

**Online Vegetable and Fruit Selling System**

A project submitted to  
**UKA TARSADIA UNIVERSITY**  
in partial fulfilment of the requirements for the degree of

**Bachelor of Science**  
in  
**Information Technology**  
for  
**5 Years Integrated M.Sc.(IT)**

By

**STUDENT NAME**  
**Yash Desai**  
**202006100110086 Utsav**  
**Vasani**  
**202006100110113**

Guided by

**GUIDE NAME**  
**Ms. Bhumika Patel**



**Babu Madhav Institute of Information Technology**  
**Uka Tarsadia University**  
**Bardoli – 394350**

## **CERTIFICATE**

This is to certify that **Yash Desai(202006100110086) Utsav Vasani (202006100110113)** has submitted project entitled **Online** fruit and vegetable selling system as the partial fulfilment for the award of the degree of Bachelor of Science in Information Technology for 5 Years Integrated M.Sc.(IT) in 2020 – 2021.

**Date:**

**Place:**

**Ms. Bhumika Patel**

Guide

**Dr. Jitendra Nasriwala**

Programme Coordinator,

**External Examiner**



**Babu Madhav Institute of Information Technology,**

**Uka Tarsadia University,**

**Bardoli – 394350**

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# Chapter 1

## Introduction

### 1.1 Problem Definition

People are facing many problems with buying fresh vegetables and fruit, such as when it's raining outside. They also have to visit different shops to buy different kinds of vegetables and fruit. The lack of a convenient, reliable, and efficient way for customers to purchase fresh produce online results in missed sales opportunities for farmers and a less than satisfactory customer experience. Many small farmers have limited resources to market and sell their products and often have to rely on intermediaries to reach the customer, which can lead to increased costs and reduced profits. Additionally, traditional channels for buying fruits and vegetables (such as local grocery stores or farmers' markets) can have limited selection and availability, which can make it difficult for customers to find the products they are looking for. The problem is to design and develop a cost-effective, secure and user-friendly e-commerce platform that enables farmers to sell their fresh fruits and vegetables directly to customers online, with an easy-to-use interface and a wide variety of products available.

### 1.2 Project objective

To design and develop a secure, user-friendly, and cost-effective e-commerce platform that enables farmers to sell their fresh fruits and vegetables directly to customers online. The platform should improve the customer experience by providing detailed information about the products. It should also provide farmers with better inventory management, traceability, and increased sales opportunities

### 1.3 Product Scope:

The Online Vegetable & fruit Delivery Management System is available only for varacha area and Katargam area of Surat city. In this system, the payment is done through online payment mode. System will be used only by the authorized Admin and customers

#### 1.4 Initial requirement design

Title of project:	e-fruit and vegetable shop
Stakeholder involved in capturing Requirements:	Shop Admin
Techniques used for requirements Capturing:	Interviewing, brainstorming, questionnaires
Name of the person along with The designation:	-
Date:	Jan, 2023
User of the system:	Admin, Customer
Version:	1.0
<b>Consolidated list of initial requirements:</b>	
1	The user shall be able to register and login as well as do authentication via mail while registering in system except visitor.
2	The system users shall be able to reset password ( Forgot password ).
3	Admin shall be able to manage products category wise.
4	Admin shall be able to manage stock of product.
5	The customer shall be able to view and search (filter) the product.
6	The system shall be able provide the availability of a particular product to the customer.
7	Customer shall be able to add Products into cart and Wishlist.

8	The customer shall be able to register and login into the system before adding Product into the cart .
9	The customer shall be able to manage cart by adding the Product(s) in the cart, by updating the quantity.
10	The customer shall be able to place order after adding Products into cart.
11	customer shall be able to view and apply offers on order.
12	The customer shall not be able to cancel order after palace order.
13	The customer shall be able to make payment using one of the online payment gateways.
14	The customer shall be able to give feedback for the order.
15	The customer shall be able to view order history.
16	Admin shall be able to view customer order details.
17	The system users shall be able to update their profile including their password.
18	Admin shall be able to add other admin.
19	Admin shall be able to manage offers.
20	Admin shall be able to view all feedback which given by customer.
21	The system should be able to generate reports like: <ul style="list-style-type: none"><li>● Sales report</li><li>● Customer report</li></ul>

# Chapter 2

## Overall Description

### 2.1 Product perspective/Environment Description

#### 2.1.1 Hardware Requirements

- Processor: Intel(R) Core (TM) i3 or more
- RAM: 512MB or more
- Hard Disk: 50MB or more
- Input Device: PC/Laptop/Mobile/Tablet
- Output Device: Printer/PC/Screen
- Communication Interface: LAN cable for printer

#### 2.1.2 Software Requirements

- Operating System: Microsoft Windows Platform, Linux Platforms, MAC OS
- Front-End: Html, CSS, JavaScript, Bootstrap
- Back-End: ASP.NET, JavaScript, MySQL Server
- Tools Used: XAMPP(Apache), VS Code



# Chapter 3

## Software Specific Requirements

### 3.1 Functional Requirement:

Functional requirements define the fundamental action that system must perform.

#### *Module 1: Manage User Login*

RN	Description	Comments
FR1	Admin and Customer shall be do registration into the system	Registration page
FR2	Admin and Customer will be authenticated with their Username and password to login into the system.	Login Page
FR3	Enable a registered user to update password. And also, if user forgets password, then OTP is sent through mail for user's verification.	Login Page ChangePassword Page ForgotPassword Page

*Module 2: Manage Product*

RN	Description	Comments
FR1	<p>This module will be managed by Admin .</p> <p>The Admin will be able to manage many other modules like:</p> <ul style="list-style-type: none"><li>• Manage Product description</li><li>• Manage Product Images</li><li>• Manage Product price</li></ul>	Product_Add_View_ Update_Search Page
FR 2	<p>The system will assign a unique id (Product id) to each Product. Whenever any new product arrives, the Admin will be allow to record following details of the product like . . . Product name with its Category, Images, Price and Description etc.</p>	Product_Add_View_ Update_Search Page

FR 3	<p>Manage Product:</p> <p>To manage this module, the Admin and will be able to perform following operations like:</p> <ul style="list-style-type: none"> <li>• Add new Product</li> <li>• Update an existing Product</li> <li>• Active/De-active Product</li> </ul> <p>The Admin and customer will be able to:</p> <ul style="list-style-type: none"> <li>• View/Search Products</li> </ul>	Product_Add_View_Update_Search Page
FR 4	<p>The Admin will be able to:</p> <ul style="list-style-type: none"> <li>• View/Search Product (by Category wise, Product_id wise, Name wise)</li> </ul>	Product_Add_View_Update_Search_Active_Deactive Page
FR 5	<p>Manage Category: In Manage Category module, the admin will be able to perform following operations like:</p> <ul style="list-style-type: none"> <li>• Add new category (Branch wise)</li> <li>• Update an existing category</li> <li>• Active/De-active The Admin customer and manager will be able to:</li> <li>• View/Search categories</li> </ul> <p>The system will assign a unique id (Category id) to each category.</p>	catagory_Add_View_Update_Search Page

FR 6	<p>Manage Description: In manage Product description module the Admin will be able to perform following operations like:</p> <ul style="list-style-type: none"><li>● Add description</li><li>● Update Description</li></ul>	Product_Add_View_ Update_Search Page
FR 7	<p>Manage Image: In manage Image module Admin will be able to perform following operations like:</p> <ul style="list-style-type: none"><li>● Add Product Image</li><li>● Update Product Image</li></ul>	Product_Add_View_ Update_Search Page
FR 8	<p>Manage Price:</p> <p>In manage price module Admin will be able to perform following operations like</p> <ul style="list-style-type: none"><li>● Add Product price</li><li>● Update Product price</li></ul>	Product Add View Update_Search Page

*Module 3: Manage Customer*

RN	Description	Comments
FR1	<p>This module will be managed by Admin and Customer.</p> <p>The customer shall also be able to register himself and edit his/her profile.</p> <p>The system will assign a unique id (customer id) to each customer.</p>	<p>Customer Registration(Add_Page )  Customer_ View_Update_Se arch_ Active_Deactive Page</p>
FR 2	<p>The Admin will be able to:</p> <ul style="list-style-type: none"><li>• View/Search customer details</li></ul>	<p>Customer View _ Update_Search Active De-active Page</p>

*Module 3: Manage Wishlist*

RN	Description	Comments
FR1	<p>This module will be managed by Customer.</p> <p>The customer will be able to perform following operations like:</p> <ul style="list-style-type: none"><li>■ Add Product to cart</li><li>■ Update cart Products</li><li>■ Removed cart Products</li><li>■ View Cart history</li></ul>	Add_To_Cart Page

