

# Mini Project Report

## eKisan-The Farmers First Approach

### GROUP MEMBERS:

- Harsha Achara 01
- Rachna Bahrani 08
- Aishwarya Bhavsar 17

## ABSTRACT:

eKisan-A Farmer's First Approach facilitates a single window solution to the farmers and stakeholders to discriminate the information.

## PROBLEM STATEMENT:

This platform will allow large buyers caterers, hotels and online retail chains to buy vegetables and fruits directly from farmer produce organisation .

## SOLUTION :

Bulk buyers of perishable commodities such as fruits and vegetables in Maharashtra can side step middleman while procuring fresh produce by the end through the "ekisan" portal, an exchange platform to be operated by us.

The ekisan web application is the part of overall project to establish a direct purchase system linking farmers with buyers .

## INTRODUCTION TO SYSTEM:

This system is important to farmers so that they can get the desirable price of their crops. In this project we have focused upon this problem and tried to help the Indian farmers in a maximum possible way. We have provided services to the farmers for uploading the crops-The name, image and description of the crop which will mainly include variety price quantity of the crops and the farmers contact number. Depending on the requirements of the

retailers, they can directly contact to the respective farmer for further details. For uploading products the farmers have to first register to the site. Only the registered farmer will be able to see the admin panel which will consists of-view product and add product. In view product, the products that are uploaded by the that farmers will be visible.

## GOALS AND OBJECTIVES:

### GOALS:

Our vision is to connect the most efficient source-our farmers to the highest demand centre-our consumers without the need of a commission negotiator across Maharashtra.

### OBJECTIVES:

Ekisan connects farmers and consumers in a friendly and elegant way.

Famer's don't have any storage facilities or infrastructure to store their products. Moreover, inadequate transport and communication facilities for this farmers to worry.

Their is an absence of proper standardisation or grading of products.

Thus,our objective is to show a correct and profitable path to farmers as well as to provide nutritious and the good quality of products to the urban people giving no place to commision agent anywhere at all in this process.

## FUNCTIONAL AND NONFUNCTIONAL REQUIREMENTS:

Our main goal which was to connect the farmers to retailers without the involvement of the third person have been implemented in the functionalities like login page etc.

As we are limited on knowledge and some resources some part of the full system is left as non-functional like we cannot deal with the issues of the farmers as we are unable to receive their problems through emails as we unaware of the mailing features.

### FUNCTIONALITIES:

1. Seller registration
2. Login System
3. Seller Authentication(Non unregistered person can see the admin panel)

### NON-FUNCTIONALITIES:

1. No change in credentials

## 2. No mailing features

# TECHNOLOGY STACK USED:

## FRONT END:

### Html 5:

**HTML5** is a markup language used for structuring and presenting content on the World Wide Web. It is the fifth and current version of the HTML standard.

### CSS 3:

Cascading Style Sheets (CSS) is a style sheet language used for describing the look and formatting of a document written in a markup language.**CSS3** is a latest standard of css earlier versions(CSS2).

### Javascript:

Used in Web pages, **JavaScript** is a "client-side" programming language. This means **JavaScript** scripts are read, interpreted and executed in the client, which is your Web browser. By comparison, "server-side" programming languages run on a remote computer, such as a server hosting a website.

### JQUERY:

**jQuery** is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation.

## BACK END:

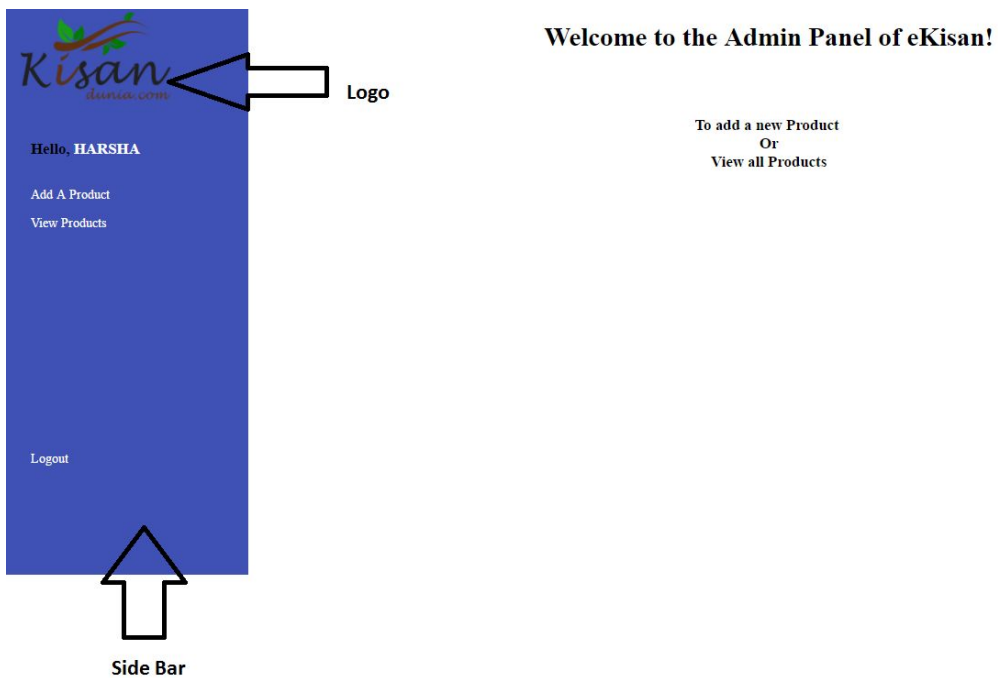
### PHP:

**PHP** (recursive acronym for **PHP**: Hypertext Preprocessor) is a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML.

### MySQL:

**MySQL** is an open source relational database management system (RDBMS) based on Structured Query Language (SQL).

## SCREEN DESINGS:



## IMPLEMENTATION STRATEGY :

The strategy is to upload data from seller along with his username for the convenience and then fetching entire data about product to the front end of all the visitors irrespective of the seller selling it.

Main key is managing seller login which is stored in a session variable and is called during the data entry as well when the admin panel is on.

Techniques Used Are:

Session management ,login management,data uploading and storing.Data retrieving and displaying that data.

## Conclusion:

- ❑ This web application is intended to help both farmers as well as retailers.
- ❑ Moreover,the middle-class population will be benefited directly.
- ❑ While it was generally agreed that the price was reasonable and the variety wide,more than half of those surveyed felt that the quality of food could be improved upon,particularly in the areas of the taste of the food ,size of food portions and the freshness of ingredients.
- ❑ We are inclined to provide the best solution for the son



of the soil and the king of market.

- ❑ An effective marketing program brings together all of the elements of the marketing mix to achieve our objectives.
- ❑ Thus, the most successful web application 'ekisan' can meet the needs of farmers and retailers effectively.