)	Design(100%)		
				Implementation(50%)	Implementation(100%)
				Testing	Testing
F4	Agricultural library	Requirements(60%)			
		Design(0%)	Design(100%)		
			Implementation(100%)		
			Testing	Testing	Testing
F5	Agricultural Advisory	Requirements(50%)	Requirements(100%)		
		Design(0%)	Design(50%)	Design(100%)	
				Implementation(50%))
				Testing	Testing
...
Output Features			F4	F1	F2,F3,F5

Meeting Log

FYP1

 SHAHEED ZULFIKAR ALI BHUTTO INSTITUTE OF SCIENCE & TECHNOLOGY KARACHI CAMPUS				
<u>Form IV: Student Log Form</u>				
Title: Connect Kissan				
Supervisor: Dr. Ifan Khan Janoli		Batch/Sec: 18-A Group #:		
Reg. # (Group members): Rajni Bai (1812130)				
Sr.	Task Assigned	Due	Task Completed (S)	Date (S)/Sign.
1	idea discuss and finalize project	12/10/2021	Yes	/
2	Discussion of proposal and PPT	27/10/2021	Yes	/
3	Discuss about New feature	5/11/2021	Yes	/
4	Discuss about Documentation	9/11/2021	Yes	/
5	Discussion for technology Material	12/11/2021	Yes	/
6	Discussion for documentation	26/11/2021	Yes	/

 SHAHEED ZULFIKAR ALI BHUTTO INSTITUTE OF SCIENCE & TECHNOLOGY KARACHI CAMPUS				
Sr.	Task Assigned	Due	Task Completed (S)	Date (S)/Sign.
7	Finalize Documentation and Discuss PPT for mid	10/12/2021	Yes	/
8	Meeting for Next work	12/12/2021	Yes	/
9	Discuss Results and feature checked	24/12/2021	Yes	/
10	Discuss website's feature	7/1/2022	Yes	/
11	test website and get info about correction	14/1/2022	Yes	/
12	Discuss SDS and correction	31/1/2022	Yes	/
13	complete frontend and test	28/1/2022	Yes	/
14	Complete Account management and contact	4/2/2022	Yes	/
15	test FYP I coding and Documentation	7/2/2022	Yes	/

Asif Janoli

Supervisor's Authentication (Completed report): _____

FYP Coordinator Authentication: _____

Dated: 03/10/22

Dated: _____

FYP2

	SHAHEED ZULFIKAR ALI BHUTTO INSTITUTE OF SCIENCE & TECHNOLOGY KARACHI CAMPUS			
<u>Form IV: Student Log Form</u>				
Title: <u>Commeck kissan</u>				
Supervisor: <u>Dr. ifsan khan tandoi</u> Batch/Sec: <u>B-A</u> Group #: _____				
Reg. # (Group members): <u>Rajni bai (1813136)</u>				
Sr.	Task Assigned	Due	Task Completed (S)	Date (S)/Sign.
1	discussion about remaining features	7/7/22	completed	<u>ifsan</u>
2	discussion about API	15/7/22	completed	<u>ifsan</u>
3	discussion about feature design	22/7/22	completed	<u>ifsan</u>
4	discuss weather forecast	29/7/22	completed	<u>ifsan</u>
5	test weather forecast	5/8/22	completed	<u>ifsan</u>
6	discussed map API	12/8/22	completed	<u>ifsan</u>

	SHAHEED ZULFIKAR ALI BHUTTO INSTITUTE OF SCIENCE & TECHNOLOGY KARACHI CAMPUS			
7	Discuss about dealer near me	19/8/22	completed	<u>ifsan</u>
8	discus about map API	26/8/22	completed	<u>ifsan</u>
9	working on API	29/8/22	completed	<u>ifsan</u>
10	discus about checkout	30/8/22	completed	<u>ifsan</u>
11	work on checkout	31/8/22	completed	<u>ifsan</u>
12	discus about PDF	2/9/22	completed	<u>ifsan</u>
13	working on PDF generate	5/9/22	completed	<u>ifsan</u>
14	check all the feature	7/9/22	completed	<u>ifsan</u>
15	Finalize project	9/9/22	completed	<u>ifsan</u>

