Online Organic Product Supply System

A COURSE PROJECT REPORT

By

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Under the guidance of **Dr. P .Visalakshi**

In partial full fillment for the Course

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In

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Acknowledgement

We would like to express our gratitude to our Professor, Dr. P. Visalakshi who gave us the golden opportunity to do this wonderful project on the topic **" Online Organic Product Supply System "** which also helped us indoing a lot of research and we came to know about so many new things we are really thankful to him.

We are also thankful to all the other faculty, teaching and non-teaching staff members of our department for their kind co-operation and help.

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Index

CHAPTER-1
1.INTRODUCTION

The two main sections:
Backend: codes that are written in Python, PHP, ASP.Net to name but a few by the developer.
And Frontend which is markup showed by clients or users' browsers, and for doing this we should use HTML (Hyper Text Markup Language), it just shows some elements for users and doesn't run any functions.
When you go to a specific URL, your request is sent to your desired server and it'll render for your HTML of the site, in fact, the server runs any server-side functions.
The Front-End used in this project is HTML along with the CSS language. HTML is the standard markup language for creating Web pages.
• HTML stands for Hyper Text Markup Language
• HTML describes the structure of Web pages using markup
• HTML elements are the building blocks of HTML pages
• HTML elements are represented by tags
• HTML tags label pieces of content such as "heading", "paragraph", "table", and so on
• Browsers do not display the HTML tags, but use them to render the content of the page

1.1 Advantages of HTML:

1. The first advantage it is widely used.
2. Every browser supports HTML language.
3. Easy to learn and use.
4. It is by default in every window so you don't need to purchase extra software. 5.You can integrate HTML with CSS, JavaScript, php etc. The back-end database used in this project is **MySQL**
It is a language used to interrogate and process data in a relational database. Originally developed by IBM for its mainframes, SQL commands can be used to interactively work with a database or can be embedded within a script or programming language as an interface to a database. Programming extensions to SQL have turned it into a full-blown database programming language, and all major database management systems (DBMSs) support it. ANSI standardized SQL.
But most DBMSs have some proprietary enhancement, which if used, makes SQL non-standard. Moving an application from one SQL database to another sometimes requires tweaking, the age-old problem in this business!

1.2 Advantages of MySQL:

1.SQL Queries can be used to retrieve large amounts of records from a database quickly.
2.SQL is used to view the data without storing the data into the object
3.SQL joins two or more tables and show it as one object to user
4.SQL databases use long-established standard, which is being adopted by ANSI & ISO. Non-SQL databases do not adhere to any clear standard.
5.Using standard SQL, it is easier to manage database systems without having to write substantial amount of code.

CHAPTER-2

2.1 About the Project:

The Online Organic Supply (Agriculture) is based on providing organic fresh vegetables and fruits to the customer rather than buying the vegetables from the market which wouldn't be fresh. It helps in linking the customer indirectly with the farmer with the help of an intermediator who is the middle agent.

2.1.2 The main features of Online Organic Supply:

1. It provides fresh vegetables.

2. Customers need not go to markets to buy vegetables.

3. Farmers and Middle Agent can earn money through this easily.

4. They can insert, update, and delete the details which they require.

5. Vegetables and Fruits will be delivered to their door step and are very fresh.

2.1.3 Objectives:

1. Facilitate Access to Fresh Organic Produce.

2.Support Farmer’s Livelihoods.

3. Streamline Supply Chain.

4. Improve Convenience for Customers by offering doorstep delivery.

5.Empower Middle Agents.