*Module 5: Manage Cart*

RN	Description	Comments
FR1	<p>This module will be managed by Customer. The customer will be able to perform following operations like:</p> <ul style="list-style-type: none"><li>• Add to cart</li><li>• Update cart Products</li><li>• Removed cart Products</li><li>• View Cart history</li></ul>	Add_To_Cart Page

*Module 6: Manage Customer Order*

RN	Description	Comments
FR1	<p>This module will be managed by Customer.</p> <p>The system will assign a unique id (order id) to each customer's order.</p>	<p>Customer_Order_ Add Page</p> <p>Customer_Order_ View_Update_Sea rch_ Delete Page</p>
FR2	<p>The Admin will be able to:</p> <ul style="list-style-type: none"> <li>View/Search customer order(s)</li> </ul>	<p>Customer_Order_ View_Update_Search_ Delete Page</p>
FR 3	<p>After adding the product into cart, if the Customer_Order_ customer confirms his/her order, then after Add Page login into the system the customer will be able.</p> <ul style="list-style-type: none"> <li>Confirm order</li> <li>Cancel (Delete) order</li> <li>View order</li> </ul>	<p>Customer Order View Update Search Delete Page</p>
FR 4	<p>The customer will be able to view order history.</p>	<p>Customer_history.</p>

FR 5	The customer will be able to cancel the order before delivery, within limited time period	Cancel Page
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*Module 7: Generate Bill*

RN	Description	Comments
FR1	After the confirmation of order placed by the customer the system will be able to generate bill in “.pdf” with all the necessary details of the Customer.	Customer_Order_ Add Page “.pdf” Format (Open-source plugin)
FR 2	The system will also allow the Admin to print the bill with all the necessary details of the Customer.	Customer Order Page .pdf" Format (Open-source plugin)



FR 3	The system will assign a unique id (bill no) to each customer's order bill.	Customer Order Page .pdf" Format (Open-source plugin)
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*Module 8: Manage Payment*

RN	Description	Comments
FR1	After the generation of bill, the customer shall be able to make payment using one of the online payment gateways (compulsory in online order ) or through cash on delivery.  The system will assign a unique id (paymentid) to each customer's order bill.	Payment Page

*Module 9: Manage Feedback*

RN	Description	Comments
FR1	The customer will also be able to give feedback in email. The system will assign a unique id (feedback id) to each customer's feedback.	Feedback Page
FR2	The feedback which is given by the customer and also be viewed by the Admin.	Feedback_View Page

#### 4.2 Non-Functional Requirement:

Non-functional requirements are often called qualities of a system.

RN	Description	Comments
NFR1	The user can log in through any browser But if he/she try to login in different browser without logout it will automatically logout that previous login .	performance
NFR2	The application will be Password protected. The Users will have to enter correct username and password to access the system.	Security
NFR3	The system will be easily portable on any browser .	Portability

# Chapter 4

## System Design

### 4.1 Database Design:

#### 4.1.1 Database Schema:

##### 1) Manage Users:

Tbl\_user(user\_id[PK],[PK],fname,lname,email,phonenumber,pincode,city,area,address,password,t&c,user\_rol,session\_id)

FD: user\_id->{ fname ,lname, email, phonenumber, pincode, city, area, address ,Password,t&c,user\_rol,session\_id }

##### 2) category:

tbl\_category(category\_id[PK], category\_name)

FD: category\_id->{ category\_name }

##### 3) Tbl\_product :

Product(pid[PK],product\_name,product\_desc,product\_img,product\_stock,purchase\_amount, sales\_amount, purchase\_date, expiry\_date, category\_id[FK][tbl\_category], sales\_total)

FD: pid->{ product\_name,product\_desc,product\_img,product\_stock, purchase\_amount, sales\_amount, purchase\_date, expiry\_date, category\_id[FK][tbl\_category]sales\_total }

#### 4) Manage Cart:

Tbl\_cart(cart\_id[PK],user\_id[FK][Tbl\_user], flag)

FD: cart\_id-> {user\_id[FK][Tbl\_user],flag}

Tbl\_cartdetail(cart\_detail\_id[PK],  
cart\_id[FK][Tbl\_cart],product\_id[FK][Tbl\_product], quantity)

FD: cart\_detail\_id -> {cart\_id[FK][Tbl\_cart],product\_id[FK][Tbl\_product],  
quantity}

#### 5) Manage wishlist:

wishlist(wid[PK], product\_id[FK][Tbl\_product], quntity)

#### 6) Manage Customer Order :

order(oid[PK],order\_date,user\_id[Fk][Tbl\_user])

FD:oid->{order\_date, user\_id[Fk][Tbl\_user]}

Orderdetails(orderdetails\_id,cartid[Fk][Tbl\_cart],productid[FK][Tbl\_product],fn  
ame,lname,email,pho,city,pincode, shipping\_address)

FD:orderdetails\_id->{ cartid[Fk][Tbl\_cart],productid[FK][Tbl\_product],fname  
,lname,email,pho,city,pincode, shipping\_address}

#### 4.1.2 Data Dictionary

##### 1) Registration

Sr. No.	Field Name	Data Type	Size	Constraints	Description
1	rid	int	-	Primary Key, Auto increment	Identifies Unique id of registration.
2	fname	Varchar	50	Not Null,	Specifies first name of User.
3	lname	Varchar	50	Not Null	Specifies last name of User.
4	email	varchar	50	Not Null	Unique email
5	phonenumner	bigint	-	Not Null	Unique phone numbers
6	Pincode	int	-	-	Area purpose
7	city	varchar	40	-	Name of city
8	area	varchar	40	-	Name of area
9	Address	varchar	40	-	Address
10	Password	varchar	40	Not Null	Password of user
11	t&c	int	-	-	Trems and condition
12	User role	int	-	Not Null	Types of User(Admin, customer)

13	Session_id	varchar	50	Not Null	Store session value for different browser
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## 2) Manage Product:

### • tblProduct :

Sr. No.	Field Name	Data Type	Size	Constraints	Description
1	pid	int	-	Primary Key, Auto increment	Identifies Unique id of Product
2	pname	Varchar	50	Not null, Unique	Specifies name of Product
3	p_desc	varchar	-	Not Null	Specifies the product description.
4	image	varchar	100	Not Null	Name of the image
5	stock	varchar	50	Not Null	Specifies the Total stock (kg)
6	purchase_amount	int	-	Not Null	Specifies the purchase amount
7	purchase_date	date	-	Not Null	Specifies the purchase_date
8	expiry_date	date	50	Not Null	Specifies the expiry_date

9	cid	int	-	Foreign key	Referance of category table
10	Total_sell	int	-	Not Null	Shows total sells of product

**3)Manage category :**

- **Tbl category :**

Sr. No.	Field Name	Data Type	Size	Constraints	Description
1	cid	int	-	Not Null	Identifies Unique id of category
2	Category_name	Varchar	50	Not Null	Specifies the Category name

**3) Manage Cart**

**tblCartMaster**

Sr. No.	Field Name	Data Type	Size	Constraints	Description
1	cart_id	Int	-	Primary Key, Auto increment	Identifies Unique id of cart.



2	rid	Int	-	Foreign key	Refrance of registration table
3	flag	Int	-	Not null	Check order place or not

**tbl cartdetail :**

Sr. No.	Field Name	Data Type	Size	Constraints	Description
1	cart_detail_id	Int	-	Primary Key, Auto increment	Identifies Unique id of cartdetail.
2	cart_id	Int	-	Foreign key	Refrance of cart table
3	pid	int	-	Foreign key	Refrance of product table
4	quantity	int	-	Not Null	Specify total quantity of product

**5) Manage wishlist**  
**wishtlist**

Sr. No.	Field Name	Data Type	Size	Constraints	Description
1	Wistlist_id	Int	-	Primary Key,	Identifies Unique id of wishlist.