(Handwritten signature over the table)

Supervisor's Authentication (Completed report): _____

Dated: _____

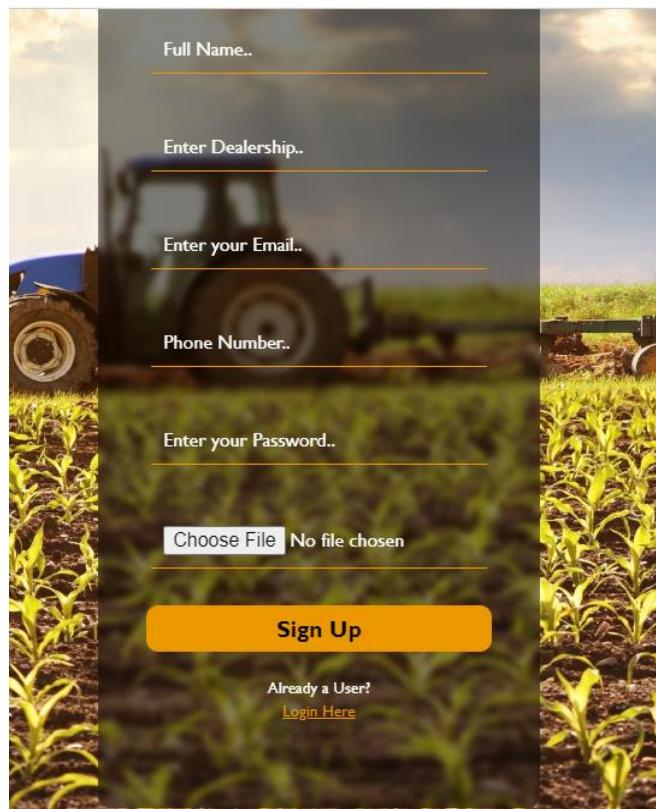
FYP Coordinator Authentication: _____

Dated: _____

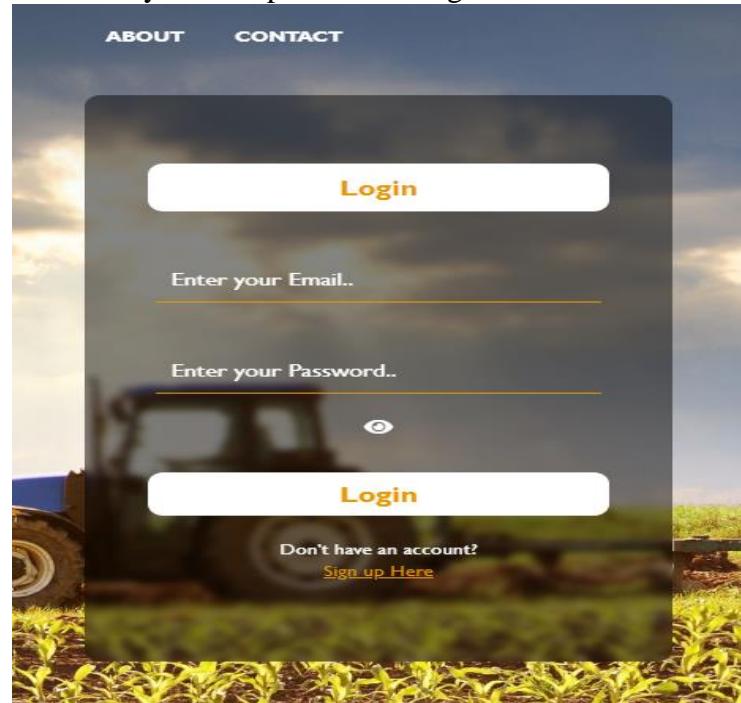
User Manual

Access the website: Open website on Google “CONNECT KISSAN”

