



Bachelor of Computer Applications (BCA) Programme

Project Report

BCA Sem VI
AY 2020-21

The TajMahal Beverages (E-Commerce Website)

by

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Gathiyawala**



SDJ INTERNATIONAL
COLLEGE

C E R T I F I C A T E

This is to certify that Mr. **Shaikh Aadil Javed, Patrawala Mohammed Abbasbhai** examination number **3280, 3253** has satisfactorily completed his project work entitled **The Tajmahal Beverages (E-Commerce Website)** as partial fulfillment of requirements for BCA Sem VI, during the academic year 2020-21.

Date: 17/06/2021

Place: Surat

Dr. Aditi Bhatt
(I/c Principal)
SDJ International College,
Surat

Acknowledgement

The success and final outcome of this project required a lot of guidance and assistance from many people and I am extremely fortunate to have got this all along the completion of my Project work. Whatever I have done is only due to such guidance and assistance and I would not forget to thank them.

I owe our profound gratitude to our Director Mr. Deepak Vaidya, Coordinator Mrs. Aditi Bhatt, HOD Dr. Vaibhav Desai and Project guides Assistant Prof. **Nainesh Gathiyawala** of SDJ International College, who took keen interest on my Project work and guided me all along, till the completion of my Project work by providing all the necessary information for presenting a good Concept. I am extremely grateful to them for providing such a nice support and guidance though they had busy schedule managing the college affairs.

I am thankful and fortunate enough to get support and guidance from all Teaching staffs of Bachelor of Computer Application Department which helped me in successfully completing my Project work. Also, I would like to extend my sincere regards to all the non-teaching staff of Bachelor of Computer Application Department for their timely support.

A.J. Shaikh

Shaikh Aadil Javed
3280

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Patrawala Mohammed Abbasbhai
3253

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1 . INTRODUCTION

1.1 Project Summary

The TajMahal Beverages is a web application, which retails a wide range of Syrups, Beverage Bottle, Flavored Beverages, Sharbat, etc.

This project allows viewing various products available enables registered users to purchase desired products instantly using Online payment (Instant Pay) and also can place orders by using Cash on Delivery (Pay Later) option.

This project provides easy access to Administrators to view orders placed Using Pay Later and Instant Pay options.

To develop an E-Commerce website, several Technologies must be studied and understood. These include multi-tiered architecture, server, and client-side scripting techniques, implementation technologies such as ASP.NET, programming language (such as C#), and relational databases.

This is a project with the objective to develop a basic website where a consumer is provided with a shopping cart application where users can purchase a product and also know about the technologies used to develop such an application.

This document will discuss each of the underlying technologies to create and implement an E-Commerce Website.

1.2 Project Technical Profile



Field	Description
Project Title	The TajMahal Beverages
Developed For	The TajMahal Beverages
Language	C#.Net.
Front End	Microsoft Visual Studio 2012.
Back End	Microsoft SQL Server 2008.
Documentation Tool	Microsoft Word 2016, Wondershare EdrawMax
Team Members	2 Members.
Project Duration	4 Months.
Internal Guide	Mr. Nainesh Gathiyawala
Name of College	SDJ International College
Submitted By	Aadil Shaikh(3280) Mohammed Patrawala(3253)

1.3 System Requirements

The Tajmahal Beverages requires following technical specifications to run it properly and efficiently.

❖ **Hardware Requirements:**

- Intel dual core processor or higher.
- 4GB RAM
- 1GB empty space on hard disk.
- Working Internet connection.

❖ **Software Requirements:**

- Windows 7 or Higher.
- .Net Framework 4.0 or above.
- (No SQL server is required as it has cloud based database.)

2. Scope & Planning

2.1 Requirement Analysis

❖ Requirement Analysis :-

- Requirement analysis bridges the gap between system engineering and system design.
 - Requirement analysis allows the software engineer to refine the software allocation and build models of data, function and behavioural domains that will be treated by software.
 - Requirement analysis provides the software designer with a representation of information, function and behaviour that can be translated to data, architectural interface and component level designs. Finally requirement specification provides information to design quality software.
 - Requirement analysis also involves studying the current business system to find out how it works and where and improvements are possible
- ❖ The process of Requirement analysis is carried out in three steps namely Requirement Anticipation, Requirement Investigation and Requirement Specification are possible.

❖ Requirement Anticipation :-

Requirement Anticipation is very much part of system designing. According to our understanding, it is to predict the feature requirement based on the previous experience of user aptitude.

❖ Requirement Investigation :-

Requirement Investigation is the actual study of the system in use currently. Being a manual system, the user interviews, observation, review and course intuition play a major role in fact-finding process. More description about the requirement investigation can be found detail study of the existing system. Also we have done Data Gathering.

❖ Requirement Specification :-

Specification can be a written document, a graphical model, a formal mathematical model, collection usage scenarios, prototype, or any combination of this. It is final product.

2.2 Feasibility Study

An important outcome of preliminary investigation is the determination that the system requested is feasible or not.

The feasibility of our project has been judged on the basis of time, technology and finance.

❖ **Time :-**

- Project is initiated with specific deadlines.
- We need to determine whether the deadlines are mandatory or desirable.
- Time is one of the most important factors in the development of any system but this kind of feasibility is hardly perfect in the system.

❖ **Technology :-**

- The system is built on C# Net, which is the latest and highly rated technology for developing desktop application.
- Microsoft SQL Server 2008 is the best suitable Back End.
- So system will be up to the mark according to technology:

➤ **Finance :-**

- The most important issue in the feasibility study is cost benefits analysis. The cost involved in the designing and developing a system should be good investment for the organization, the financial benefits must be justified by the cost.
- The finance and economical issues raised during preliminary investigations are as follow. There is no extra cost of hardware.