				Auto increment	
2	pid	Int	-	Foreign key	Refrance of product table
3	quntity	int	-	Not Null	Specify total quantity of product

### 6) Manage Customer Order order

Sr. No.	Field Name	Data Type	Size	Constraints	Description
1	Order_id	int	-	Primary Key, Auto increment	Identifies Unique id of order.
2	order_date	date	-	Not null	Specify order date
3	rid	int	-	Foreign key	Refrance of registration table

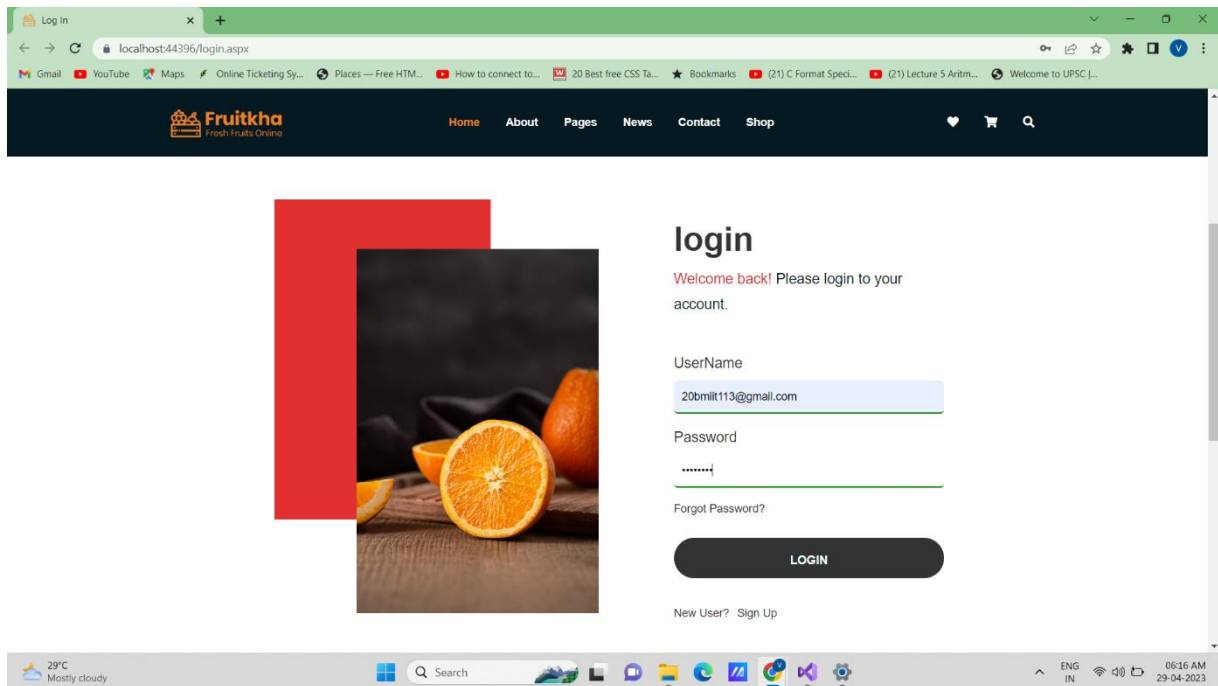
**7) Orderdetails**

<b>Sr. No.</b>	<b>Field Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Constraints</b>	<b>Description</b>
1	orderdetails_id	Int	-	Primary Key, Auto increment	Identifies Unique id of Orderdetails.
2	cartid	Int	-	Foreign key	Refrance of cart table
3	productid	Int	-	Foreign key	Refrance of product table
4	fname	varchar	40	Not null	Specifies first name
5	lname	varchar	40	Not null	Specifies last name
6	email	varchar	50	Not null	Specifies email name
7	pho	bigint	-	Not null	Specifies phone number
8	city	varchar	50	Not null	Specifies city
9	pincode	int	-	Not null	Specifies pincode
10	shipping_address	varchar	40	Not null	Specifies shipping_address

# Chapter 5

## System Implementation

### 5.1 Screenshots:



Log In

localhost:44396/login.aspx

Fruitkha  
Fresh Fruits Online

Home About Pages News Contact Shop

login

Welcome back! Please login to your account.

UserName  
20bmlt113@gmail.com

Password  
\*\*\*\*\*

Forgot Password?

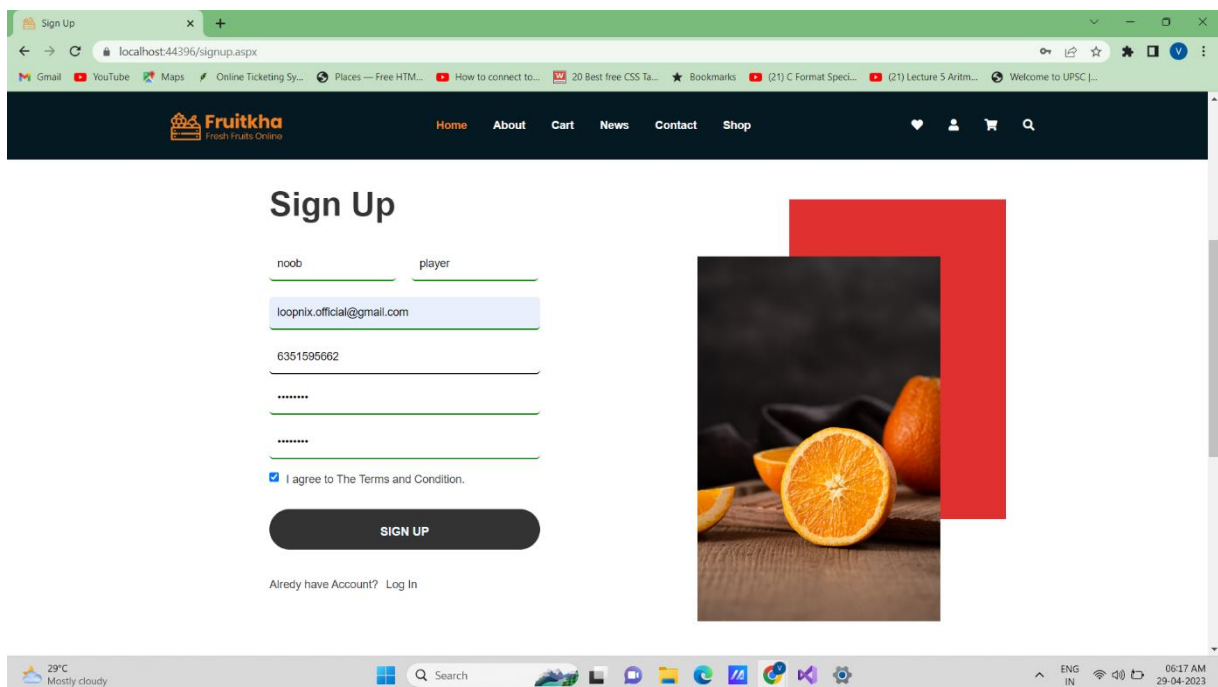
LOGIN

New User? Sign Up

29°C  
Mostly cloudy

Search

ENG IN 06:16 AM 29-04-2023



Sign Up

noob player

loopnix.official@gmail.com

6351595662

\*\*\*\*\*

\*\*\*\*\*

☒ I agree to The Terms and Condition.

