

#### M.V.P.SAMAJ'S

## K.T.H.M COLLEGE, Nashik

(K.R.T ARTS, A.M.SCIENCE AND B.H.COMMERCE

COLLEGE)

Project Report On

# Online Vegetable Store

# **Management System**

**Developed by** 

**Om Gadekar** 

Akshay Jadhav

Shubhankar Chavan

B.C.A. (Science)

(2021-2022)

Under the Guidance of

**Prof. Deepak Derle** 

Professor, Dept. of Comp Sci. K.T.H.M College Dr. R.A Patil

BCA Coordinator , Dept. of Comp Sci. K.T.H.M College Dr. M.N Shelar

Professor and HOD Dept. of Comp Sci. K.T.H.M College



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## **CERTIFICATE**

This is to certify that project report on

# Online Vegetable Store

# **Management System**

Has been successfully completed by,

Om G<mark>a</mark>dekar Akshay Jadhav Shubhankar Chavan

For fulfillment of T.Y.B.C.A. (Science)

During the academic year 2021-2022

(Project Guide) (Head of Department) (Internal Examiner) (External Examiner)

**Prof. Deepak Derle** Professor, Dept. of Comp Sci. K.T.H.M College **Dr. M.N Shelar**Professor and HOD
Dept. of Comp Sci.
K.T.H.M College

# **INDEX**

Sr.No	Contents	Page.No
1.	Introduction	1
2.	Requirement Specification :	2
	<ul><li>Hardware Requirement</li><li>Software Requirement</li></ul>	
3.	Existing System	3
4.	Proposed System	4
5.	Feasibility Study	5
6.	ERD	6
7.	DFD	7
8.	Database Design	14
9.	Data Dictionary : Tables	15
10.	Screenshots	18
11.	Benefits of Proposed System	43
12.	Limitation of Proposed System	44
14.	Bibliography	45

# **INTRODUCTION**

India is the second largest fresh vegetable producer in the world, with growing economy and urbanization, demand for fresh vegetables has increased exponentially but in this hectic lifestyle trying to find quality vegetables and fresh produce which are pure and not treated with any preservatives and fertilizers is a difficult job.

Currently the only places from where you can get vegetable is from small vendors in your locality or from big grocery chains, if you want products at good price you go for small vendors but you cannot be sure about the quality, to get the best you need to go there physically, if you go for big stores, you are getting a branded and quality checked produce but their rates are absurdly high and to keep their vegetables fresh for longer they are often treated with preservatives and other chemicals which are not good for the human body.

This is exactly where our project of online vegetable store management comes in, where we aim to combine the affordability and quality to serve our customers with best products in the market, which are directly delivered from the farm to their home with just a click of a button.

# **REQUIREMENT SPECIFICATION**

### **Hardware Requirement:**

Processor: AMD Ryzen 5 4600H

• RAM: 8GB RAM

• HDD: 1 TB

## **Software Requirement:**

• OS: Windows

• MySQL

• PHP

Apache

# **Programming Languages:**

• Frontend: HTML5, CSS3, PHP

• Backend: MySQL

# **EXISTING SYSTEM**

In the existing system we need to face the following problems:

- ❖ Need to go to the vendors physically to get the best quality vegetables.
- Cannot be sure if the product is fresh or not.
- Prices in big stores are very high.
- Vegetables available in big stores are often treated with preservatives for longer shelf which are not good for the human body.
- Prices are not fixed, so sometimes you end up paying more than its actual price.
- Farmers often don't get a fair price for their produce from traders.

# **Proposed System**

- ❖ In our system we aim to deliver quality assured products to our customers directly from farmers with just a click of a button.
- Farmers receive an fixed and fair rate for the products they provide
- ❖ People can order from anywhere anytime with the use of our website from their comfort.
- Because of not needing a middle man the prices can be kept very affordable.
- ❖ We aim to perform same day delivery, so customers don't have to wait multiple days to get what they want, and doing so also minimizes the chance of quality degradation so customers can be sure they are best the freshest product.

# **Feasibility Study**

Feasibility study is very important for the organization to see if the project taken is feasible for the organization or not.

### 1. Operational Feasibility

The present system is not very transparent for the user and quality is not consistent across the system. The new system will greatly reduce human efforts and will provide maximum transparency. Proposed system will be help in managing the data more efficiently and make running the overall organization much easier.

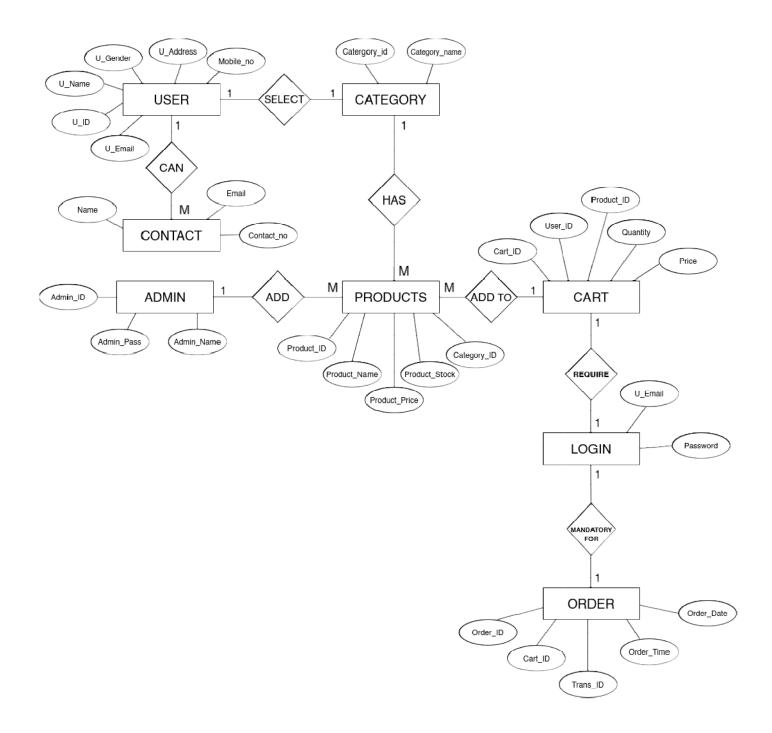
#### 2. Technical Feasibility

Developing the proposed system is feasible with all the software and hardware resources that are currently available. As project being a web project no physical space is required for the system.

## 3. Economical Feasibility

The availability of hardware, software and all the required equipments, the cost is greatly reduced compared to the total work required for the system. The project is completely economically feasible.