2.3 Time Line Chart

Work Tasks	Jan	Feb				March				April				May				June	
Week	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2
1.Requirement Gathering																			
1.1 Learn C#																			
1.2 Requirement Gathering																			
1.3 Requirement Analysis																			
Milestone: Requirements																			
2.Modeling																			
2.1 Identifying proposed project																			
2.2 Identifying Objectives.																			
2.3 Scope definition.																			
2.4 Review.																			
Milestone: Modeling																			
3.System Design																			
3.1 Design system flow.																			
3.2 Database Design.																			
3.3 Admin Side Design.																			
3.4 Client Side Design																			
3.5 Review.																			
Milestone: System Design																			
4.Coding																			
4.1 Admin Side Coding																			
4.2 Client Side Coding																			
Milestone: Coding completed																			
5.Testing																			
5.1 Unit Testing																			
5.2 Navigational Testing																			
5.3 Functional Testing																			
5.4 Environmental Testing																			
5.5 Correction																			
Milestone: Testing Complete																			
6. Documentation																			

2.4 Future Development

It is not possible to develop a system that makes all the requirements of the user. User requirements keep changing as the system is being used. Some of the future enhancements that can be done to this system are:

- Based on the future security issues, security can be improved using emerging technologies.
- WebApp development is in the process for mobility of the website.
- Shipping tracking module implementing in the website.
- Live support to client.
- Enhancement is to be made for the Mobile View.