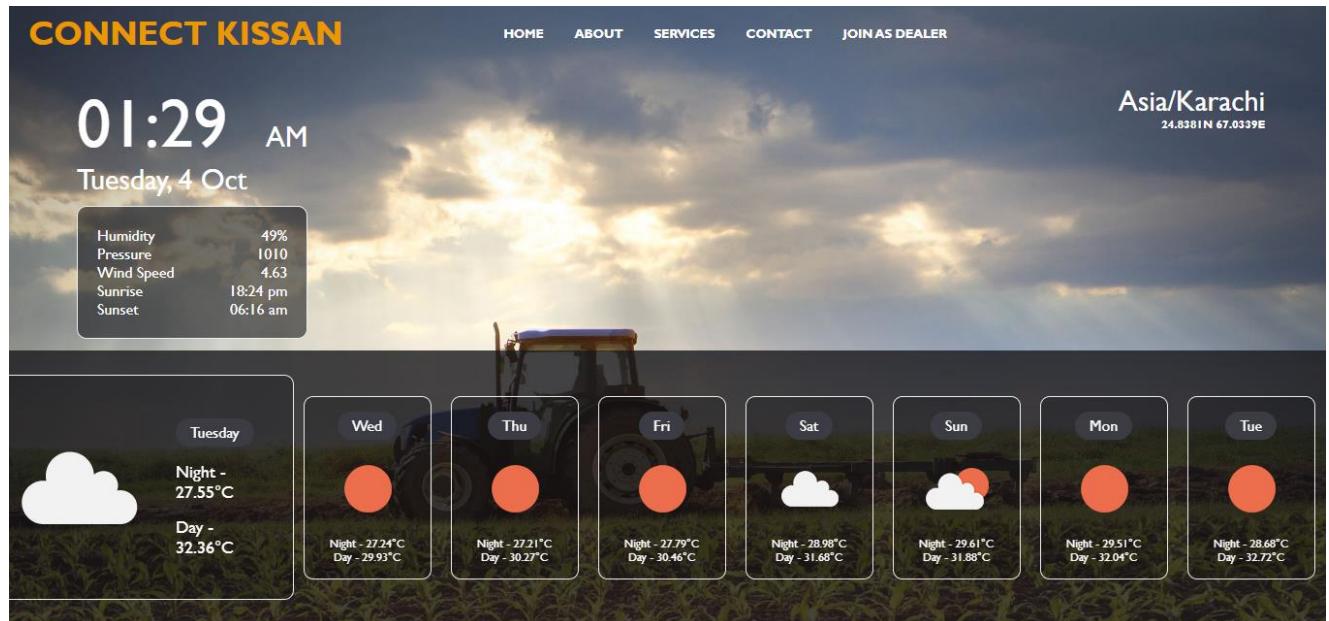
Register yourself as a User



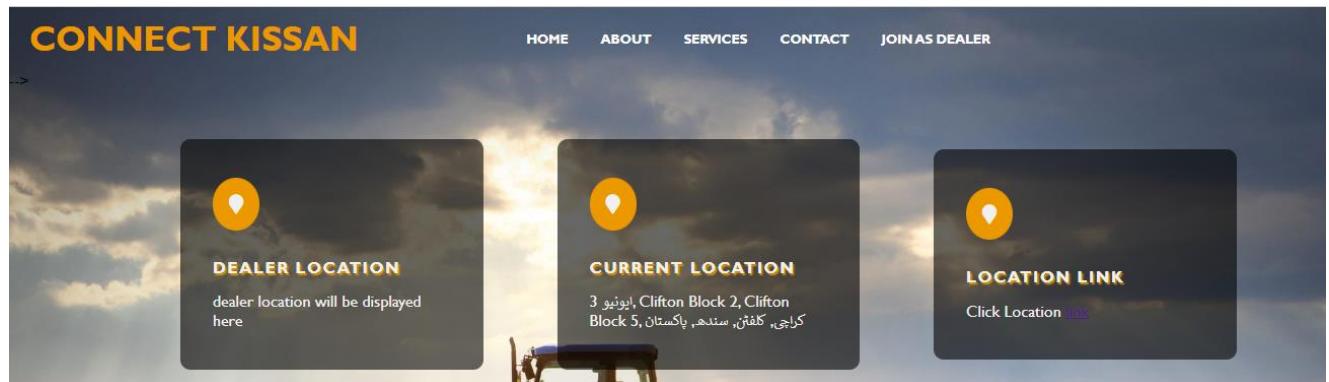
Login with valid credentials that you have provided in registration.