# **ER Diagram**

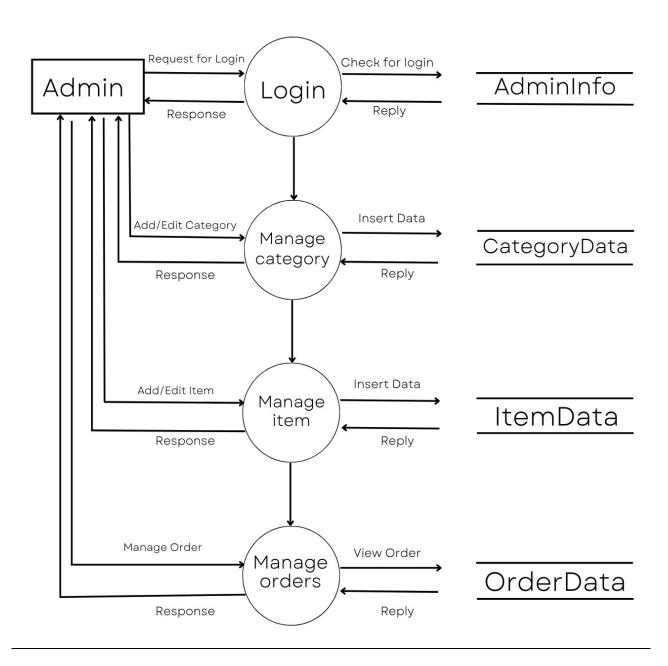


# <u>Data Flow Diagram</u> (<u>DFD</u>)

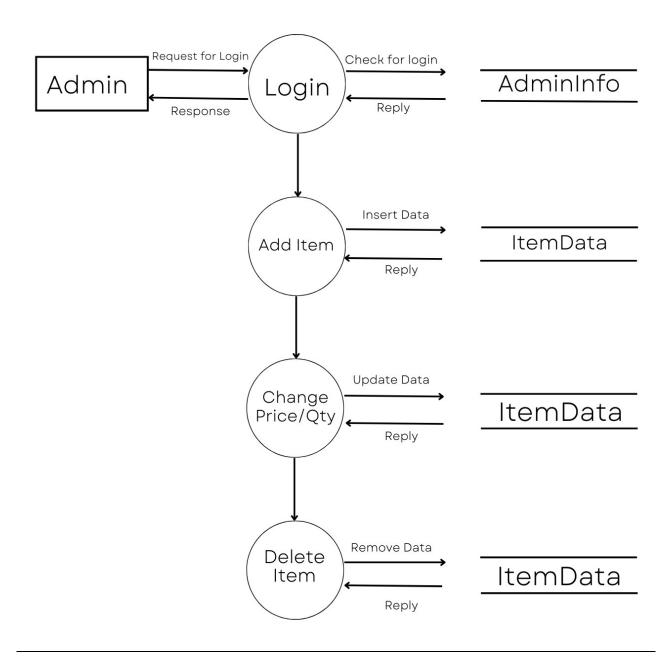
## Level 0:



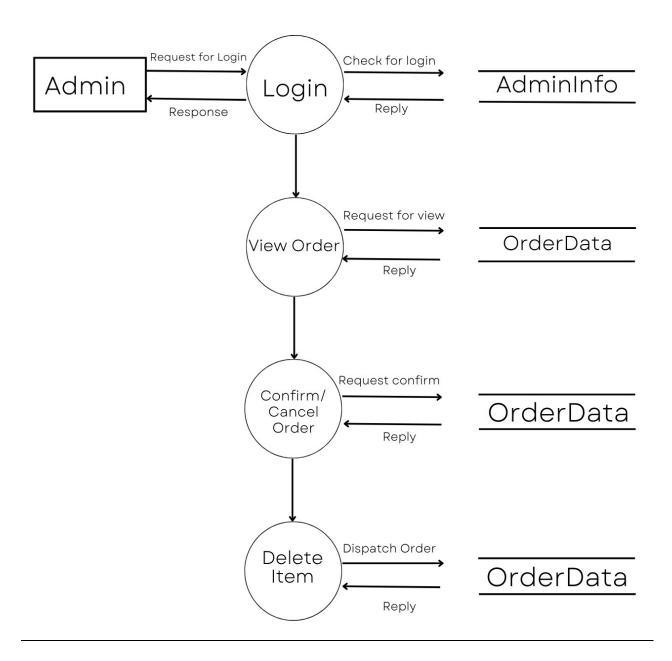
## Level 1 (Admin):



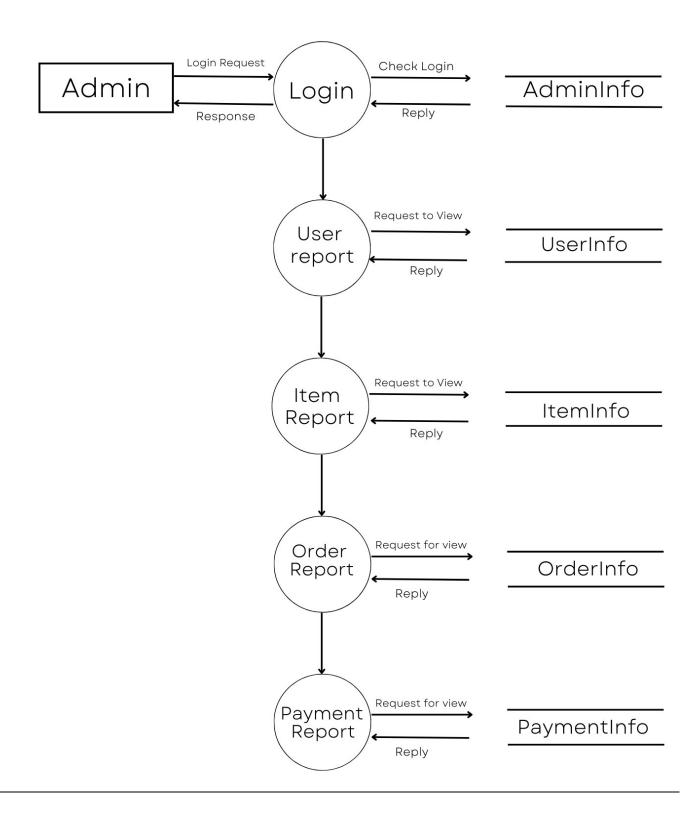
## Level 2 (Admin):