2.5 Technology Details :-

➤ **Hardware Requirements:**

Processor : Intel(R) Core (TM) i3 CPU @ 2.30GHz

Memory : 2 GB

Hard Disk :1GB or Higher

➤ **Software Requirements:**

Operating System : Windows 7 or higher

Frontend : Microsoft Visual Studio 2012

Code Behind : C#

Backend : SQL Server Management Studio 2008

Other Tools : HTML, Java Script, Bootstrap, CSS & jQuery

Input Device : Keyboard, Mouse

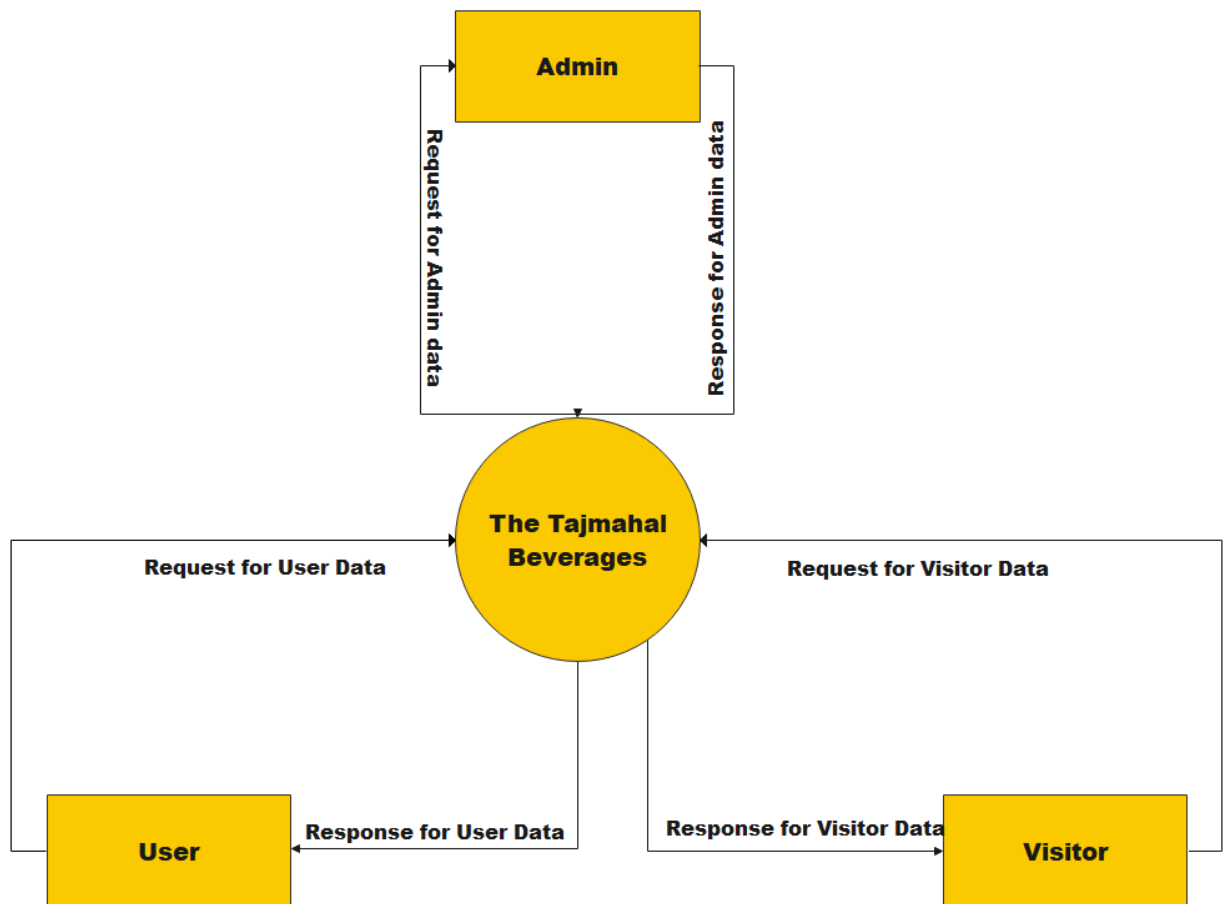
Output Device : Monitor

Browser : All Modern Browsers

3. Designing

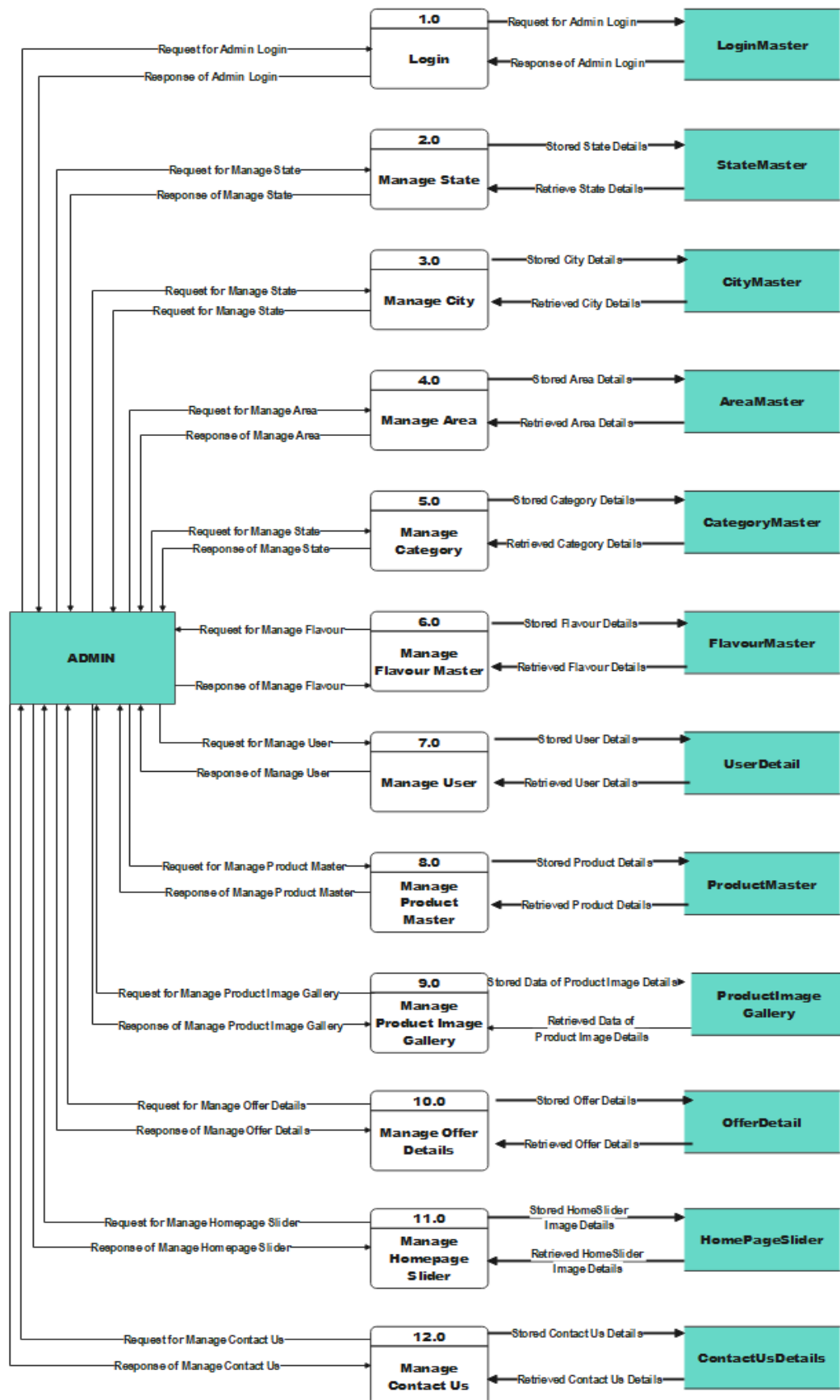
3.1 Data Flow Diagram

Context Level Data Diagram

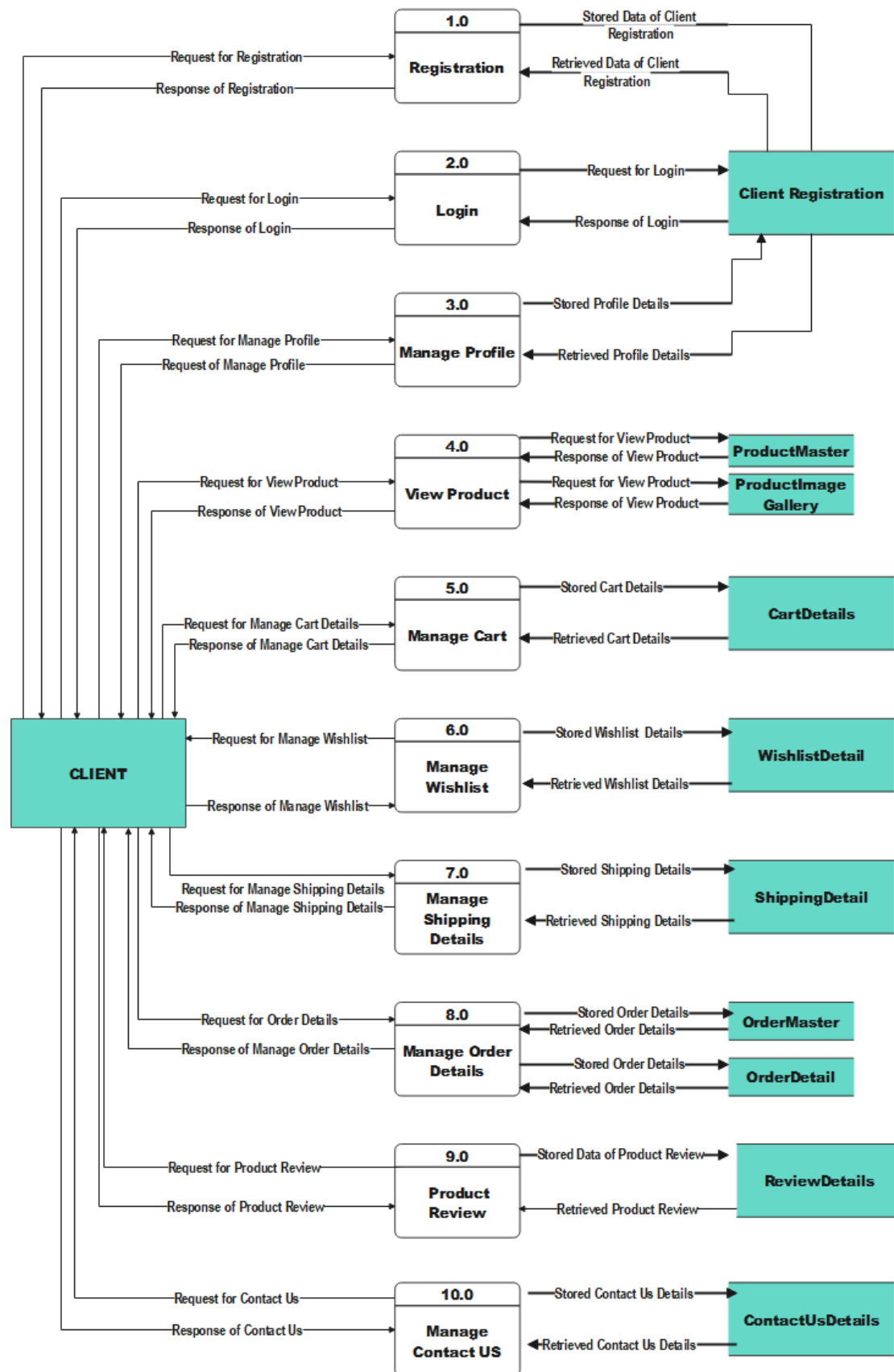