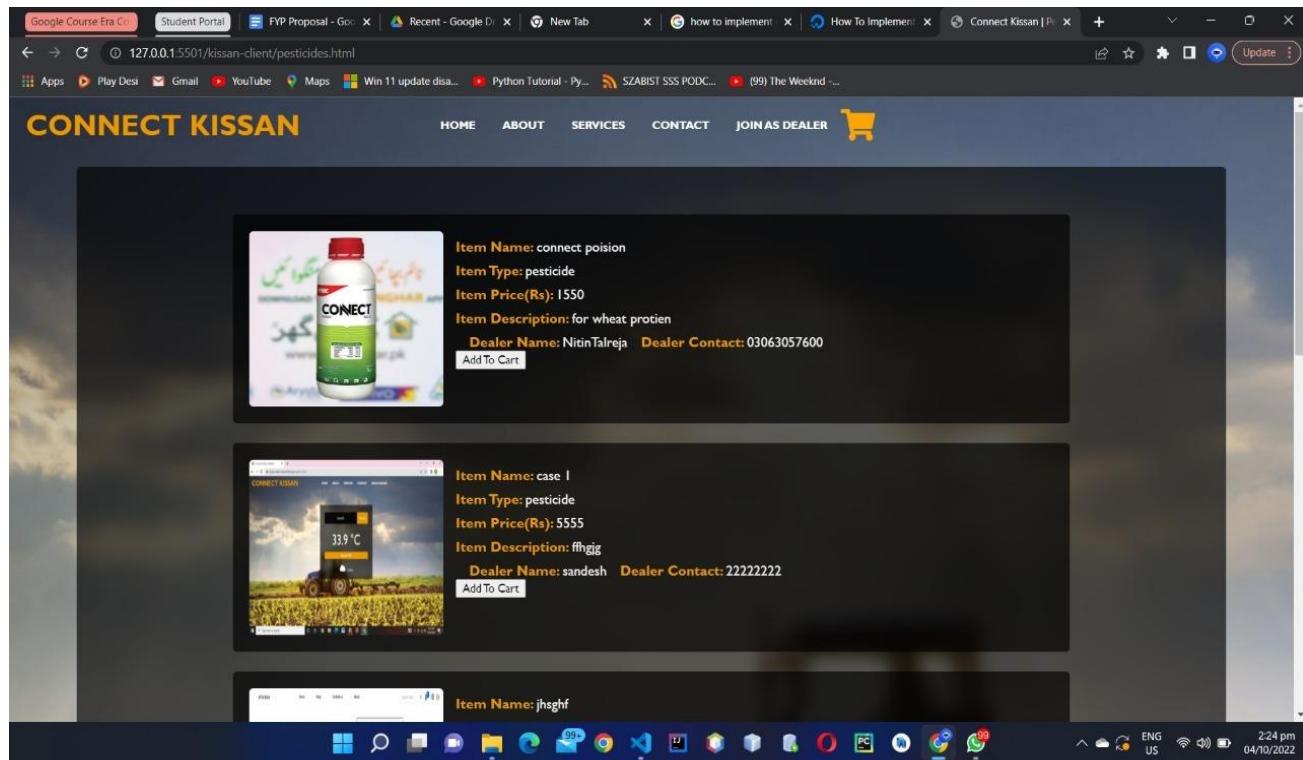
Weather Allow current location and check for current and next 5 days weather details