SIGN UP

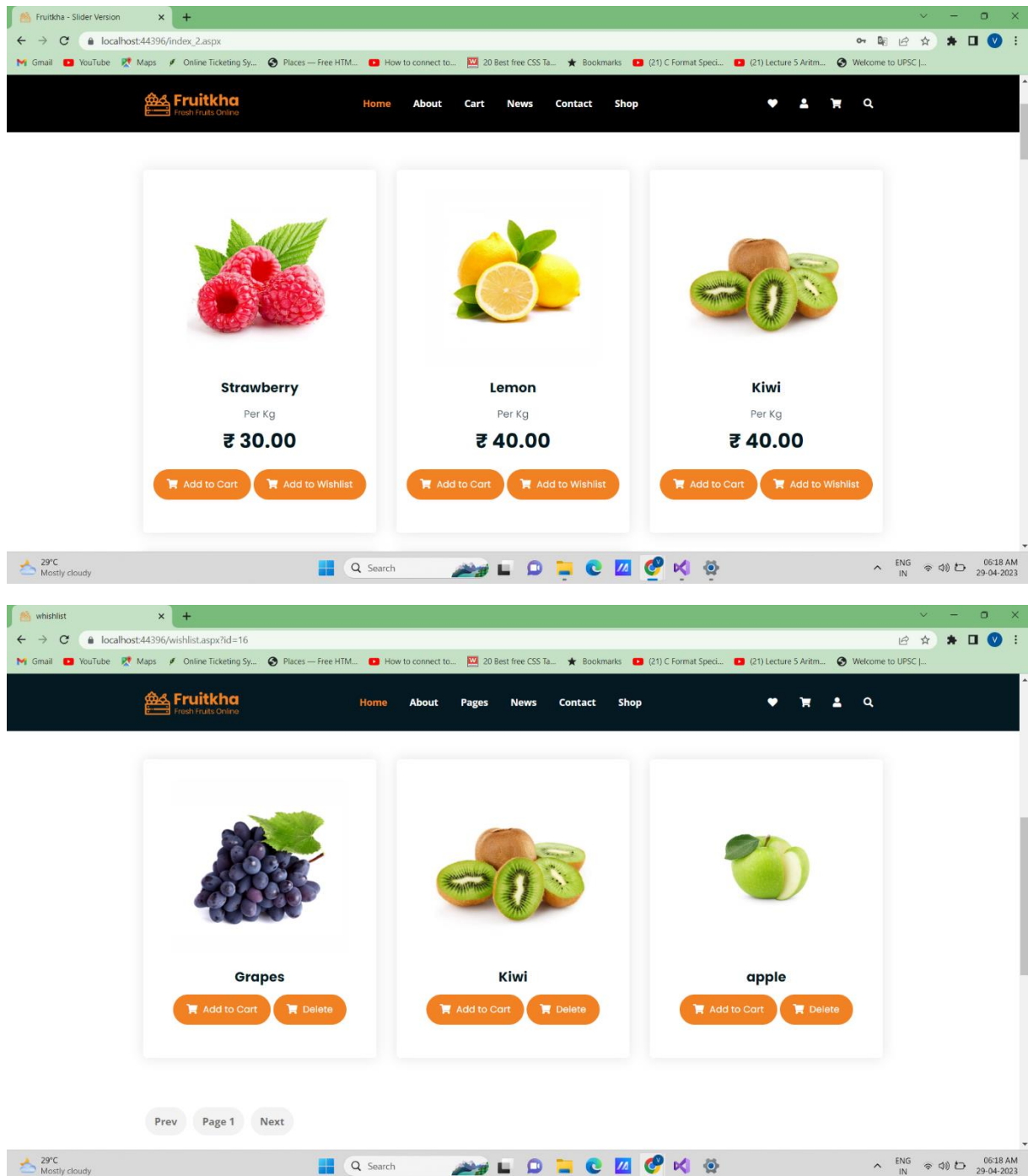
Already have Account? Log In

29°C  
Mostly cloudy

Search

ENG IN 06:17 AM 29-04-2023

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The screenshot shows the 'Cart' page of the Fruitkha website. The header includes the Fruitkha logo and navigation links: Home, About, Pages, News, Contact, and Shop. The main content area features a table with the following columns: Product Name, Image, Quantity, Price, Total, and Delete. The table lists five items: Strawberry (30 units, 30 total), Lemon (40 units, 40 total), Strawberry (30 units, 30 total), Strawberry (30 units, 30 total), and Kiwi (40 units, 40 total). To the right of the table is a summary section with a 'CHECK OUT' button. The summary table shows: Subtotal: 170, Shipping: 0, and Total: 170.

Product Name	Image	Quantity	Price	Total	Delete
Strawberry		1	30	30	
Lemon		1	40	40	
Strawberry		1	30	30	
Strawberry		1	30	30	
Kiwi		1	40	40	

Total	Price
Subtotal:	170
Shipping:	0
Total:	170

[CHECK OUT](#)

The screenshot shows the 'Check Out' page of the Fruitkha website. The header is identical to the cart page. The main content area is divided into two sections: 'Billing Address' and 'Shipping Address'. The 'Billing Address' section contains input fields for Name (Utsav vasani), Email (u@gmail.com), Phone (06351595664), and Address (176,vaijunthdham soc,katargam,surat). To the right of the address fields is a table summarizing the items in the cart. Below the address fields is a 'PLACE ORDER' button.

Product Name	Total
Strawberry	30
Lemon	40
Strawberry	30
Strawberry	30
Kiwi	40

[PLACE ORDER](#)