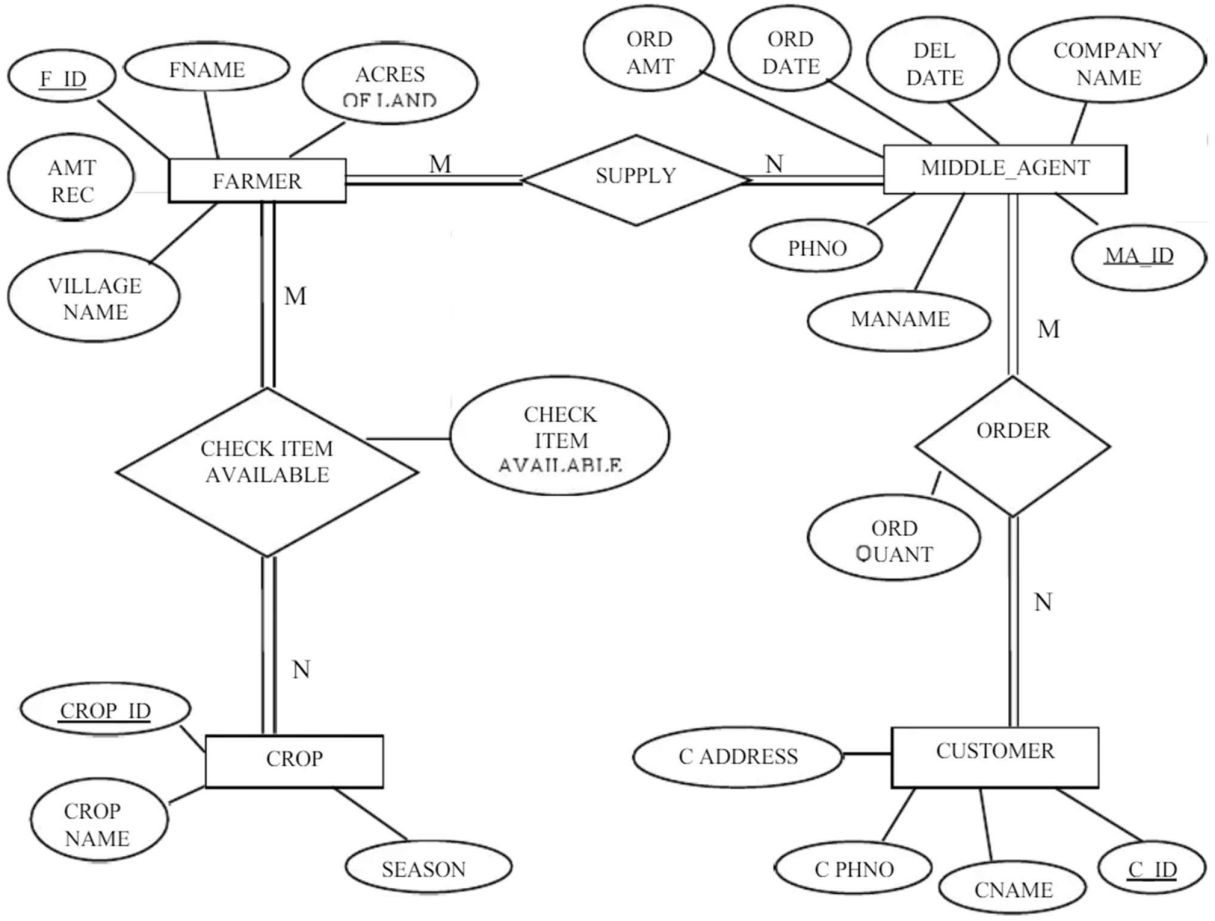
6.Promote Health and Well-being

7.Mitigate Environmental Impact

CHAPTER-3
3.1 Backend Design

3.1.1 Conceptual Database Design(ER-Diagram):

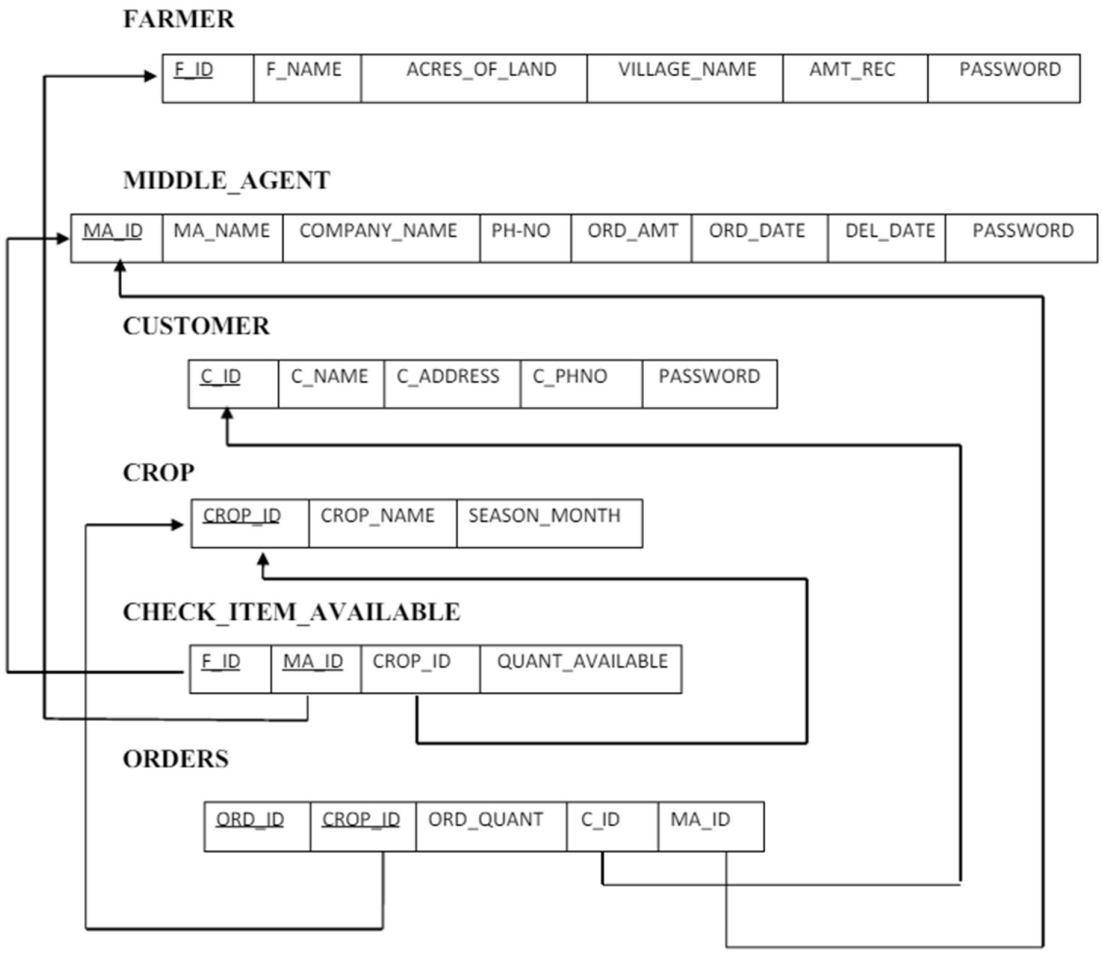
An entity relationship diagram (ERD) shows the relationships of entity sets stored in a database. An entity in this context is a component of data. In other words, ER diagrams illustrate the logical structure of databases.



3.1.2 Logical Database Design(Schema Diagram):

A database schema is the skeleton structure that represents the logical view of the entire database. It defines how the data is organized and how the relations among them are associated. It formulates all the constraints that are to be applied on the data.

A database schema defines its entities and the relationship among them .It contains a descriptive detail of the database, which can be depicted by means of schema diagrams.



3.2 Front End Design:

3.2.1 Front End web Development Details:

The languages commonly used in frontend web development for a movie recommendation system include

HTML (Hypertext Markup Language), Used for structuring the content and layout of web pages

CSS (Cascading Style Sheets). Used for styling the visual presentation of HTML elements, including colors, fonts, layouts, and animations.

JavaScript: Used for adding interactivity and dynamic behavior to web pages, such as handling user input, performing client-side validations, and implementing interactive features like sliders, dropdown menus, and pop-up dialogs

Additionally, frontend frameworks and libraries like React.js, Angular p, or Vue.js may be employed to streamline development, enhance code maintainability, and improve user experience These frameworks are based on JavaScript and provide reusable components. state management, and other features to facilitate frontend development.

3.2.2 Connectivity(Front end and Back end):

PHP is an amazing and popular language!

It is powerful enough to be at the core of the biggest blogging system on the web (WordPress)!, It is deep enough to run the largest social network (Facebook)! It is also easy enough to be a beginner's first serverside language!