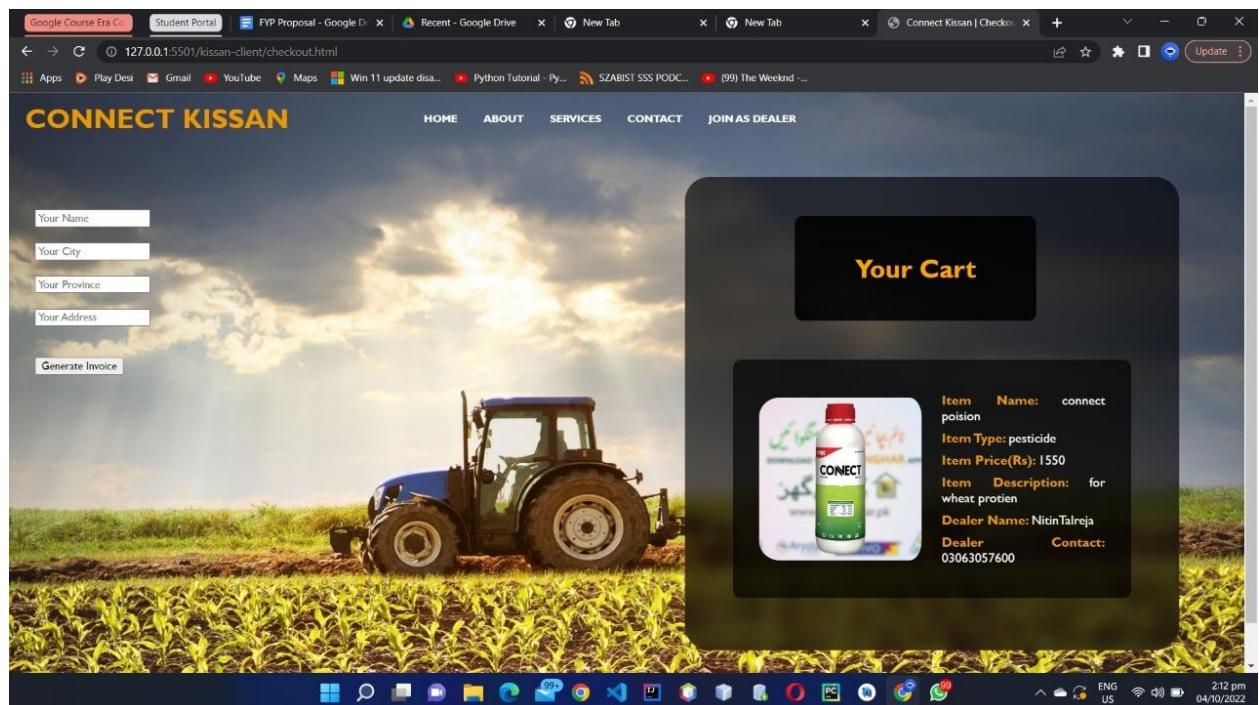
Dealer Near Me click dealer location and get the address link of dealer address