# Babu Madhav Institute of Information Technology, UTU 2022

Shop

localhost:44396/admin.aspx

Fruitkha  
Fresh Fruits Online

Home About Pages News Contact Shop

Choose File No file chosen

UPLOAD

Full Name utsav

Email 20bmitt113@gmail.com

Phone 8351595662

Gender ☐ Male ☐ Female

Pincode 395004

GET DETAILS

City surat State gujrat Country india

Address

29°C Mostly cloudy

Search

ENG IN 06:22 AM 29-04-2023

Shop

localhost:44396/shop.aspx

Fruitkha  
Fresh Fruits Online

Home About Pages News Contact Shop

Strawberry

Per Kg

₹ 30.00

Add to Cart Add to Wishlist

Lemon

Per Kg

₹ 40.00

Add to Cart Add to Wishlist

Kiwi

Per Kg

₹ 40.00

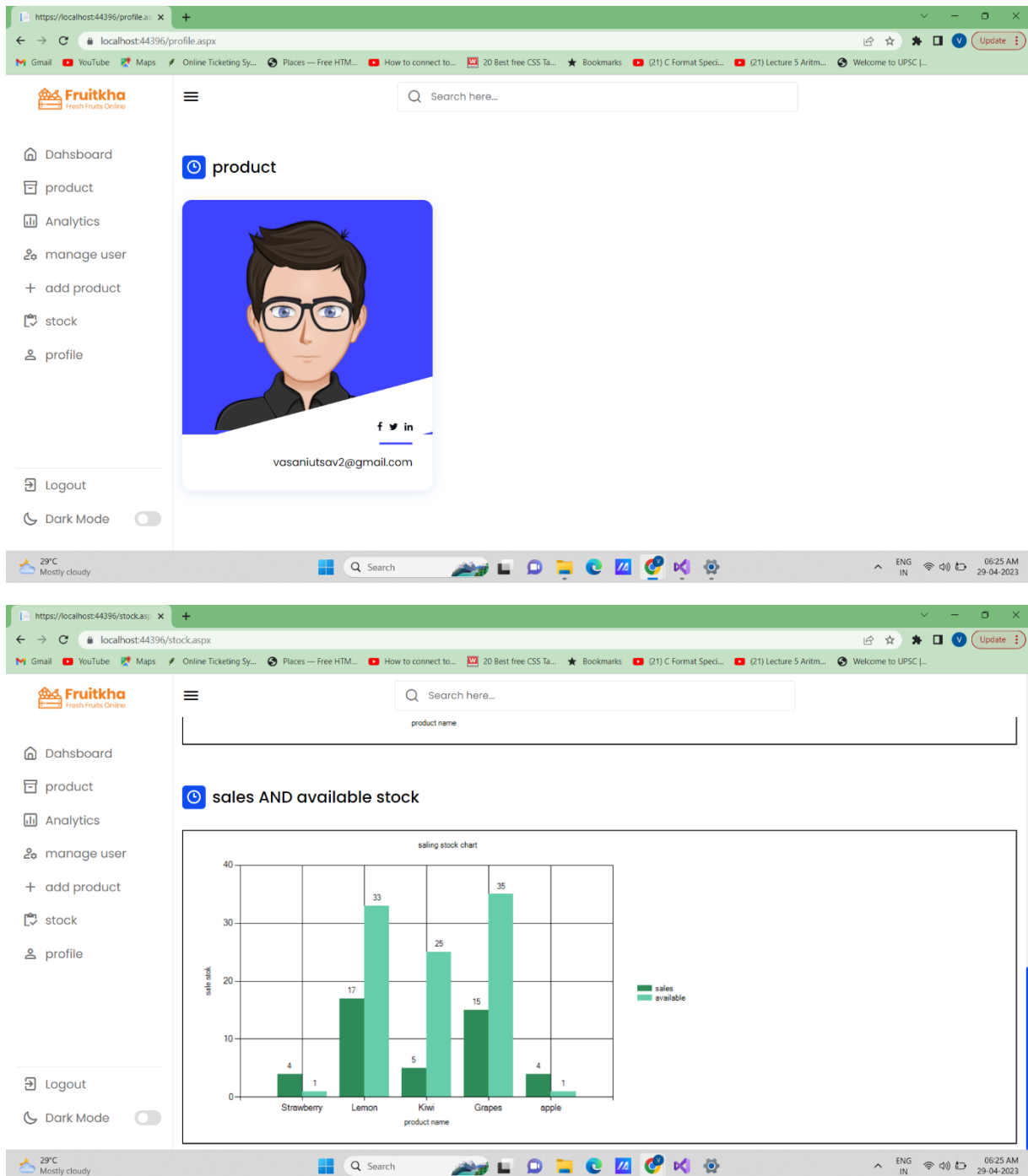
Add to Cart Add to Wishlist

https://localhost:44396/cart.aspx?id=16

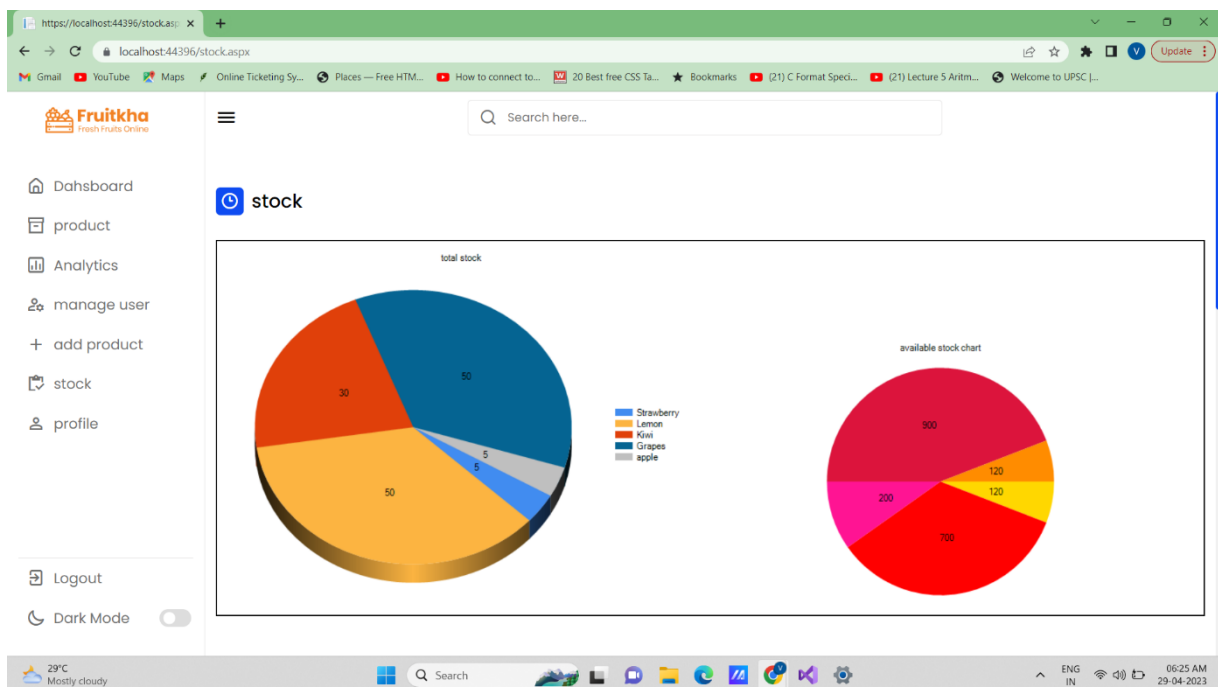
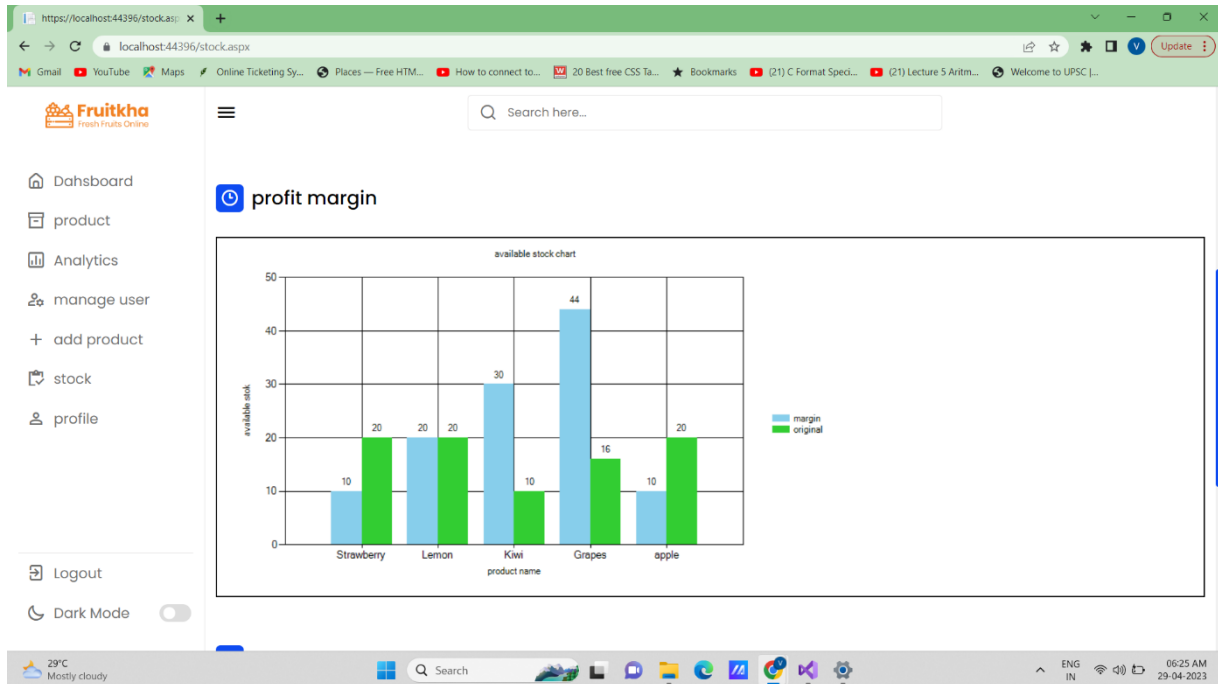
29°C Mostly cloudy

