**Internship Project**

**On**

**Website and Application Development for**

**Vegetables Market Logs**

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**Team: Proactors**

1. **Sahil Saklani:** Navbar section, Cart, Parallax Design, sign in, Sign up, Backend.
2. **Prabhakar Khanal:** Footer section, About us page, Content Searching.
3. **Rachit Badoni:** Services, Testimonials, Item Section.

1. **Priyanshu Bhatt:** Contact us section, Feedback Page.
2. **Kshitiz Goyal:** Images, Logo, Pricing Page, Dataset, Backend, Report and Documentation.

**Sabzi Wala**

# INTRODUCTION

The website is a vegetable and fruit vending platform that aims to provide fresh and quality produce at reasonable prices to everyone in India. The website connects customers with local mandi vendors who deliver the products directly to their doorstep. The website offers a convenient and hassle-free way of shopping for vegetables and fruits online, with features such as easy registration, secure payment, and fast delivery. The website caters to the needs and preferences of the common people, who want to save time and money while enjoying healthy and nutritious food. The website also supports the livelihoods of the mandi vendors, who can reach a wider market and increase their income. The website is a win-win solution for both customers and vendors, and it contributes to the development of the agricultural sector in India.

## SOFTWARE REQUIREMENT

* + - Front end:
      * Html
      * CSS
      * Java
    - Back end:
      * Php
      * NodeJS
      * Express
      * Apache Sql
      * Xampp

## HARDWARE REQUIREMENT

* + - Android version 2.3 ginger bread(minimum, android user’s)
    - 2GB ram
    - 1.2 GHz processor
    - Intel i5
    - Windows 7/8/8.1/10

## FUNCTIONAL REQUIREMENT

* **Customer login:**

The website should allow customers to log in with their username and password, or with their social media accounts, such as Facebook or Google. The website should also provide options to reset or change the password, or to log out.

* **Customer sign up**:

The website should allow customers to sign up with their name, email, phone number, and password. The website should also verify the email and phone number of the customers, and send them a welcome message.

* **Previous prices**:

The website should display the previous prices of the products, along with the current prices, so that customers can compare and see the changes. The website should also show the price trends and fluctuations over time, using graphs or charts.

* **Services:**

The website should describe the services that it offers to the customers, such as delivery, payment, refund, cancellation, customer support, etc. The website should also provide the terms and conditions, policies, and FAQs related to the services.

* **Privacy:**

The website should ensure the privacy and security of the customers’ personal and financial information. The website should also provide a privacy policy that explains how the website collects, uses, shares, and protects the data of the customers.

* **Contact us:**

The website should provide a contact us page that allows customers to send queries, feedback, complaints, or suggestions to the website. The website should also provide the contact details of the website, such as email, phone number, address, or social media links.

* **About us:**

The website should provide an about us page that introduces the website’s vision, mission, values, team, partners, achievements, etc. The website should also provide the history and background of the website, and its goals and objectives.

# Non Functional Requirements

## Usability Requirement

The system shall allow the users to access the system from the phone, PC using web application. The system uses a web application as an interface. Since all users are familiar with the general usage of web app, no special training is required. The system is user friendly which makes the system easy.

## Availability Requirement

The system is available 100% for the user and is used 24 hrs a day and 365 days a year. The system shall be operational 24 hours a day and 7 days a week.

## Efficiency Requirement

Mean Time to Repair (MTTR) - Even if the system fails, the system will be recovered back up within an hour or less.

## Accuracy

The system should accurately provide real time information taking into consideration various concurrency issues. The system shall provide 100% access reliability.

## Performance Requirement

The information is refreshed depending upon whether some updates have occurred or not in the application. The system shall respond to the member in not less than two seconds from the time of the request submittal. The system shall be allowed to take more time when doing large processing jobs. Responses to view information shall take no longer than 5 seconds to appear on the screen.

## Reliability Requirement

The system has to be 100% reliable due to the importance of data and the damages that can be caused by incorrect or incomplete data. The system will run 7 days a week, 24 hours a day.

## USE CASE DIAGRAM

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## Sequential diagram

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# ER diagram

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* 1. **Assumptions and Dependencies**

The product needs following third party applications for the development of the project:

* + - Chrome Browser (To view the application)
    - Visual Studio Code (for development of Web based applications)
    - Photoshop (for editing layouts, icons, buttons, etc)
    - Thunder Client VSCode Extension (to manage and view the Json File)
    - Xampp (Local Host server used to test clients or websites to remote server)
    - Apache SQL ( used for processing structured and semi-structured datasets.