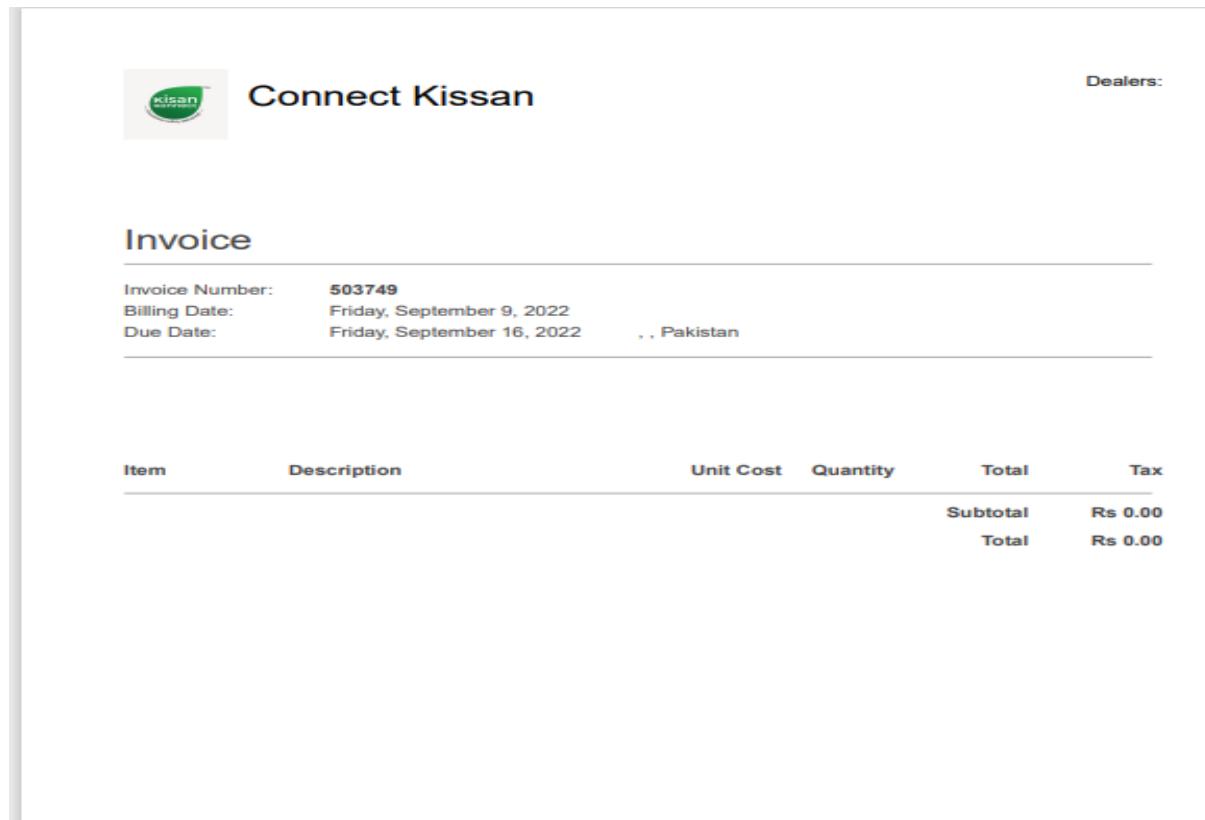
Crop/Pesticides/Machines check prize details quality of these products



Add to Cart buy any product that you want



Generate Invoice after buying product generate invoice as a bill



Advice ask any advice regarding to your problem for our best advisors

CONNECT KISSAN

HOME ABOUT SERVICES CONTACT JOIN AS DEALER

Advisory Form

First Name*

Last Name*

Phone Num

Email Address*

Message...

Library see any information about machines /pesticides/ crops

CONNECT KISSAN

HOME ABOUT SERVICES CONTACT JOIN AS DEALER



Select Language ▾
Powered by Google Translate

In our country wheat is cultivated largely (80 per cent), in irrigated areas whereas, rest in rain-fed. The yield and production in latter part of the country is predominantly controlled by rains during growing season, which usually are erratic. Hence yields are much lower during season of low precipitation.

There are of course three kinds of wheat cultivars, the long duration, the medium and short duration varieties. The wheat yields usually start declining after 20th Nov sowing at the rate of 20 kg per day.

Hence efforts must be made to plant it at optimum time. In cotton areas the sticks are by and large used as fuel in domestic house hold. Big heaps of cotton sticks can be seen along the roadside and in villages.