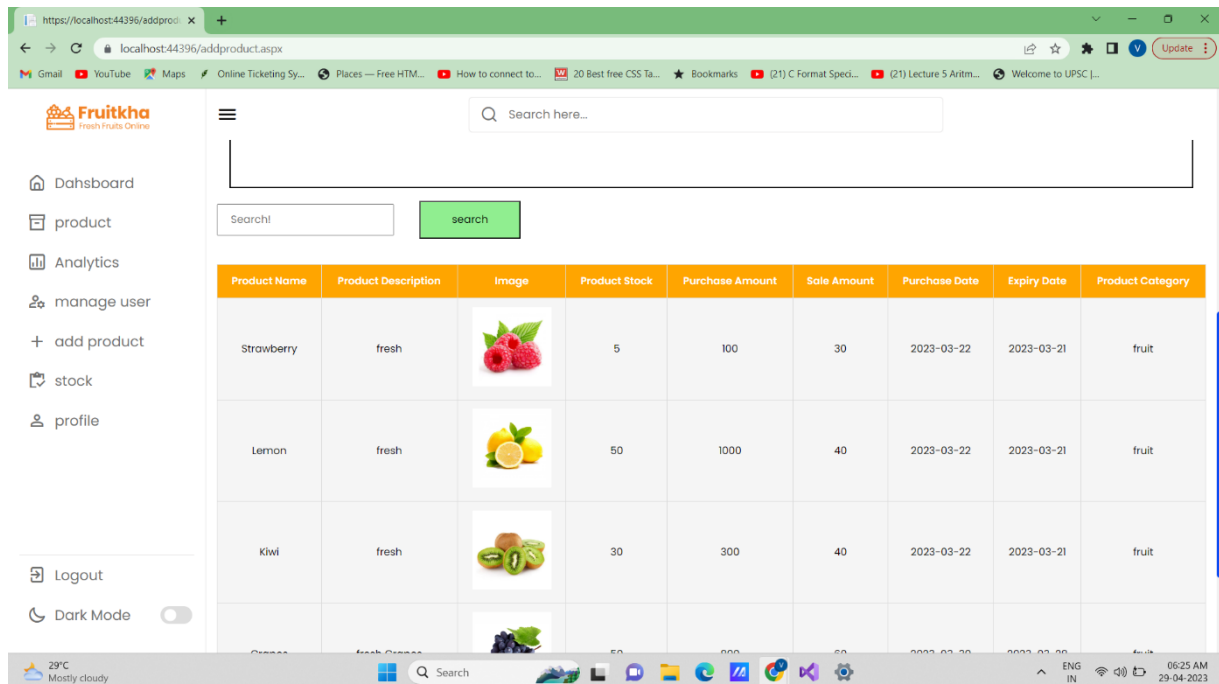
Search

ENG IN 06:21 AM 29-04-2023






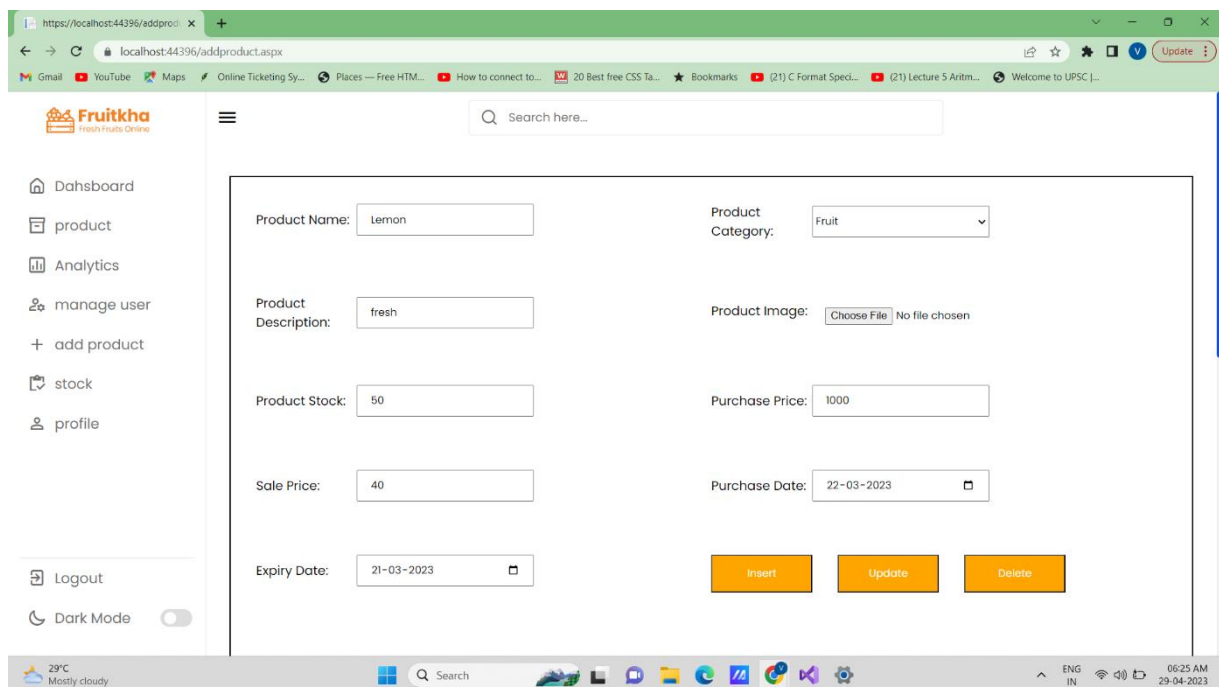







The screenshot shows the 'Fruitkha' web application interface. On the left is a sidebar with navigation links: Dashboard, product, Analytics, manage user, add product, stock, and profile. The main content area displays a table of products. At the top of the table is a search bar with the text 'Search here...' and a 'search' button. Below the table is a taskbar showing the system clock as 06:25 AM on 29-04-2023.

Product Name	Product Description	Image	Product Stock	Purchase Amount	Sale Amount	Purchase Date	Expiry Date	Product Category
Strawberry	fresh		5	100	30	2023-03-22	2023-03-21	fruit
Lemon	fresh		50	1000	40	2023-03-22	2023-03-21	fruit
Kiwi	fresh		30	300	40	2023-03-22	2023-03-21	fruit



The screenshot shows the 'Fruitkha' web application interface with the product form. The sidebar is the same as the previous screenshot. The main content area displays a form for adding or updating a product. The form fields are: Product Name (Lemon), Product Category (Fruit), Product Description (fresh), Product Image (Choose File), Product Stock (50), Purchase Price (1000), Sale Price (40), Purchase Date (22-03-2023), and Expiry Date (21-03-2023). At the bottom of the form are three buttons: Insert, Update, and Delete. The taskbar at the bottom shows the system clock as 06:25 AM on 29-04-2023.



- Dashboard
- product
- Analytics
- manage user
- + add product
- stock
- profile

Search here...

USER

Fname	Lname	Email	Phone	Pincode	City	Area	Address	Delete
Admin	Master	vasaniutsav2@gmail.com	6351595662					
manthan	bhadani	20bmitt13@gmail.com	6351595662					
rahul	savaliya	savaliyarahul813@gmail.com	6351595662					

Logout

Dark Mode ☐

50,120

Total Likes

20,120

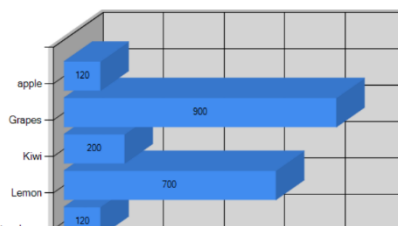
Comments

10,120

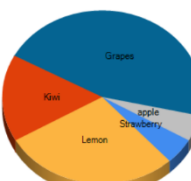
Total Share

top sales

top profit



top sales on product



# Chapter 6

## Testing

### 6.1 Test Cases:

#### 6.1.1 Registration:

Test Case	Input	Description	Actual output	Expected Output	Remarks
1.	Username=null	Missing Username	Error Message	Error Message	No
2.	Password=null	Missing Password	Error Message	Error Message	No
3.	Username=Invalid	Invalid Username	Invalid User	Invalid User	No
4.	Password=Invalid	Invalid Password	Invalid Password	Invalid Password	No
5	Username=Valid Password=Valid	Valid User	View System	View System	Yes

#### 6.1.2 Registration

Test Case	Input	Description	Actual output	Expected Output
1.	FirstName=""	Enter FirstName	Error Message	Error Message
2.	LastName=""	Enter LastName	Error Message	Error Message

3.	Email=""	Enter Email	Error Message	Error Message
4.	PhoneNumber=""	Enter Contact Number	Error Message	Error Message
5.	Password=""	Enter Password	Error Message	Error Message
6.	Confirm Password=""	Enter Confirm Password	Error Message	Error Message

### **6.1.3 Manage Product(Admin)**

Test Case	Input	Description	Actual output	Expected Output
1.	productName=""	Enter productName	Error Message	Error Message
2.	Total purchase stock (kg)=""	Enter Stock	Error Message	Error Message
3.	image=""	Enter image	Error Message	Error Message
4.	category =""	Enter Category	Error Message	Error Message
5.	Price=""	Enter price	Error Message	Error Message

### **6.1.4 Forget password**

Test Case	Input	Description	Actual output	Expected Output
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1.	Email =""	Enter user email	Error Message	Error Message
2.	Otp=""	Enter otp	Error Message	Error Message
3.	Otp=invalid	Enter otp	Error Message	Error Message
4.	Otp=valid	Enter otp	Change password	Set new password
5.	Confirm new password=""	Enter password	Error Message	Error Message

### 6.1.5 Place Order(user)

Test Case	Input	Description	Actual output	Expected Output
1.	FirstName=""	Enter FirstName(change firstname)	Error Message	Error Message
2.	LastName=""	Enter LastName(change last name)	Error Message	Error Message
3.	Address=""	Enter address(change address)	Error Message	Error Message
4.	Area=""	Enter area(chage area)	Error Message	Error Message
5.	Pincode=""	Enter pincode(change pincode)	Error Message	Error Message

6.	Phone=""	Enter phone number(change phone number)	Error Message	Error Message
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# Chapter 9

## **Future Enhancement:**

In the future, this system will have several advantages, such as increased speed, efficiency, and cost-effectiveness. It will also provide enhanced security and integrity, enabling new functionality such as stock management and other advanced features. This will help make the system even more useful and effective.