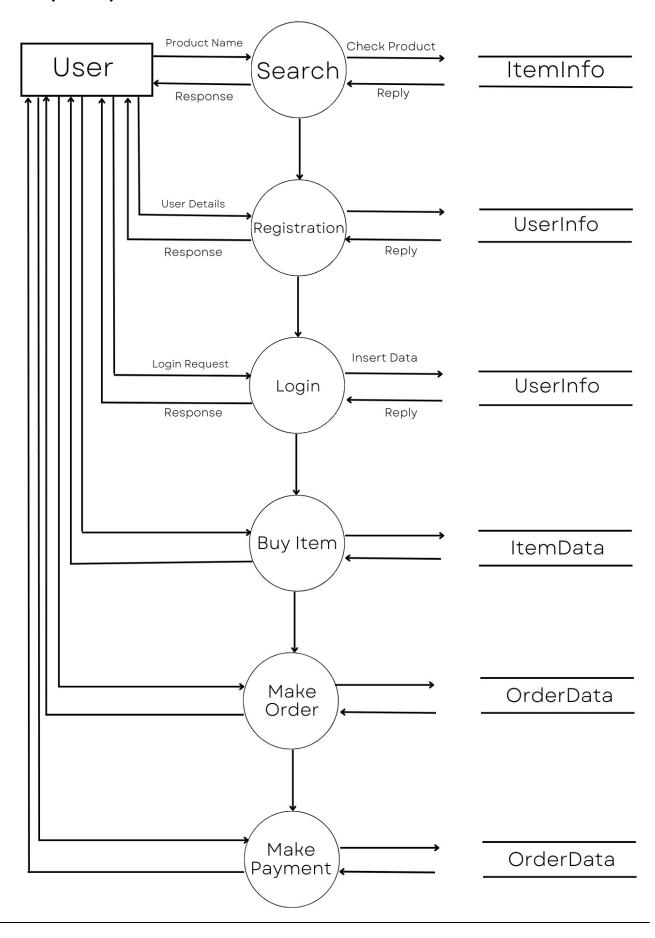
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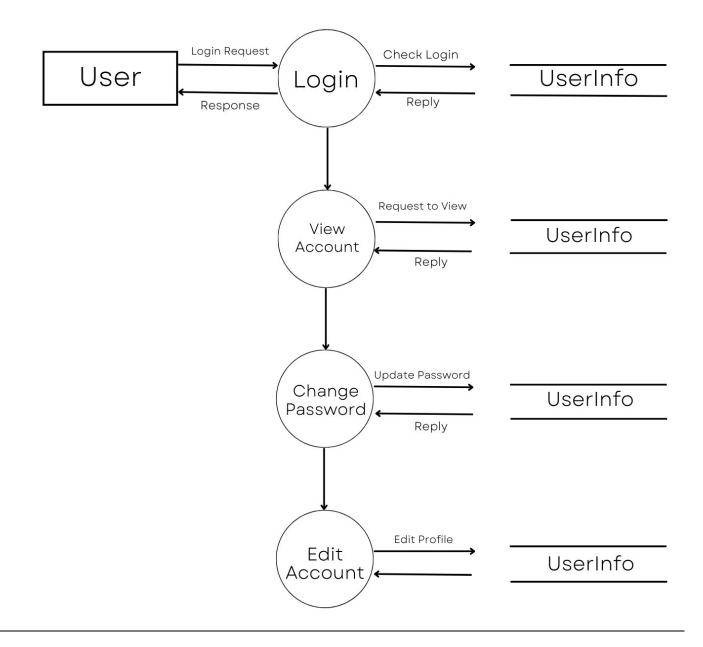
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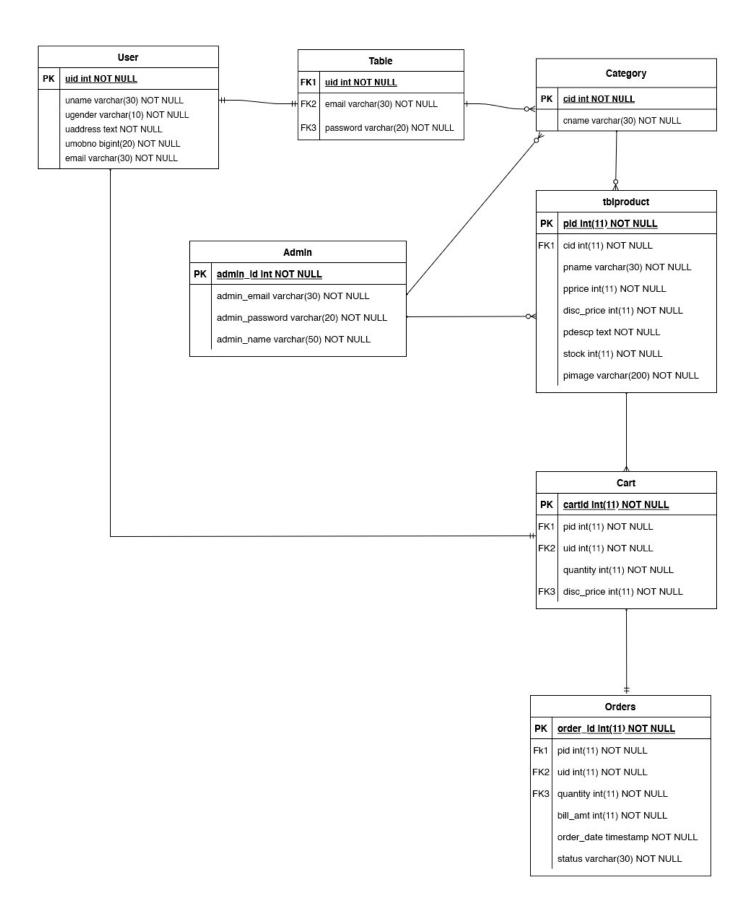
# Level 1 (User):



# Level 2 (User):



# **DATABASE DESIGN**



# **Data Dictionary: Tables**

#### • Admin Table

Field Name	Data Type	Length
Admin_id	int	Primary Key
Admin_email	Varchar	30
Admin_password	Varchar	20
Admin_name	Varchar	50

#### • User Table

Field Name	Data Type	Length
Uid	Int	Primary Key
Uname	Varchar	30
Ugender	Varchar	10
Uaddress	Text	
Umobno	BigInt	20
email	Varchar	30

## • Login Table

Field Name	Data Type	Length
Email	Varchar	30(Foreign Key)
Password	Varchar	20(Foreign Key)
Uid	Int	Foreign Key