1st Level Data Flow Diagram

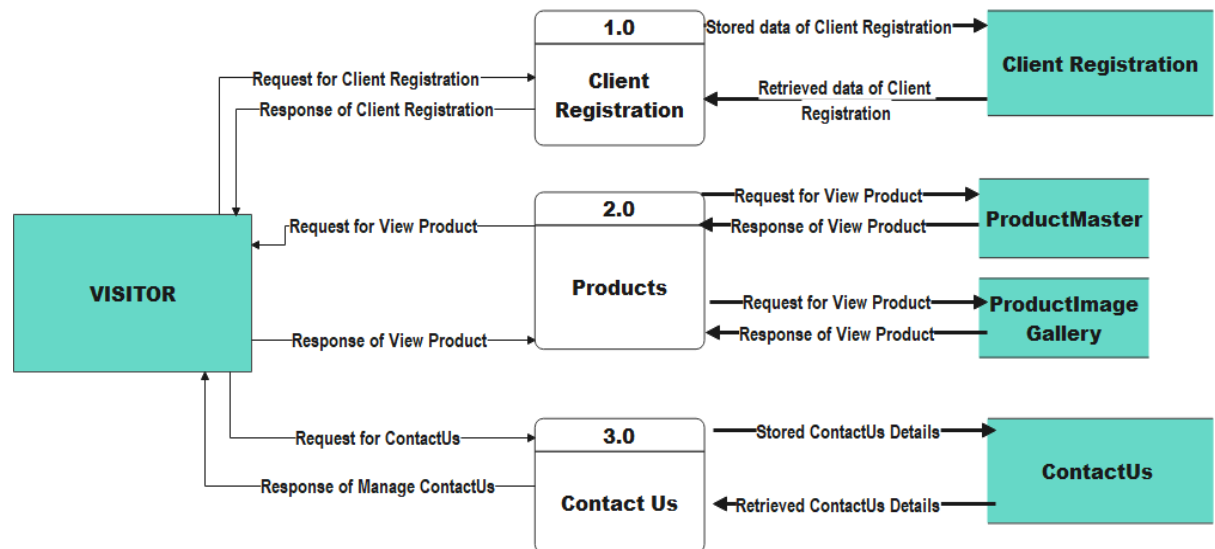
1st Level Admin



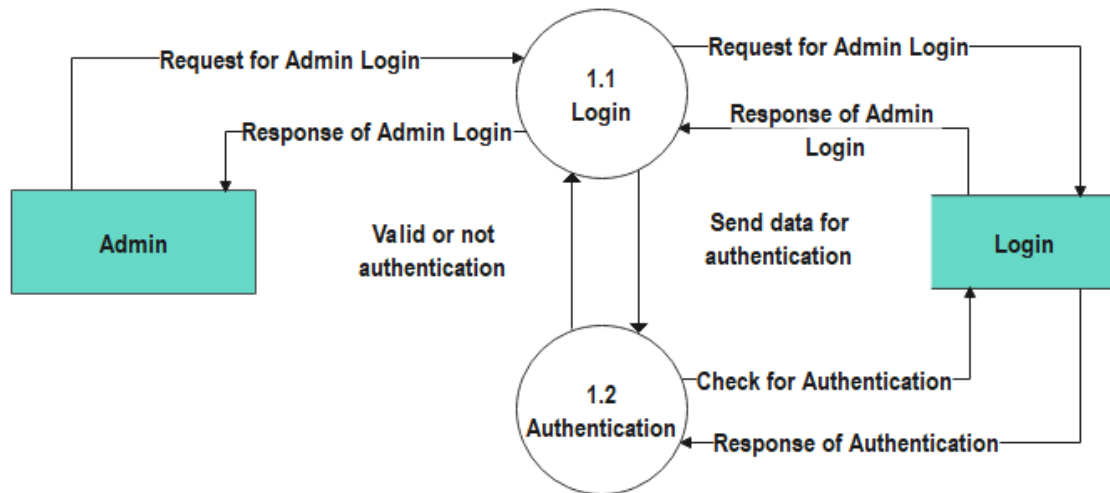
1st Level Client



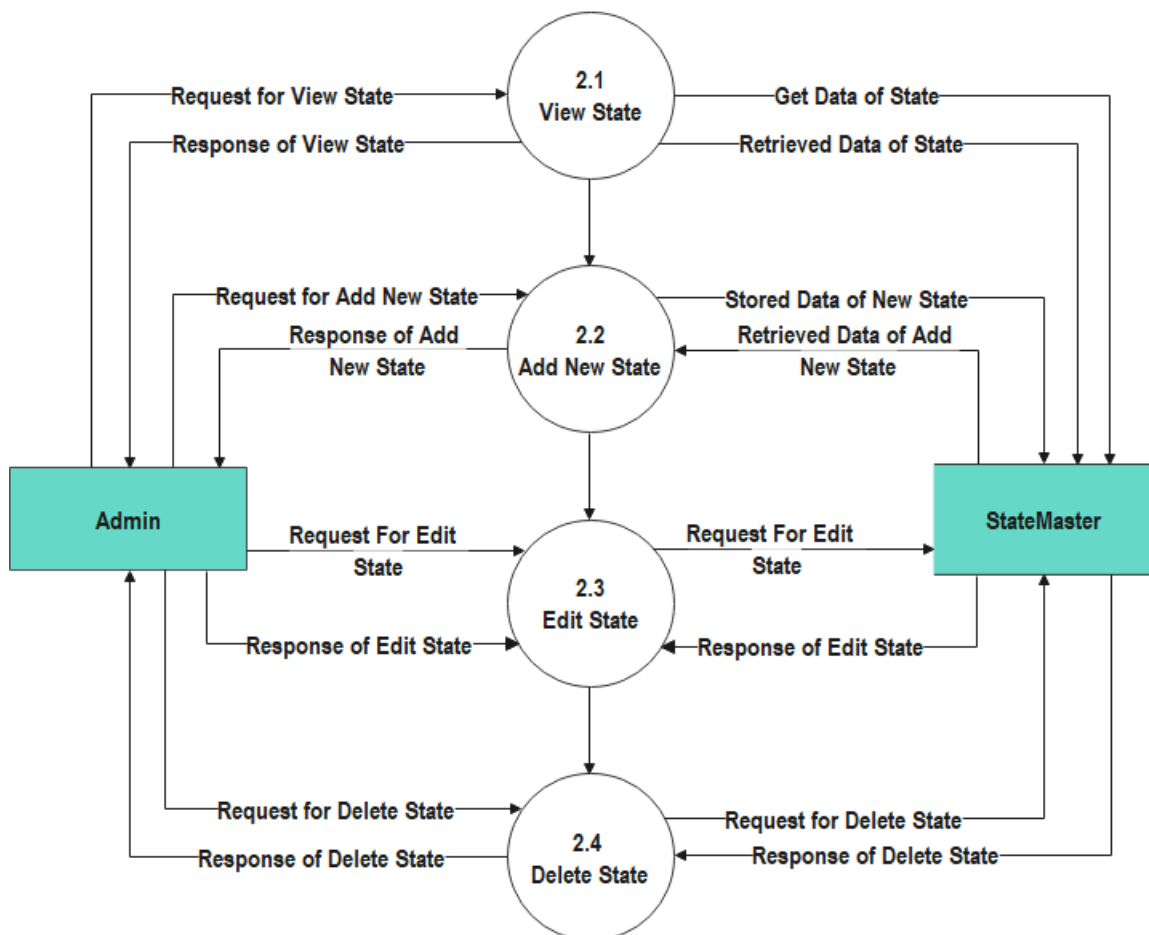
1st Level Visitor



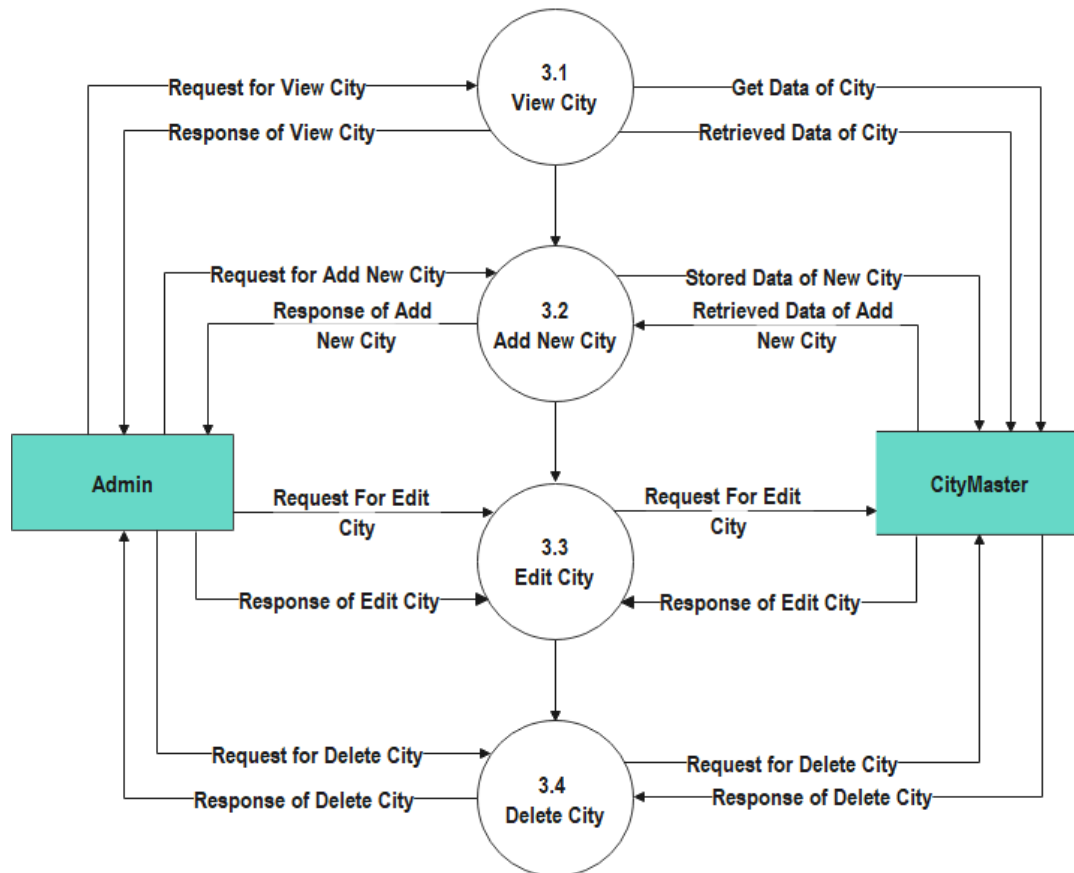
2nd Level Data Flow Diagram 2nd Level Admin (Login)