## **Conclusion:**

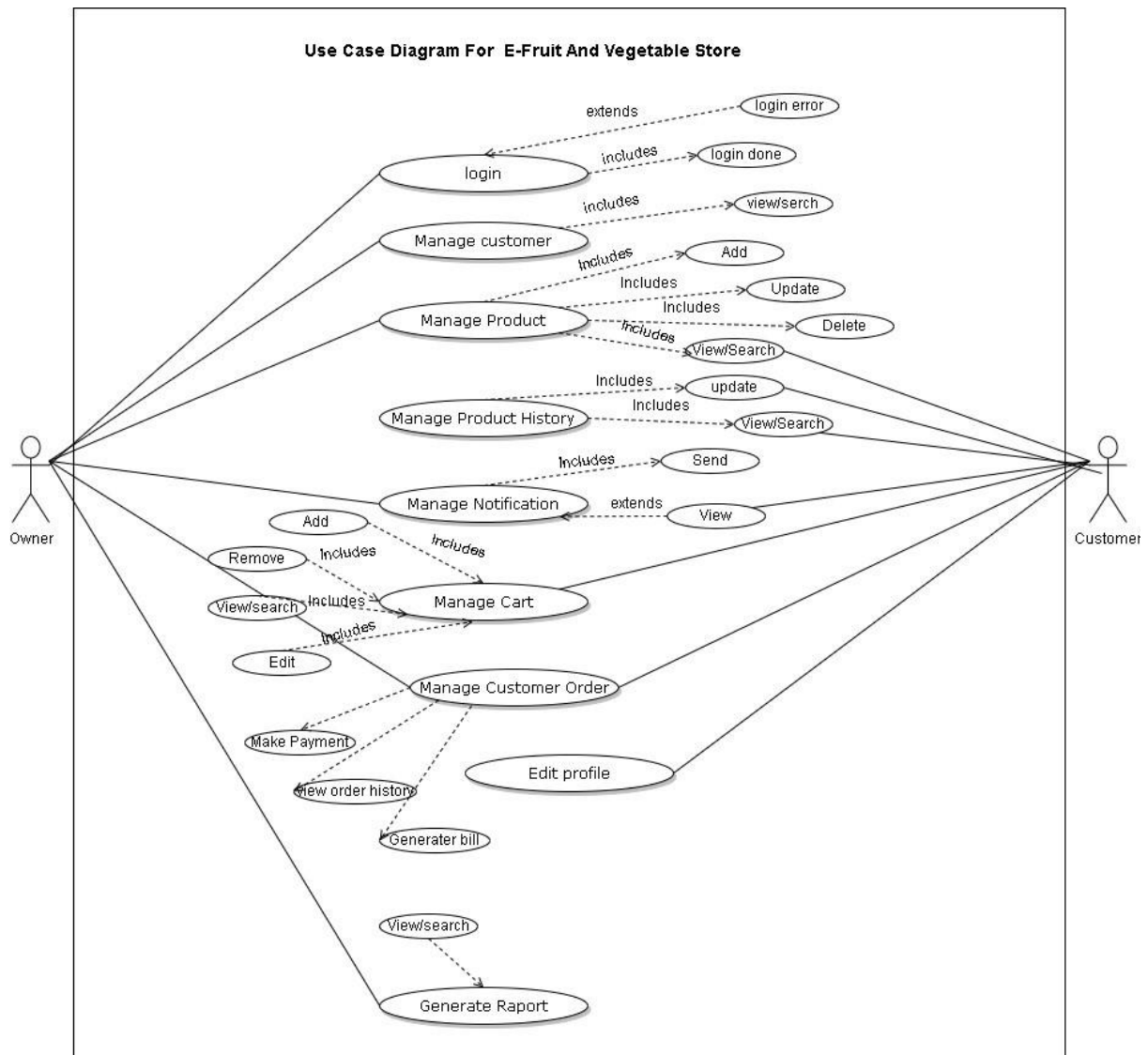
This system will provide much flexibility to a restaurant for managing mostly each and every factor which will make it more smoother. And we can expanse boundaries to a system, this system can also be enhanced to its further potential.

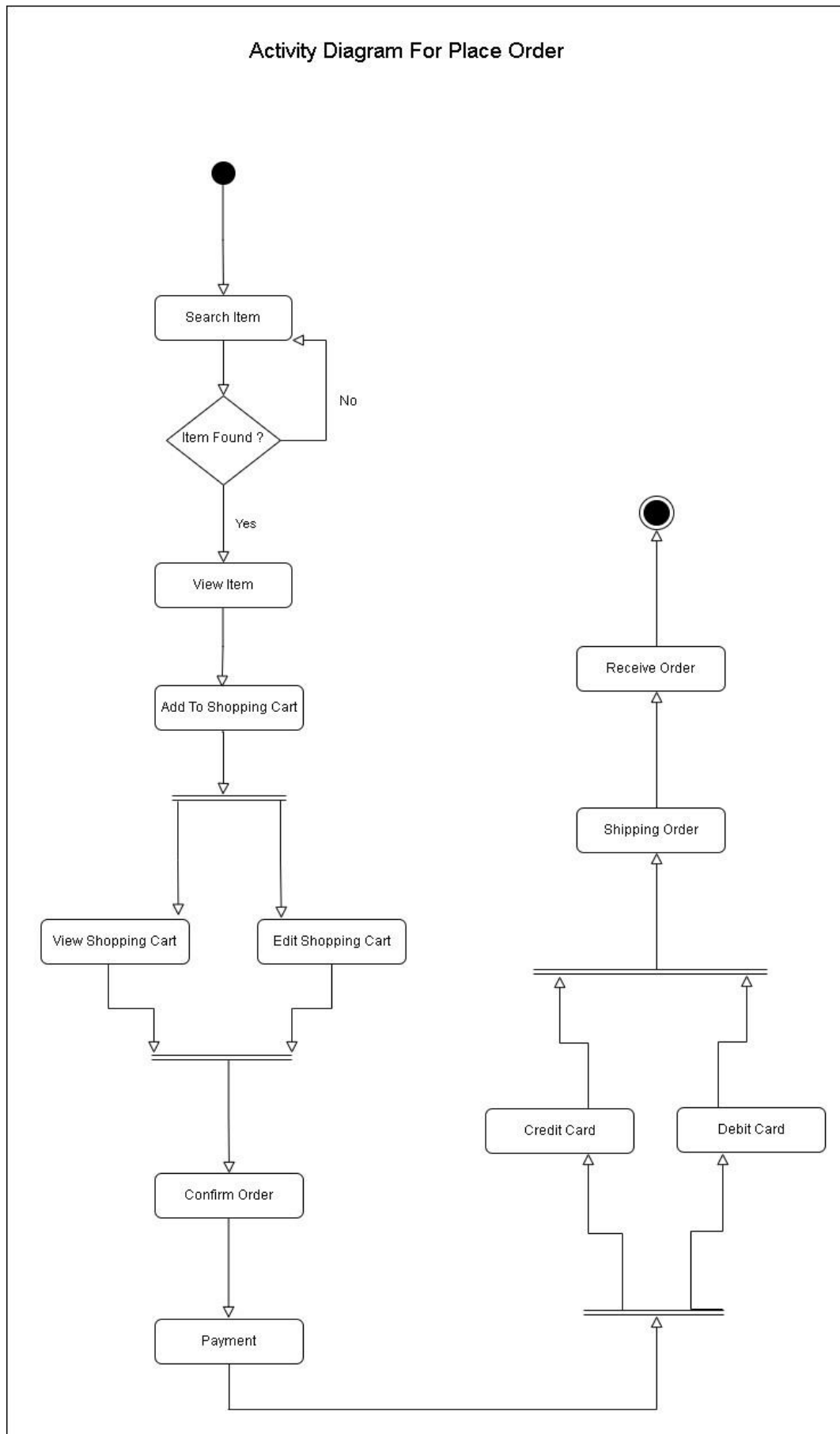
## **Bibliography:**

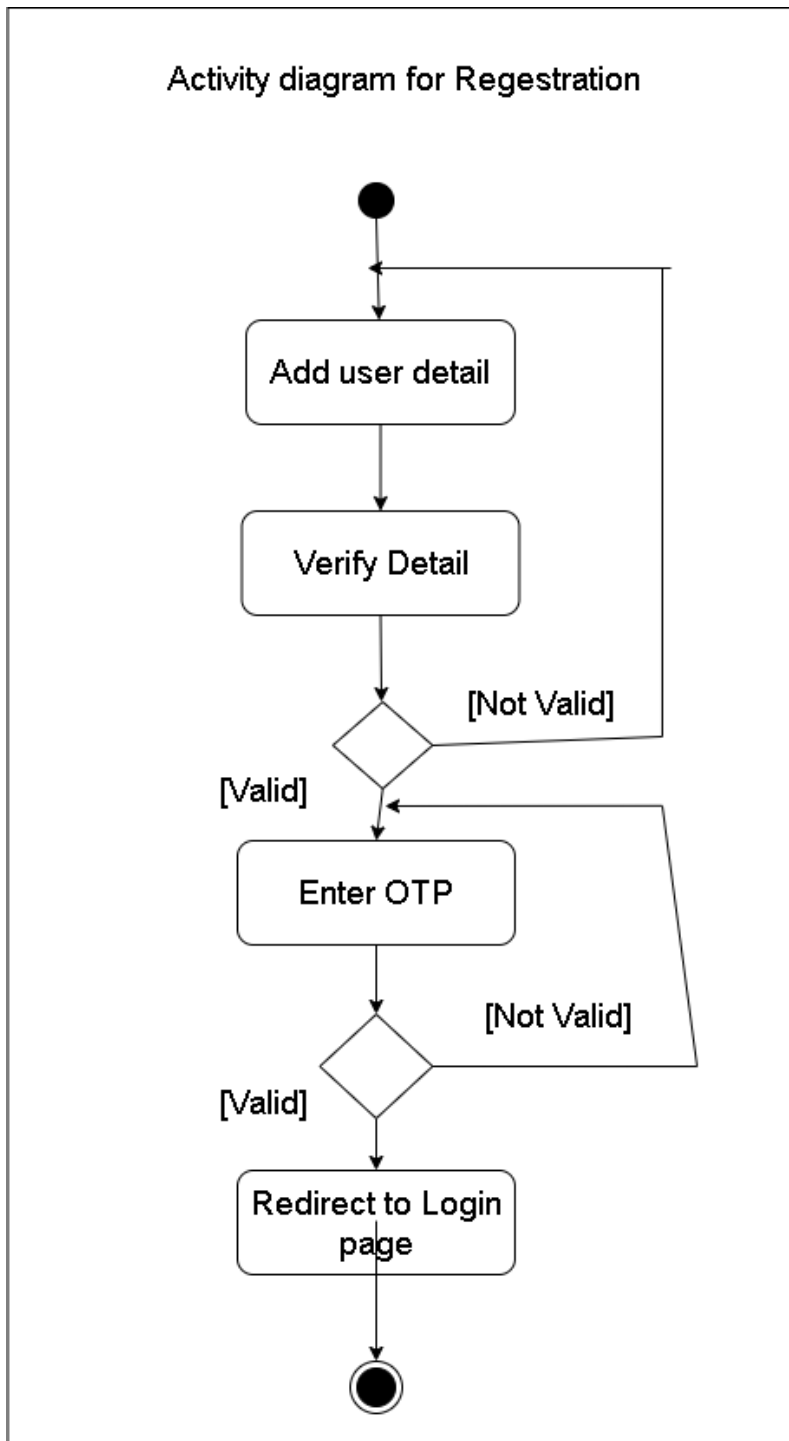
- Github
- Draw.io for diagrams
- Stackoverflow
- Geekforgeeks