#### • Cart Table

Field Name	Data Type	Length
Cartid	Int	Primary Key
Uid	Int	Foreign Key
Pid	Int	Foreign Key
Quantity	Int	Foreign Key
dprice	Int	Foreign Key

# Category Table

Field Name	Data Type	Length
cid	int	Primary Key
cname	varchar	30

#### Orders Tables

Field Name	Data Type	Length
Order_id	Int	Primary Key
Pid	Int	Foreign Key
Uid	Int	Foreign Key
Quantity	Int	11
Bill_amt	Int	11
Order_date	Timestamp	
Status	varchar	30

# • Product Table

Field Name	Data Type	Length
Pid	Int	Primary Key
Cid	Int	Foreign Key
Pname	Varchar	30
Pprice	Int	11
Disc_price	Int	11
Pdescp	Text	
Stock	Int	11
pimage	varchar	200

### Newsletter Table

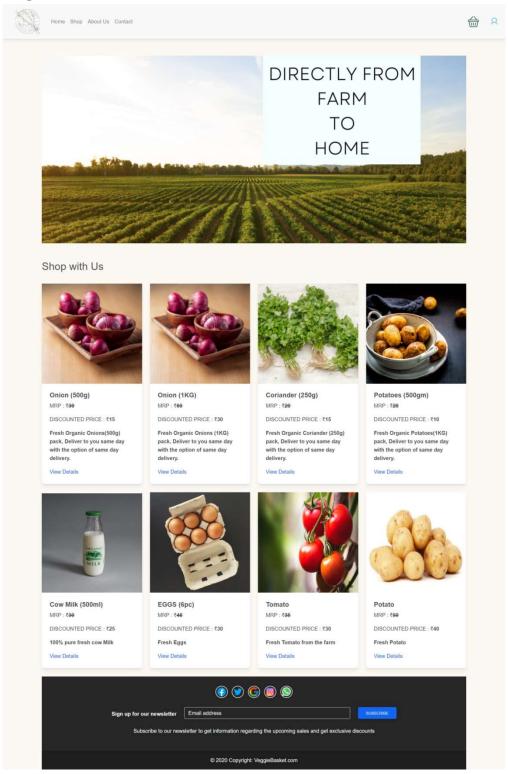
Field Name	Data Type	Length
Email	Varchar	30

### • ContactUs Table

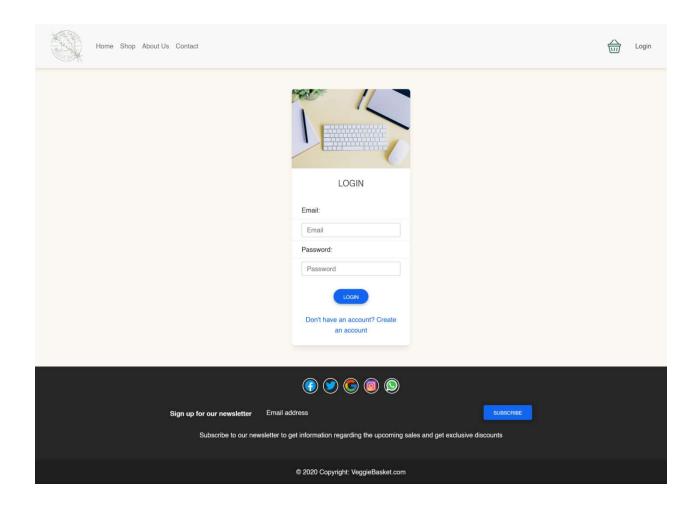
Field Name	Data Type	Length
Msg_id	Int	Primary Key
Name	Varchar	30
Email	Varchar	30
msg	Text	