•PHP is an acronym for "PHP: Hypertext Preprocessor" PHP is a widely-used, open source scripting language

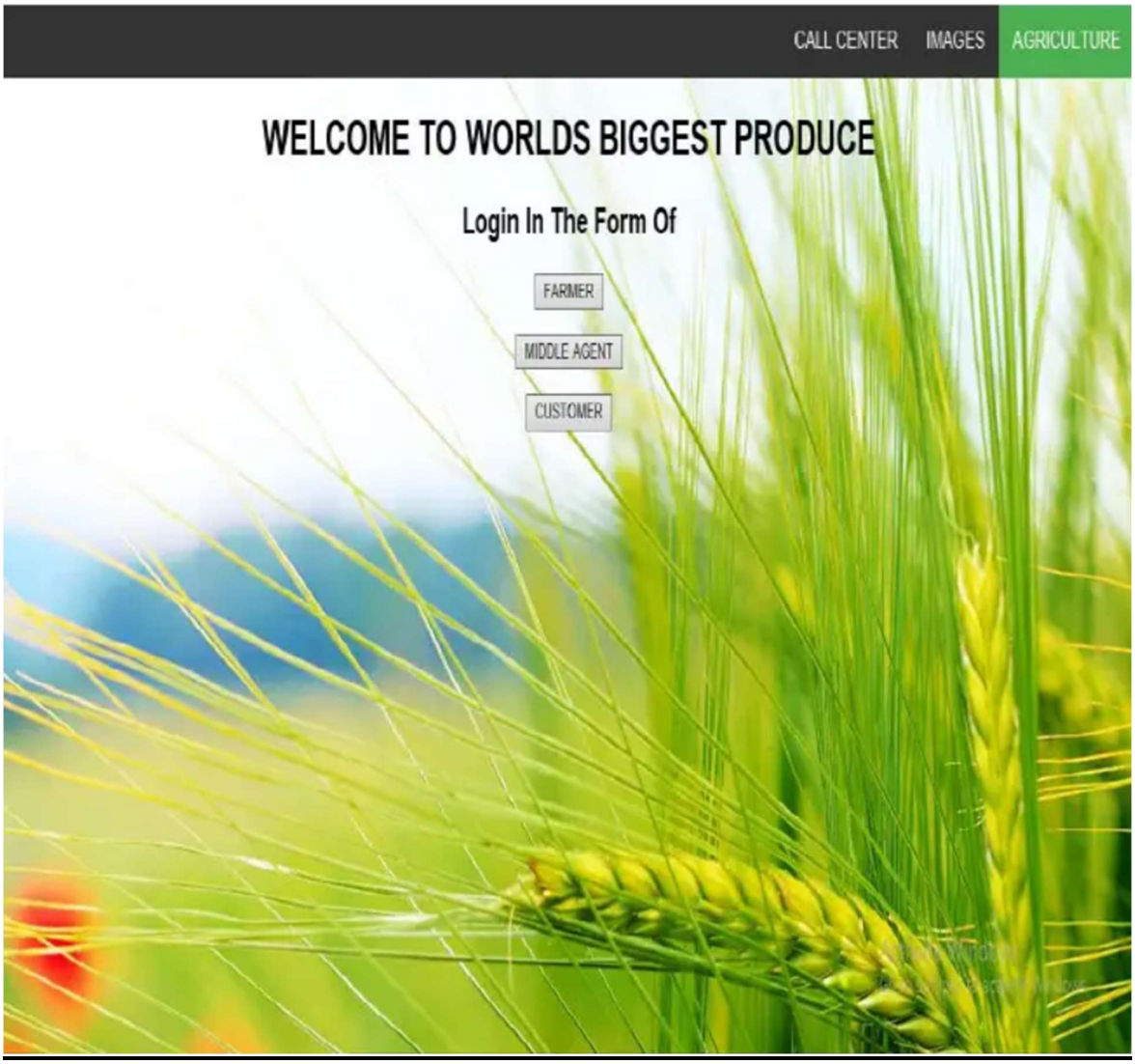
• PHP scripts are executed on the server PHP is free to download and use

•PHP files can contain text, HTML, CSS, JavaScript, and PHP code PHP code are executed on the server, and the result is returned to the browser as plain HTML