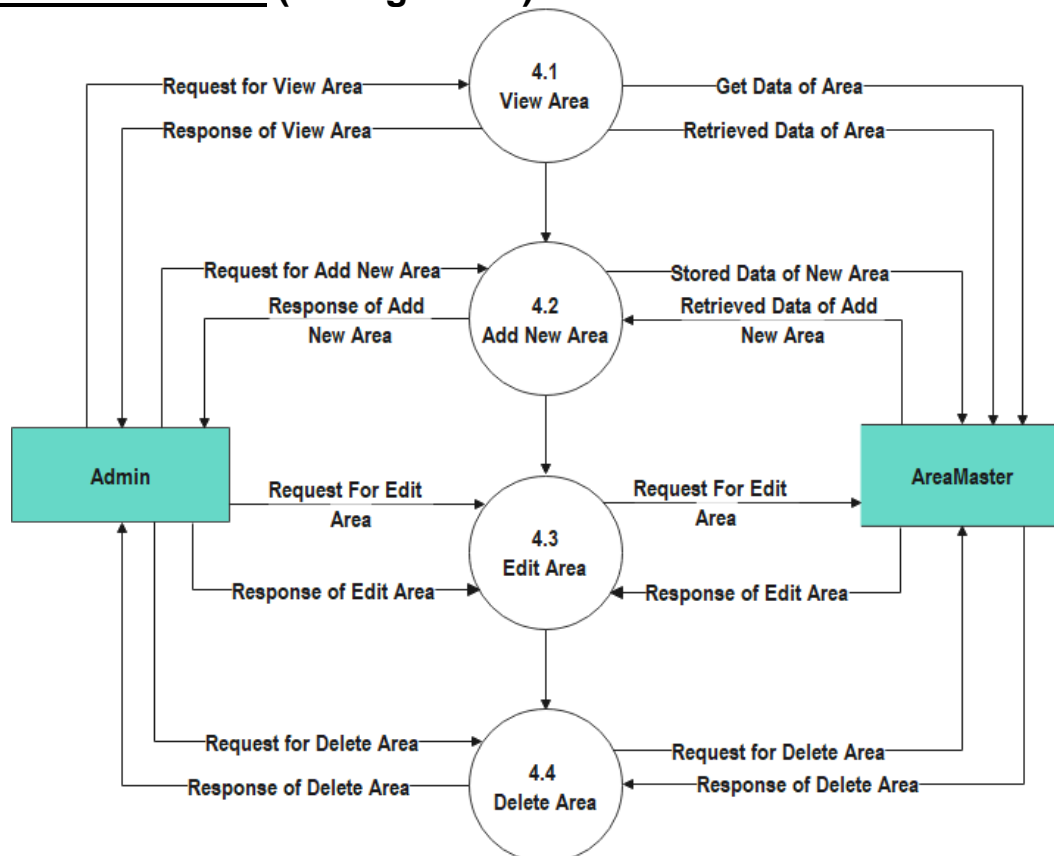
2nd Level Admin (Manage State)



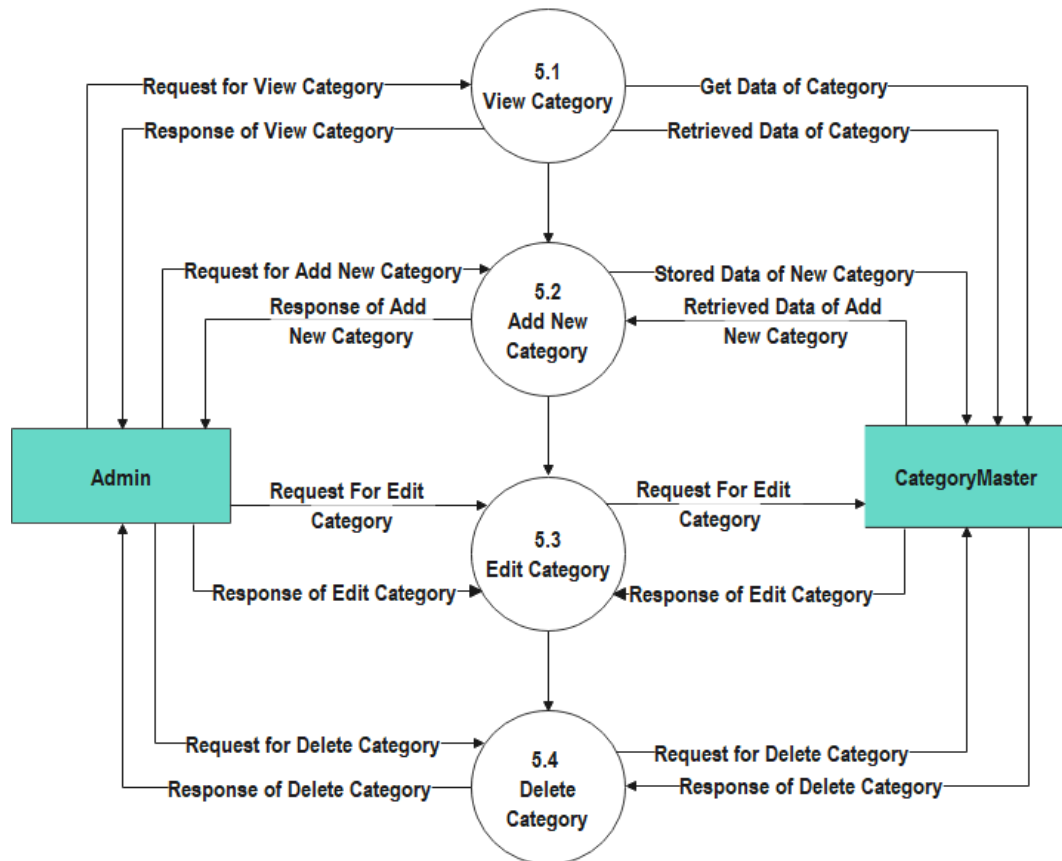
2nd Level Admin (Manage City)