# **SCREENSHOTS (USER SIDE)**

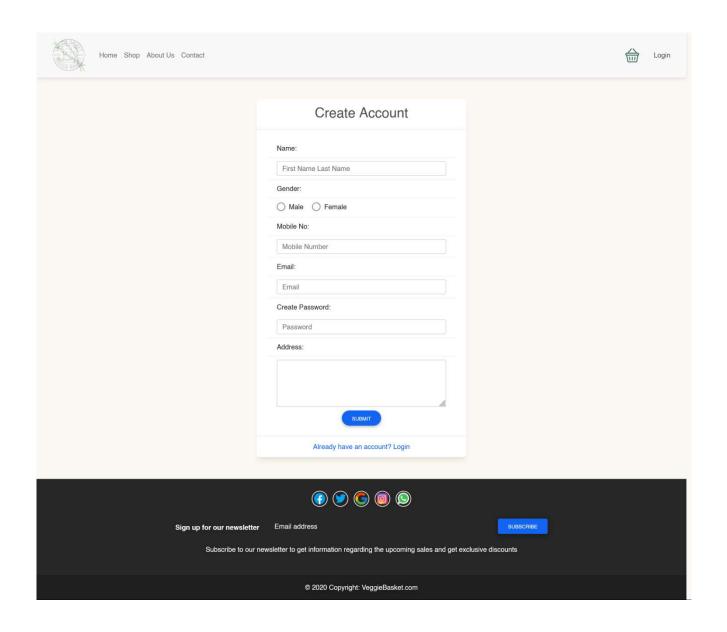
• Home Page



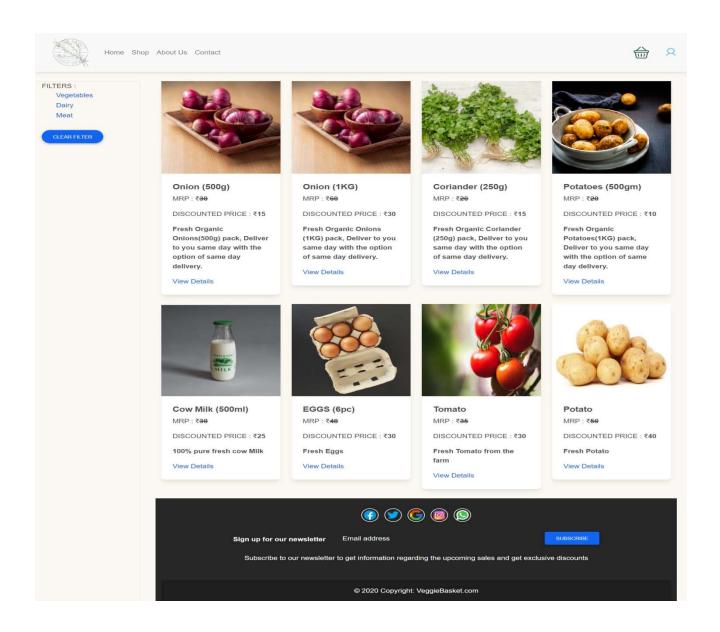
## • Login Page



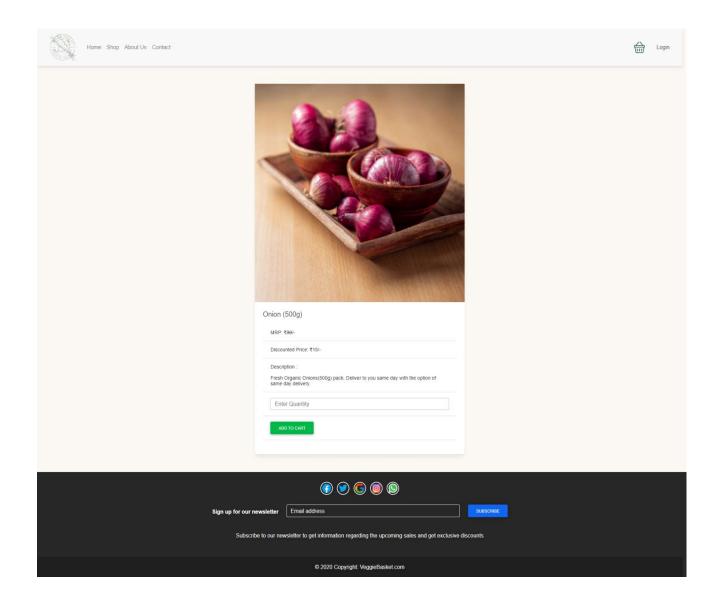
## • Registration Page



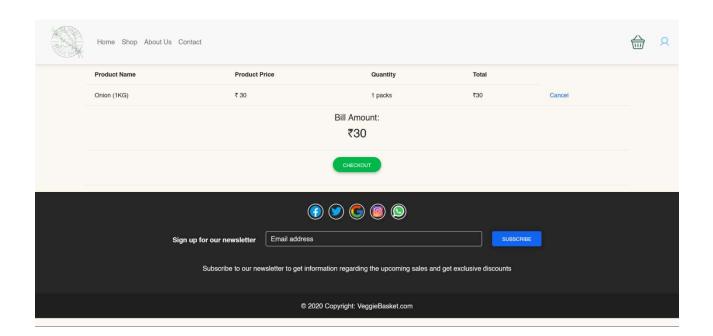
### Product Page



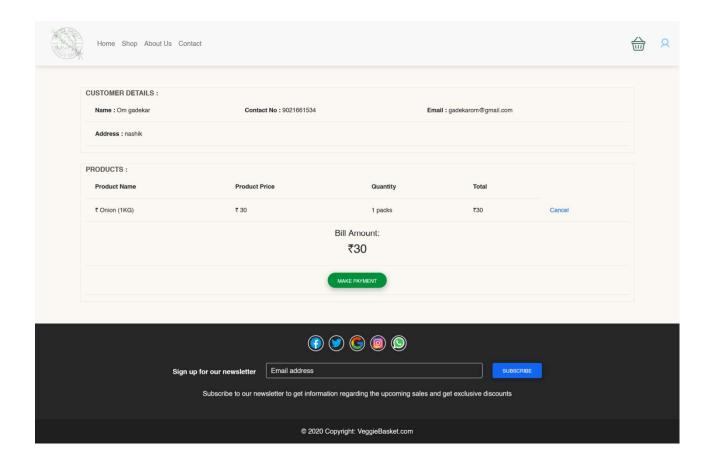
# Product Detail Page



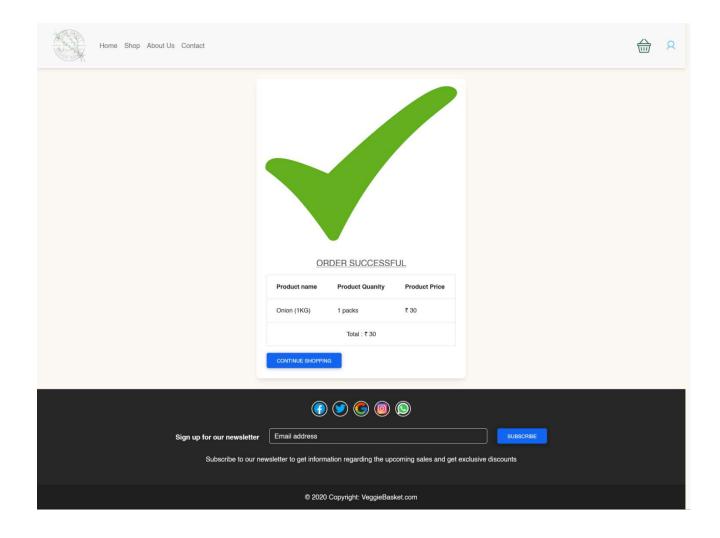
## • Cart Page



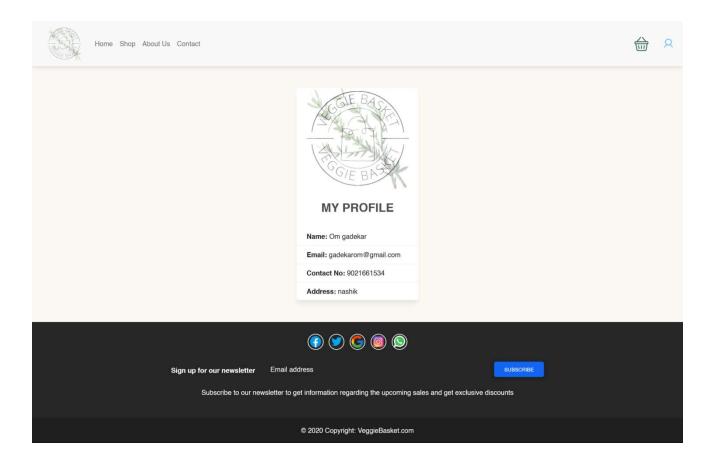
## • Checkout Page



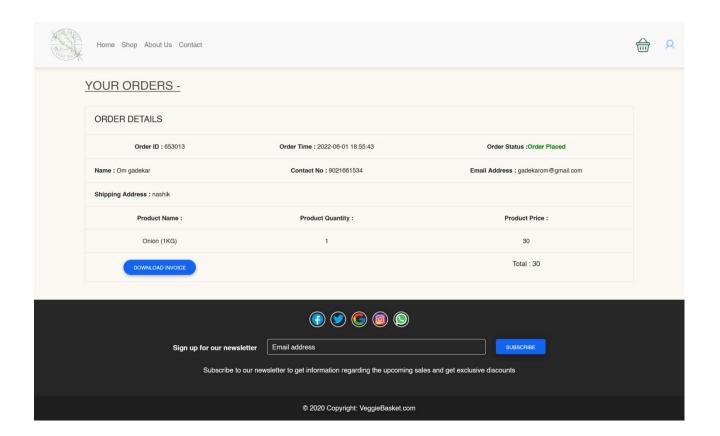