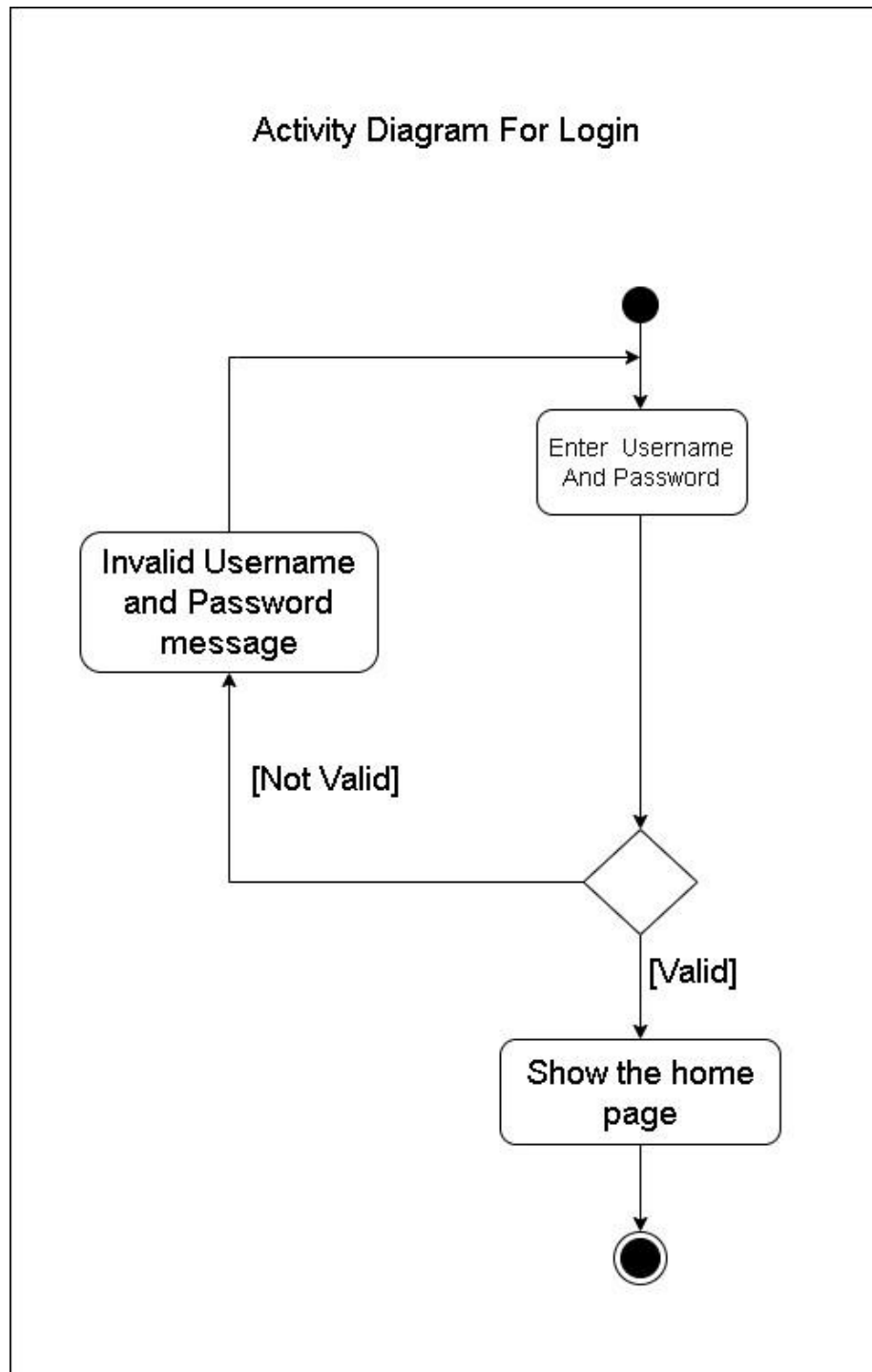


## Use Case Diagram

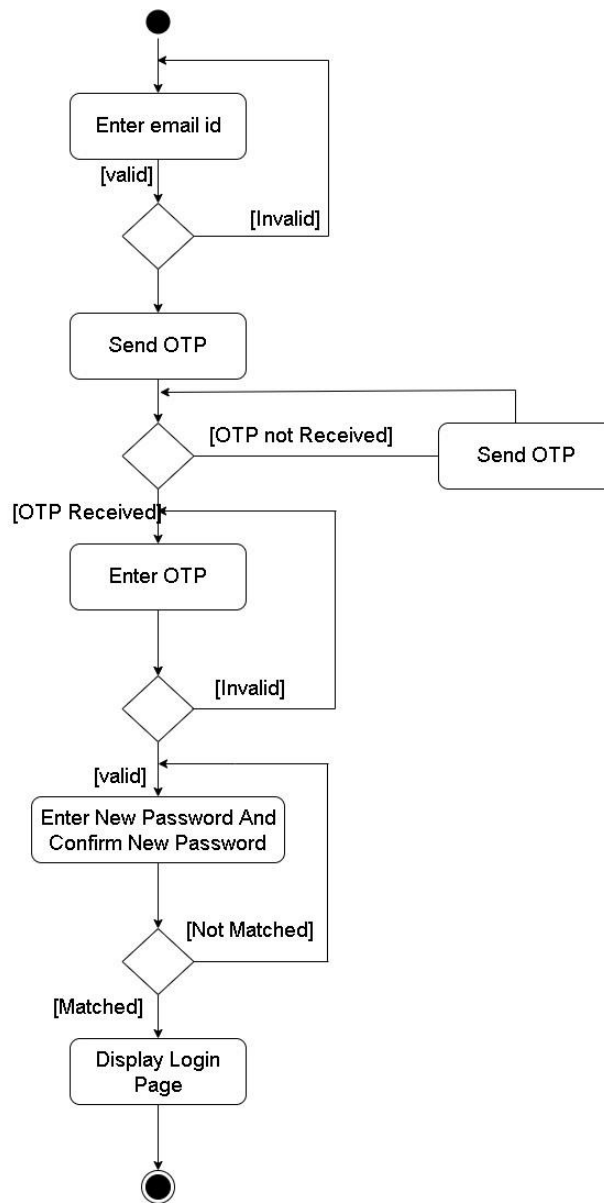




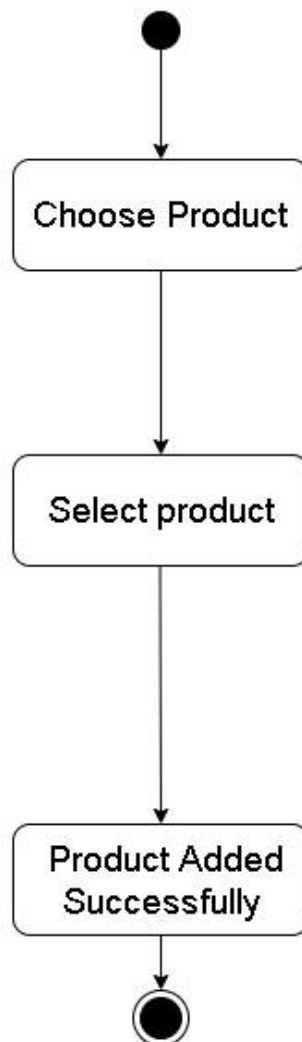




Activity Diagram For Forget Password



Activity Diagram For Add product By Customer



### Activity Diagram For Search Product

