Farmers Shop

Project SRS Documentation

ABSTRACT:

India is an agro based country. The main livelihood of the majoritarian population here is through farming who dwells in villages and feed the whole country. Food is one of the basic necessities of a human being, which is fulfilled by the framers. However, they fail to get proper price of the food they sell in the market. Hence, they are deprived from getting profits for their food. FARMERS SHOP helps them in getting proper price for their food and even get profit for their efforts.

for the farmers in which they can get maximum pricing for their outcomes. To be sold to the wholesale venders. This idea is Farmer shop in which farmers can sell their food   for the highest price for their food to be sold and can earn profit. Also, farmers can register themselves and have various other facilities such as feedback, contact to the wholesalers, price notifications etc.

INTRODUCTION:

The farmers who grow crops according to the season and fertility of the soil, after growing the crops they accumulate the crops, further process and pack them and contact the wholesale vendors regarding the availability of stock. The wholesale vendor first asks the price to the farmer who tells the price at which he/she can sell at. The wholesale vendor aiming for his own profits negotiates with the farmer regarding the price the poor framers sacrificing their profits generally accept the price quoted by the wholesale vendor. So, he/she sell their food at low prices due to some unfavorable conditions such as financial problems, unavailability of wholesale vendors or market etc.

Some farmers who live very near to the cities bring their stock directly to the wholesale markets and sell their stock to the retailers and end customers. But for the farmers who live in the remote areas, it is not possible for them to come to the cities do frequently and sell their stock directly in their quoted price. Hence, they have no other option but to contact the wholesale vendor for selling their products in the market.

Keeping in mind the various issues which a farmer faces such as poor financial conditions, indebtedness, etc. for these problems, the farmers expects to get profit or even the price quoted at par for some or other improvement. But then he/she has to agree upon the low price quoted by the wholesale vendors due to some situation such as absence of unreachability of to the market, unavailability of other wholesale vendors etc, with expectation of some improvement though the money earned he/she bears lots as well. This happens due to the negotiation and saving mentality of the buyer. The seller quotes the high price aiming at his high profit but the buyer negotiates at low price considering their savings and due to the poor conditions of the farmers they are obliged to accept the low price from the wholesale vendors with expectation of some income. Hence, the farmers are unable to make profits.

Despite of all the hard work and patience to grow the food, farmers play a major role in the agriculture life cycle but still they fail to get profit due to their poor conditions.

TOOLS AND TECHNOLOGY:

Hardware Processor -
- Intel ® Core™ i3-2370 CPU @2.30GHz

Installed Memory (RAM) -
- 512 MB or above

Operating System -
- Windows7/8/xp/10/11
- Linux
- Mac

System Type -
- 32/64 bit Operating System

Internet Connection-
- Required After Hosting

Software Interface -

Frontend / Client-Side:
- Html (Hyper Text Markup Language)
- JS (Javascript)
- CSS (Cascading Style Sheet)
- Bootstarp (CSS Framework for Styling)

Backend / Server-Side:
- Python
- Django Framework
- DTL (Django Template Language)

Database:
- PostgreSql
- Sqlite

Software Used:
- VS Code (Visual Studio Code Editor)
- Sublime Text Editor
- DB Visualizer
- PgAdmin 4
- Chrome Browser

MODULES:

1) Main Module:

- Homepage
- About Page
- Contact Us Page
- Products
- Product Detail
- Login for Farmer and Buyer
- Register for Farmer and Buyer (farmer account need verification)
- Search Functionality
- Checkout Page

2) Farmer Module:

- Farmer Dashboard
- Profile
- Add Product
- Product List
- Sales Report
- Orders

3) Buyer Module:

- Buyer Dashboard
- Profile
- Orders

4) Admin Module:

- Admin Dashboard
- Users (create, read, update, delete)
- Messages (create, read, update, delete)
- Products (create, read, update, delete)
- Product Category (create, read, update, delete)
- Purchased Products (create, read, update, delete)
- User Profile (create, read, update, delete)