# Order Success Page



## • My Profile Page



## • My Orders Page



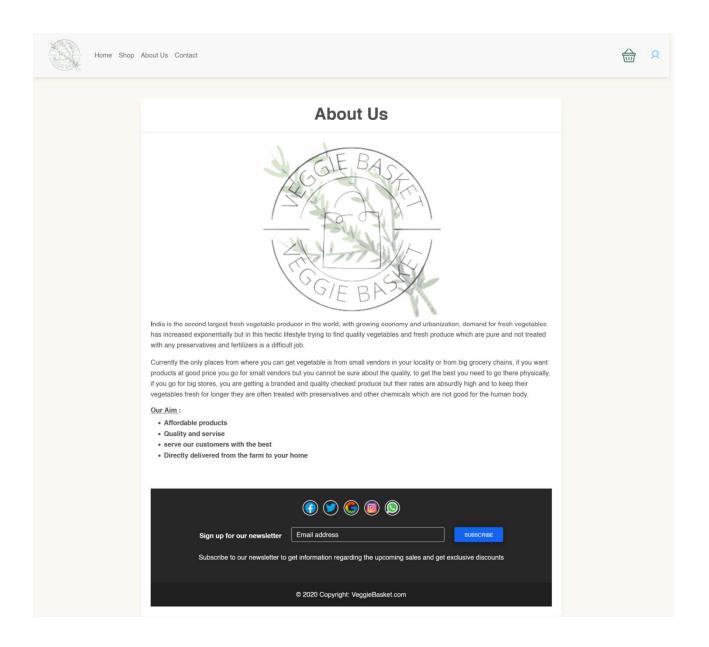
# • Invoice Download Page



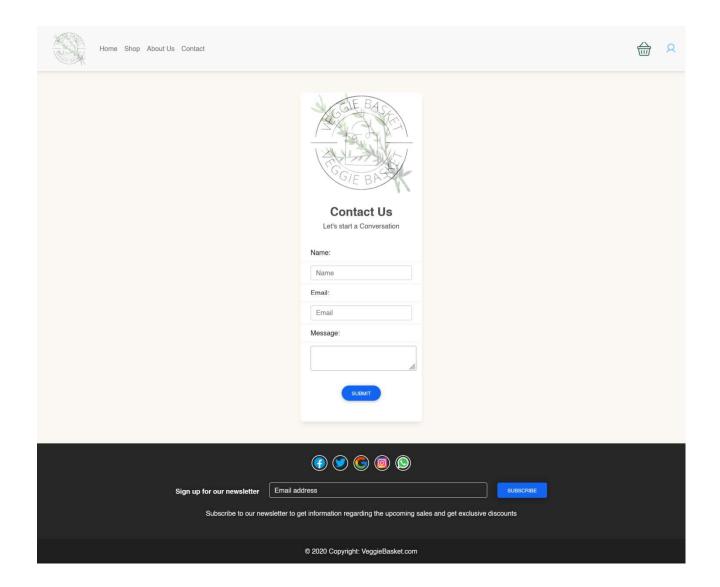
ORDER DETAILS			
Order ID: 653013	Order Time: 2022-06-01 18:55:43		
Name : Om gadekar	Contact No: 9021661534	Contact No: 9021661534 Email Address: gadekarom@gmail.com	
Shipping Address : nashik			
Product Name :	Product Quantity :	Product Price :	
Onion (1KG)	1	30	
CUSTOMER INVOICE		Total: 30	