Translator provide for the ease of people according to their language

HOME ABOUT SERVICES CONTACT JOIN AS DEALER

Select Language ▾

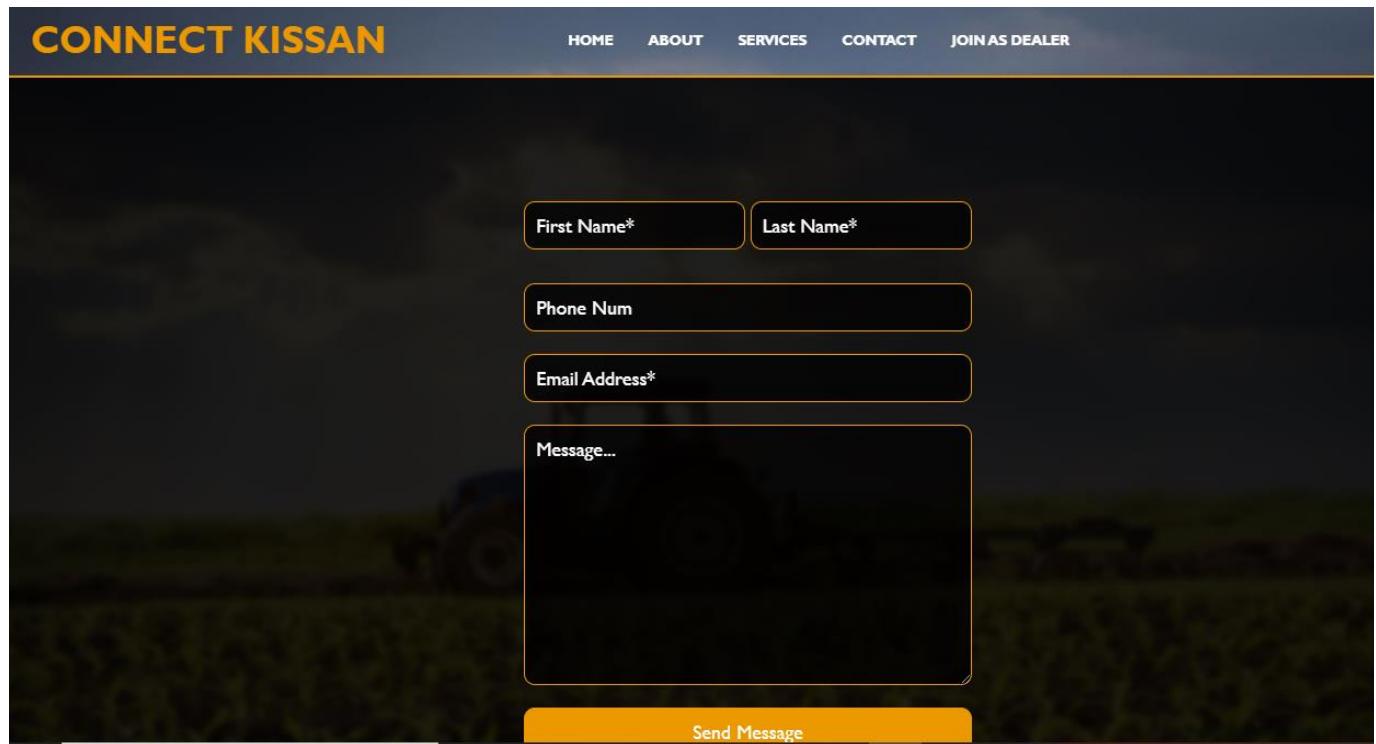
- Afrikaans
- Albanian
- Amharic
- Arabic
- Armenian
- Assamese
- Aymara
- Azerbaijani
- Bambara
- Basque
- Belarusian
- Bengali
- Bhojpuri
- Bosnian
- Bulgarian
- Burmese
- Catalan
- Cebuano
- Chichewa

Select Language ▾

Powered by Google Translate



Contact contact our team for any query



The contact form is set against a dark, slightly blurred background image of a tractor in a field. The form itself has a white background with yellow outlines for the input fields.

CONNECT KISSAN

HOME ABOUT SERVICES CONTACT JOIN AS DEALER

First Name*

Last Name*

Phone Num

Email Address*

Message...

Send Message

Plagiarism Report

This is to certify that RajniBai (1812130) had done their project FYP project “BHS (Beauty Home Service)” at the computer science Department of SZABIST, Karachi. This final FYP document is checked by their FYP supervisor.

Date: 30-sep-2022

Name of group leader: Rajni Bai

Signature: _____

Name of supervisor: Dr: Irfan Khan Tanoli

Designation: Data Science

Signature: _____