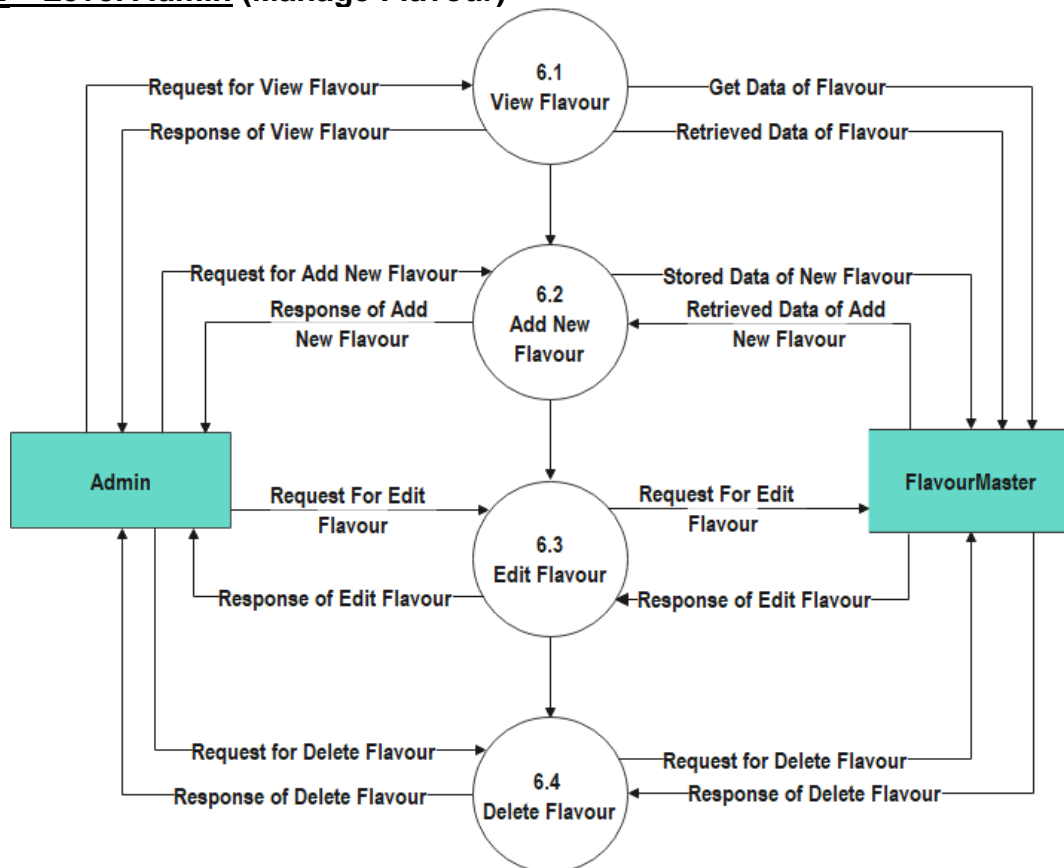
2nd Level Admin (Manage Area)



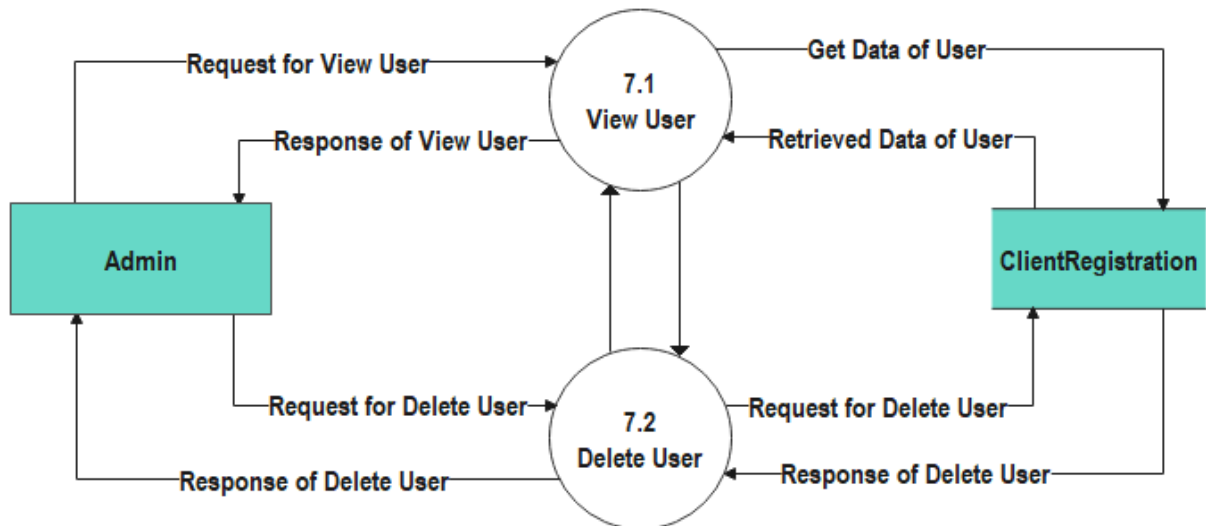
2nd Level Admin (Manage Category)



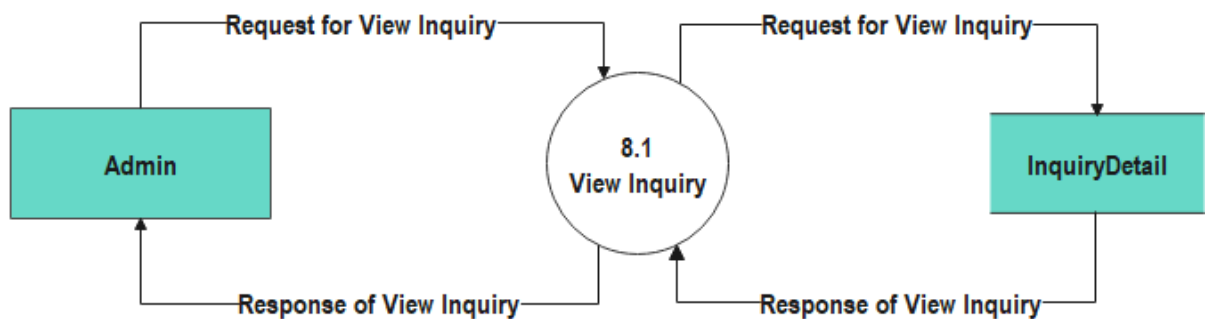
2nd Level Admin (Manage Flavour)



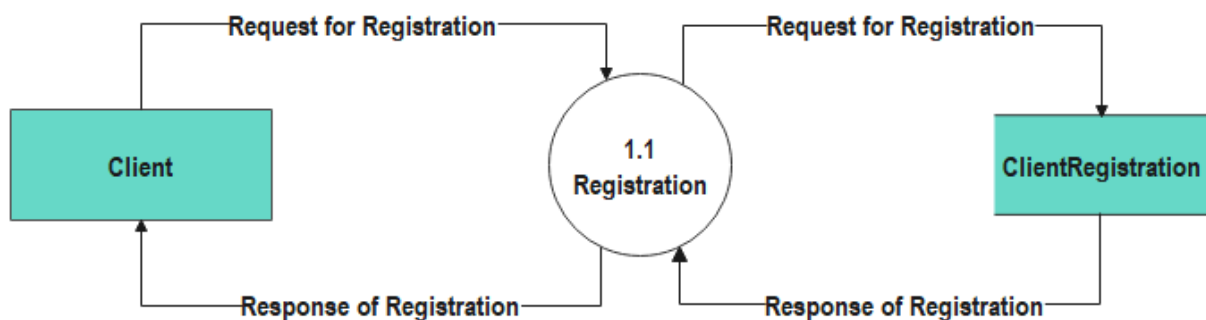
2nd Level Admin (Manage User)