DOWNLOAD INVOICE

#### • About us page

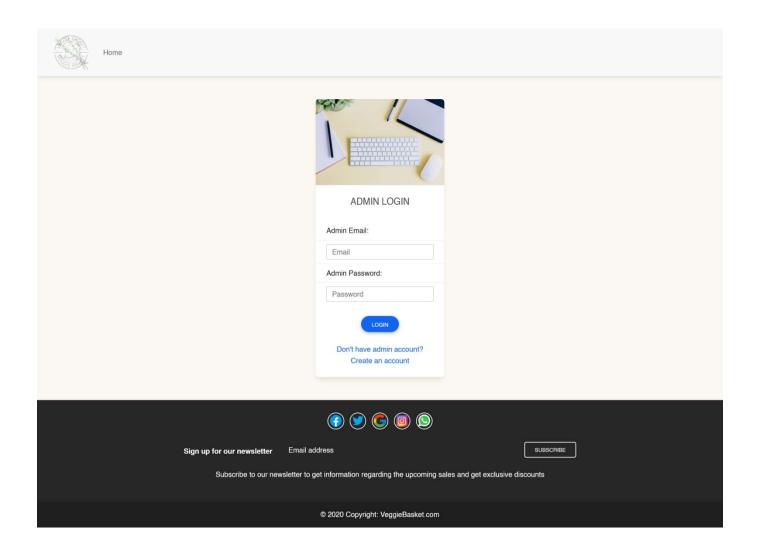


## • Contact Us Page

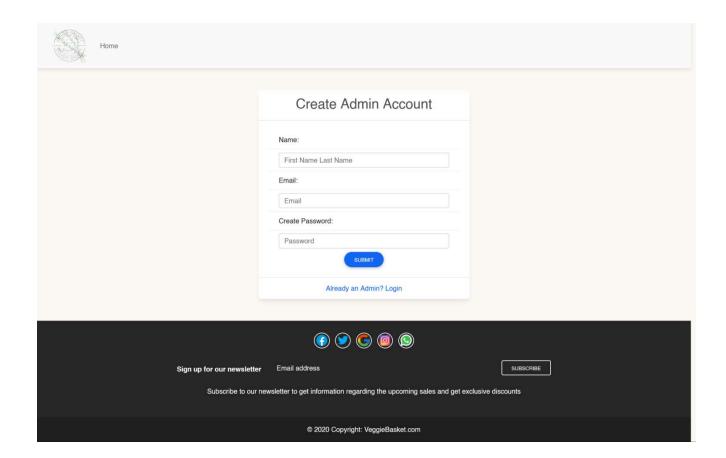


# **SCREENSHOTS (ADMIN SIDE)**

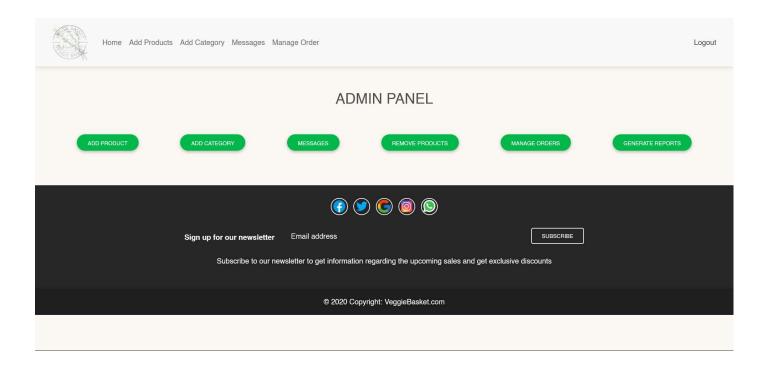
• Admin Login



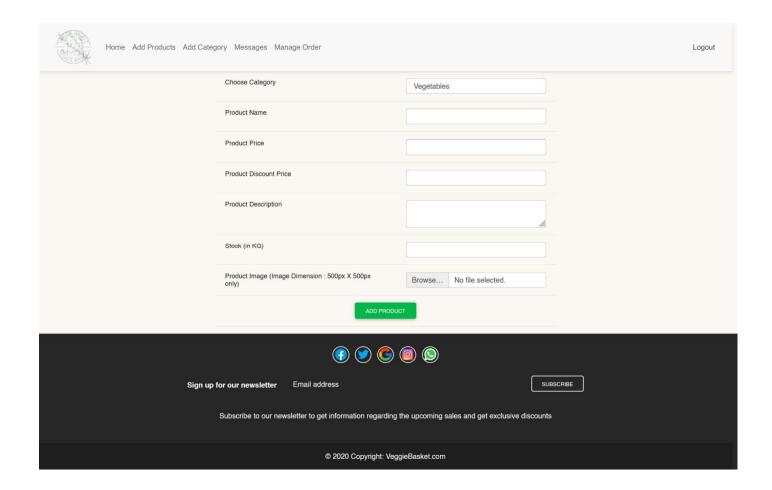
## • Admin Registration



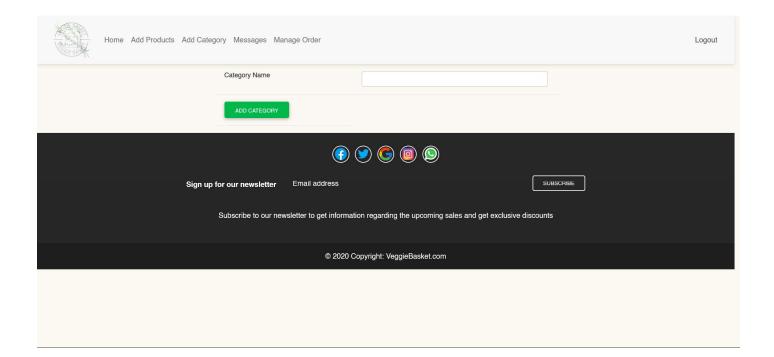
## • Admin Home Page



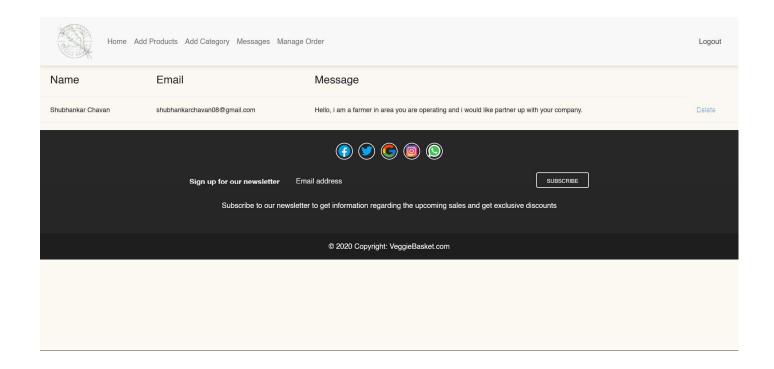
### • Add Product Page



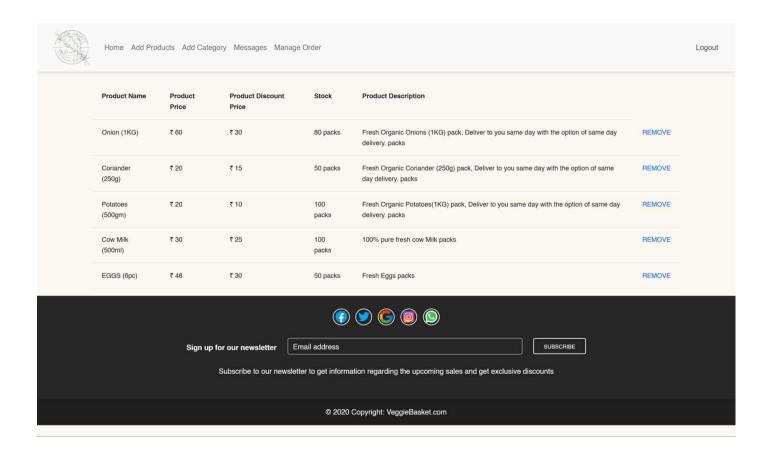
### Add Category Page



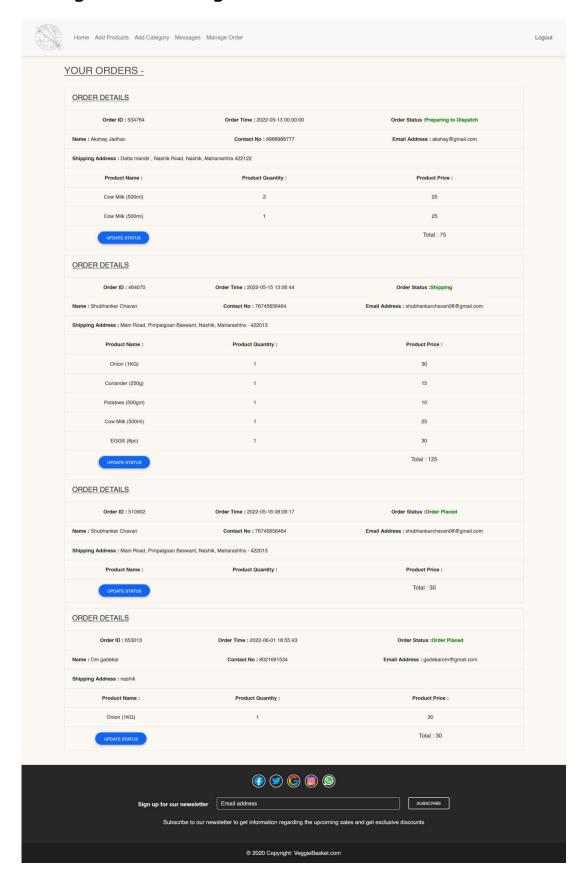
### • Messages Page



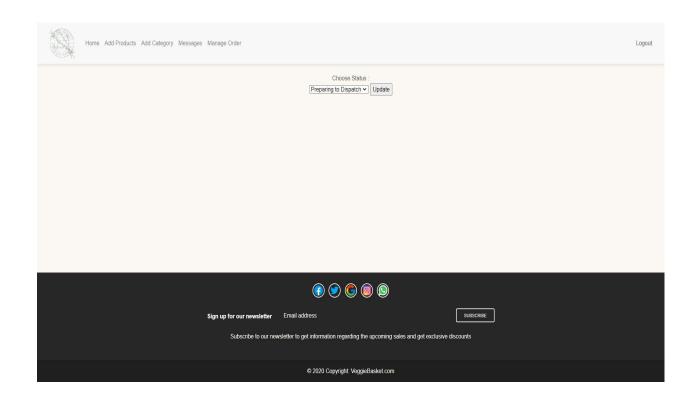
#### • Product Remove Page



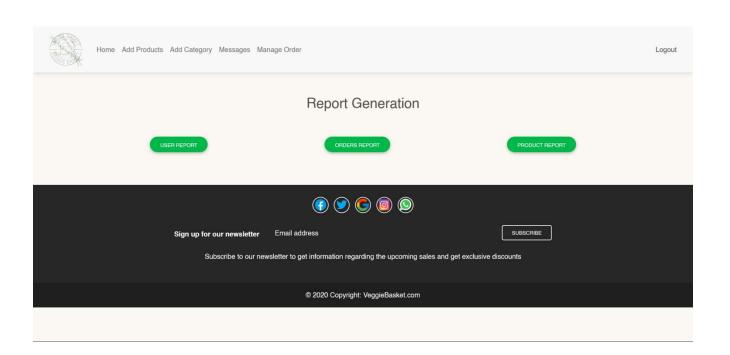
#### • Manage Orders Page



### • Update Status



### • Reports Page



## • User Reports Page

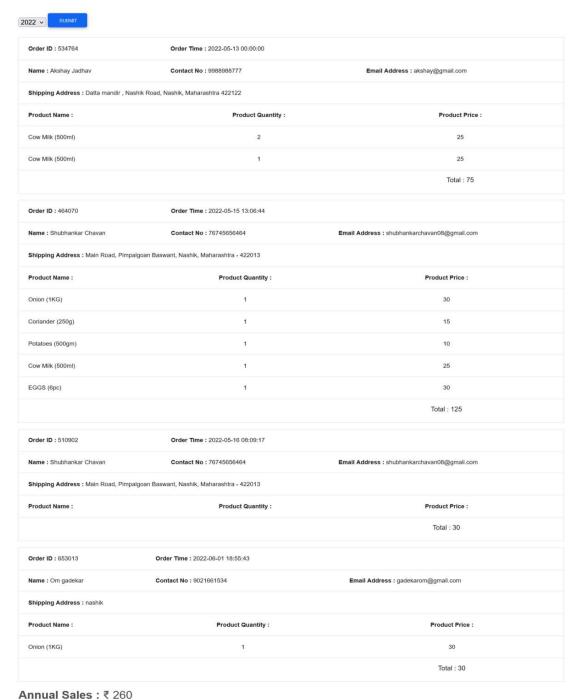


UID :	NAME :	GENDER:	ADDRESS:	CONTACT NO :	EMAIL:			
1	Om gadekar	Male	nashik	9021661534	gadekarom@gmail.com			
2	Akshay Jadhav	Male	Datta mandir , Nashik Road, Nashik, Maharashtra 422122	9988988777	akshay@gmail.com			
3	Shubhankar Chavan	Male	Main Road, Pimpalgoan Baswant, Nashik, Maharashtra - 422013	76745656464	shubhankarchavan08@gmail.com			
Total No of Rows: 3								



#### • Orders Report





Total No of Records : 10

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# Product Report Page



PID :	NAME:	PRICE :	DISCOUNTED PRICE	PRODUCT DECRIPTION:	STOCK :
22	Onion (1KG)	60	30	Fresh Organic Onions (1KG) pack, Deliver to you same day with the option of same day delivery.	80
25	Coriander (250g)	20	15	Fresh Organic Coriander (250g) pack, Deliver to you same day with the option of same day delivery.	50
26	Potatoes (500gm)	20	10	Fresh Organic Potatoes(1KG) pack, Deliver to you same day with the option of same day delivery.	100
27	Cow Milk (500ml)	30	25	100% pure fresh cow Milk	100