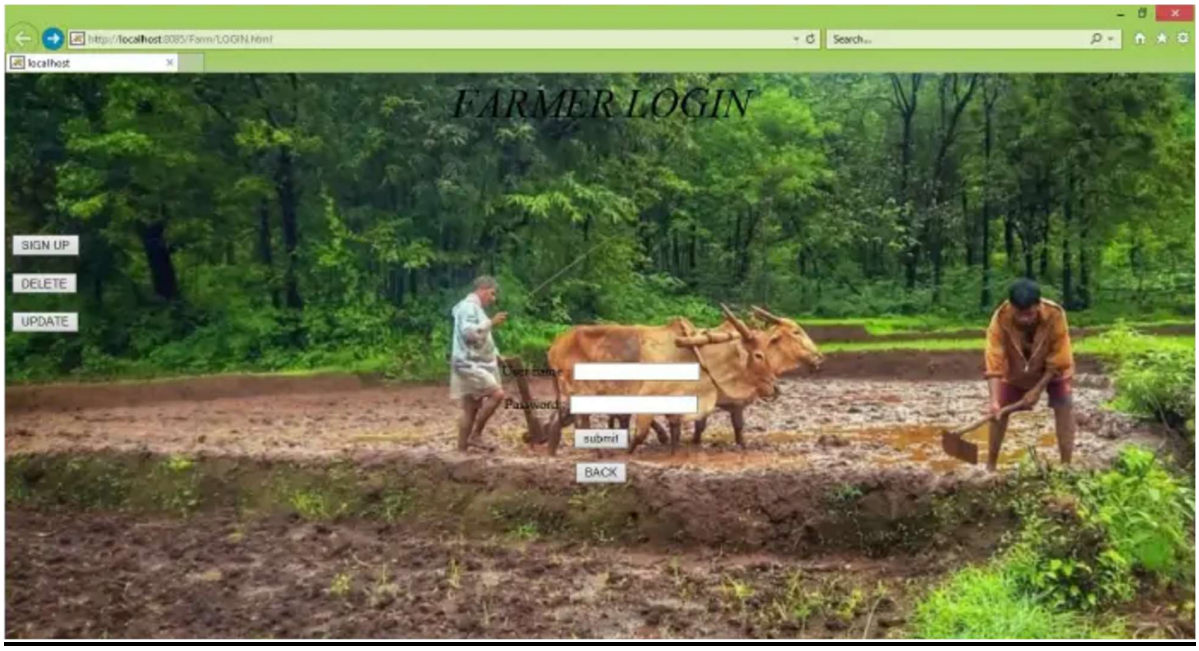
•With PHP you are not limited to output HTML. You can output images, PDF files, and even Flash movies. You can also output any text, such as XHTML and XML

CHAPTER-4
4.1 Output

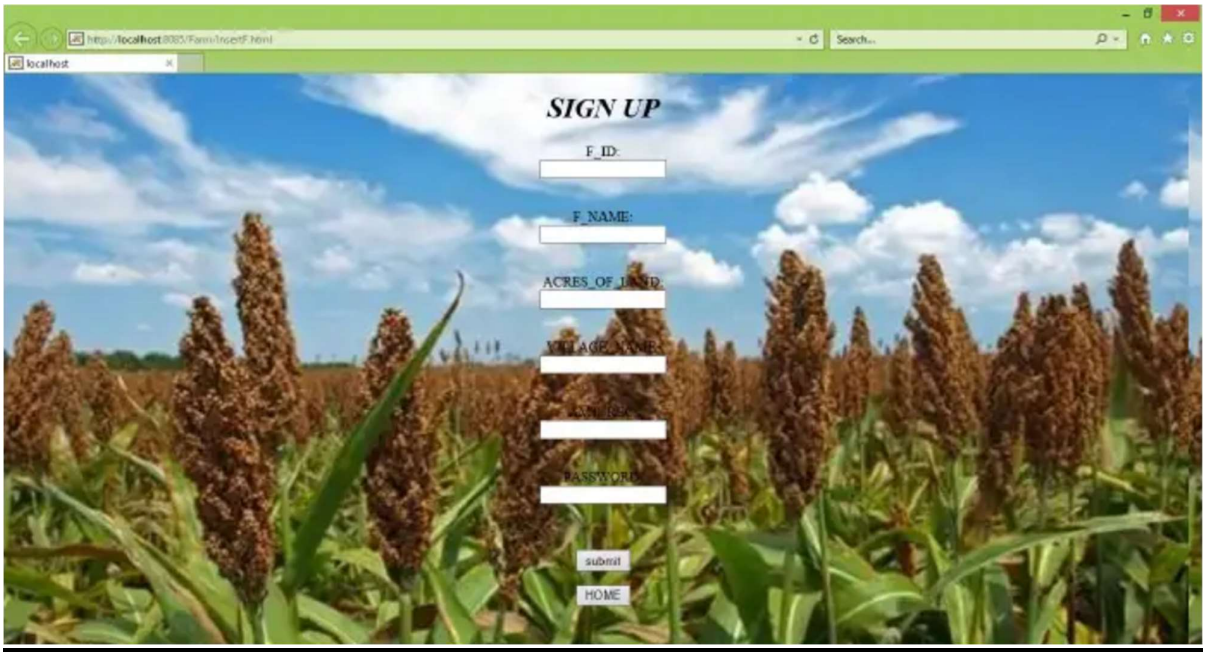
4.1.1 Home Page:



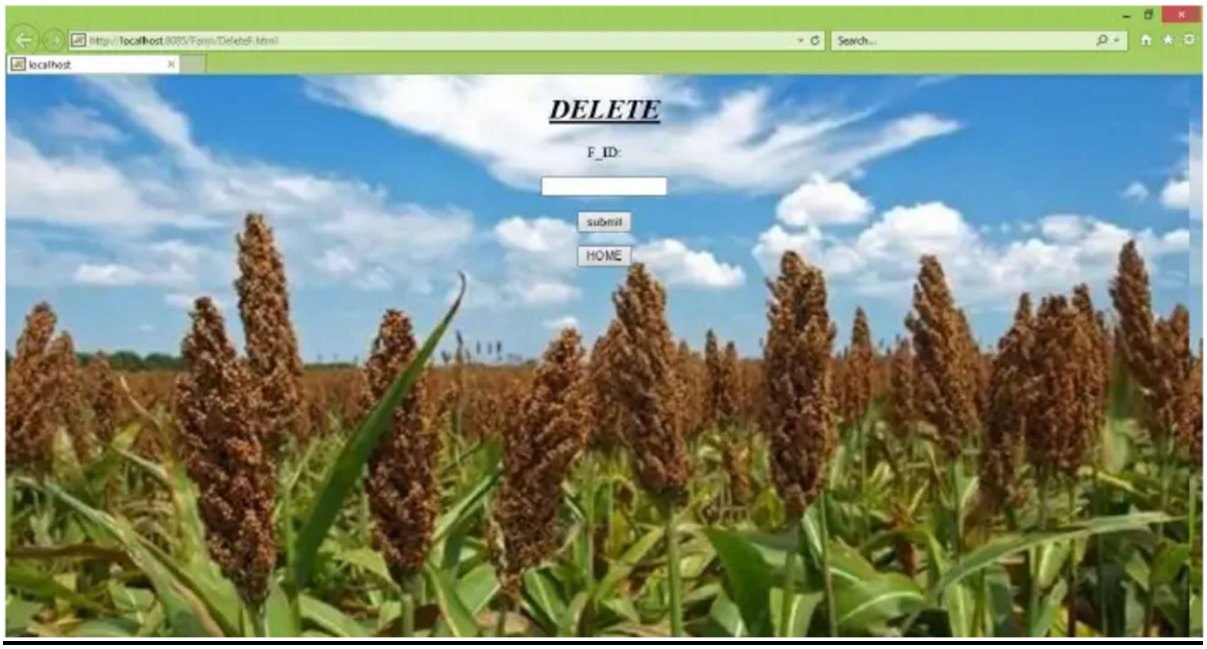
4.1.2 Login Page:



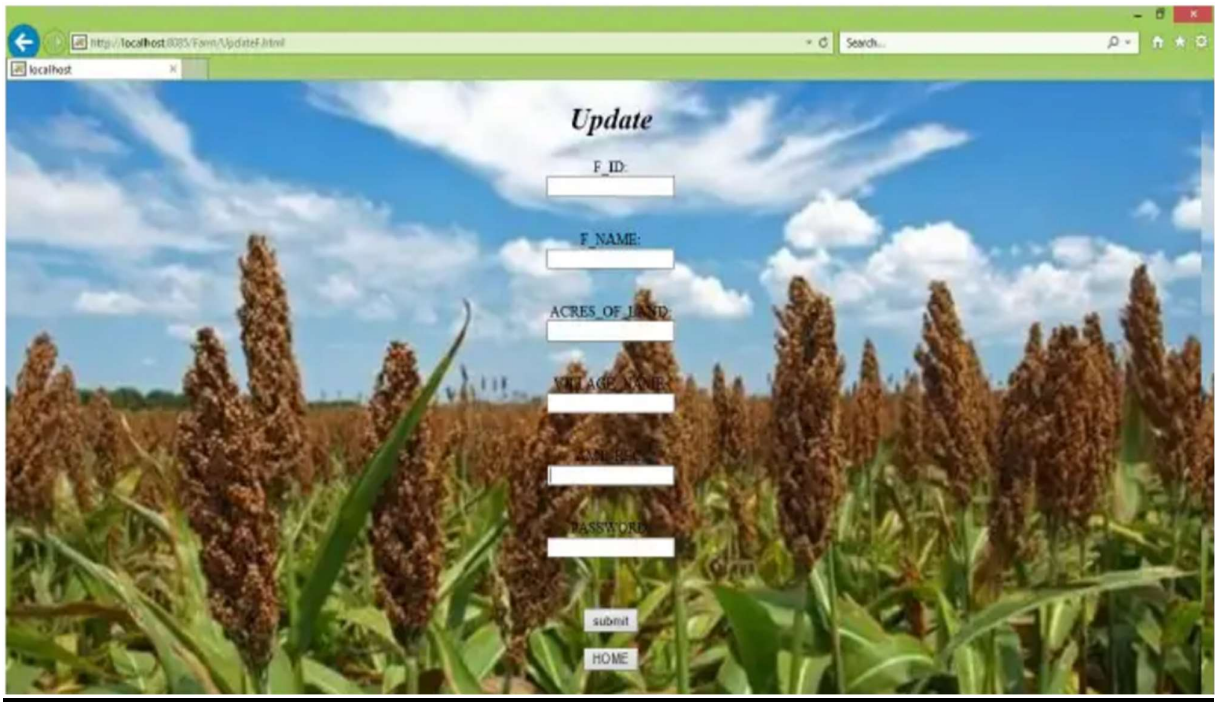
4.1.3 Insert Page:



4.1.4 Delete page:



4.1.5 Update Page:



5.1 MODULES:

1. Farmers Module:
Farmers: Cultivate organic vegetables and fruits.

2.Middle Agent Module:
Middle Agents: Serve as intermediaries between farmers and customers.

3.Customer Module:
Customers: Individuals who purchase organic produce from the online platform.

5.1.2 Applications:

Farmers Module:

Application: Farmers can use the platform to reach a wider customer base beyond local markets, increasing their sales and income. This enables them to sustain their livelihoods and invest in their farms, ultimately improving their quality of life.

Middle Agent Module:

Application: Middle agents can efficiently manage store orders and update order details, ensuring smooth transactions between farmers and superstores. This allows them to streamline their business operations, generate revenue, and establish themselves as key players in the supply chain, enhancing their financial stability.

Customer Module:

Application: Customers benefit from the convenience of purchasing organic produce from superstores without the need to physically visit multiple stores. They can easily place orders, track shipments, and make payments online, saving time and effort. By accessing fresh and high-quality produce, customers can improve their overall health and well-being, leading to a better quality of life.

6.Conclusion

In conclusion, the Online Organic Supply project offers a transformative solution to modern-day challenges faced by farmers, middle agents, and consumers alike. By leveraging technology to connect farmers directly with customers through an efficient online platform, the project not only promotes the consumption of fresh, organic produce but also empowers local communities and promotes sustainable agriculture practices.

Through this project, farmers gain access to a broader market, enabling them to earn a sustainable income and improve their livelihoods. Middle agents play a crucial role in facilitating transactions and ensuring smooth operations, while consumers enjoy the convenience of doorstep delivery and access to high-quality organic produce.

Furthermore, the project fosters transparency and accountability throughout the supply chain, building trust among stakeholders and promoting a sense of community. By promoting healthy eating habits, supporting local farmers, and reducing environmental impact, the Online Organic Supply project embodies the principles of social responsibility and sustainability.

7.BIBILOGRAPHY

It has been a matter of immense pleasure, honor and challenge to have this opportunity to take up this project and complete it successfully.

We have obtained information from various resources to design and implement our project. We have acquired most of the knowledge from the Internet.

The following are some of the resources:

1.www.w3schools.com

2.www.tutorialspoint.com

3.Google and Youtube Tutorials.