28	EGGS (6pc)	48	30	Fresh Eggs	50
				Total No of Rows: 5	

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# **BENEFITS OF PROPOSED SYSTEM**

The proposed system will help take the process of buying vegetable online which will make the whole process much faster and efficient, increasing the profits.

Proposed system will let user make purchase decision at their desired time and location allow them flexibility.

Because of having a transparent model farmers are able to get the fair and equal price for their product. They also don't need to transport their products anywhere as all the products are directly sourced from the farm.

Managing and keeping track of all the sales and report will be much easier because of the system as all those tasks are handled by the system. Chances of a mistake occurring are greatly reduced.

### LIMITATION OF PROPOSED SYSTEM

Currently not everyone is familiar with the concept of purchasing vegetables online. So it will take a bit of time for the system to expand to a large user base.

Interface need to be improved to make it simpler and straight forward for the aged user to use who are not used to using digital devices.

A whole transportation and supply chain needs to be developed to make sure the user get his orders on time and fresh, any unwanted delay in delivery can affect the quality of the product.

An option of weekly subscription can be introduced where user can set a list of products he require on a weekly bases and every week on a specified day the products are delivered with additional discount to attract user to keep user the subscription model.

# **Bibliography**

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- https://www.w3schools.com/css/
- Head first PHP and MySQL by Lynn Beighley, Michael Morrison