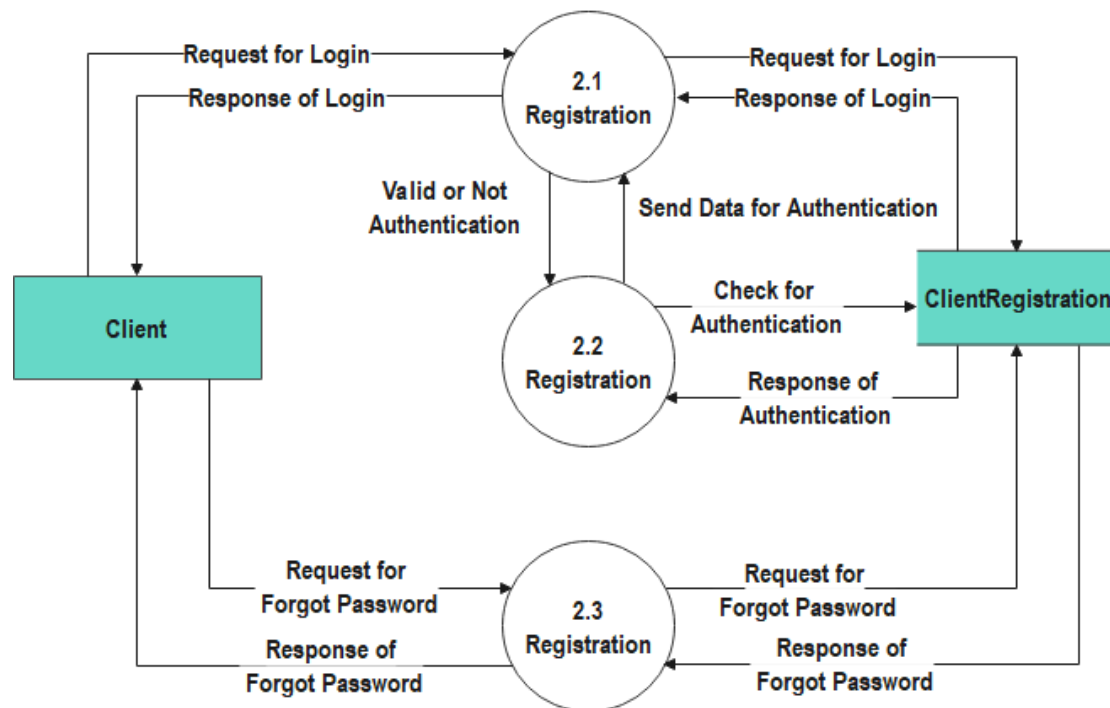
2nd Level Admin (Manage Inquiry)



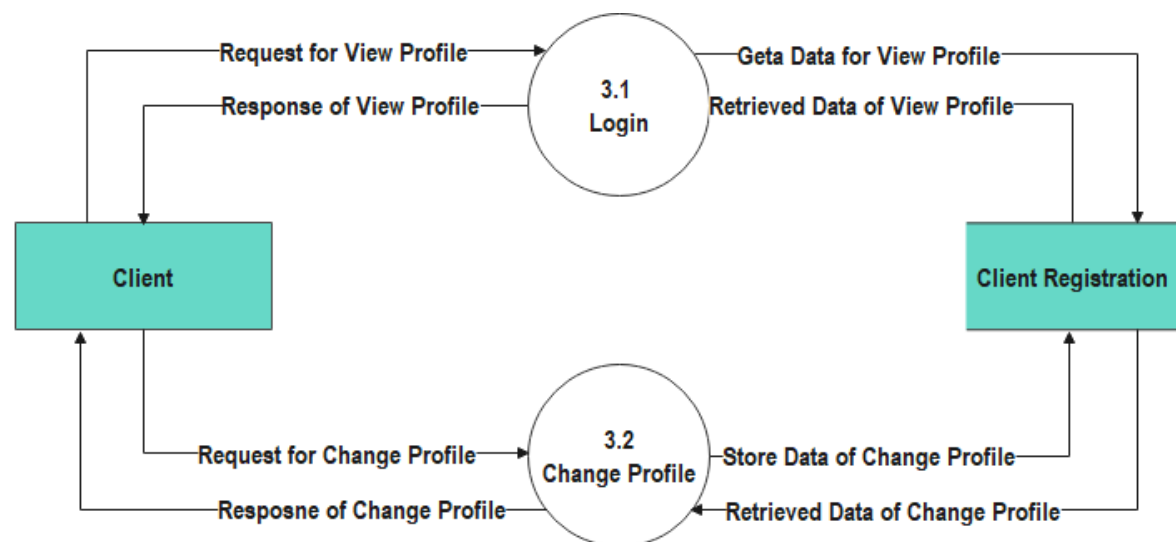
2nd Level Client (Registration)



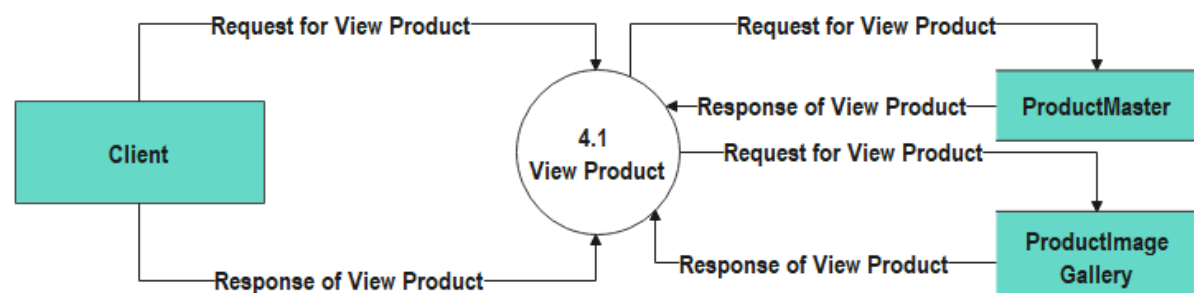
2nd Level Client (Login)



2nd Level Client (Manage Profile)

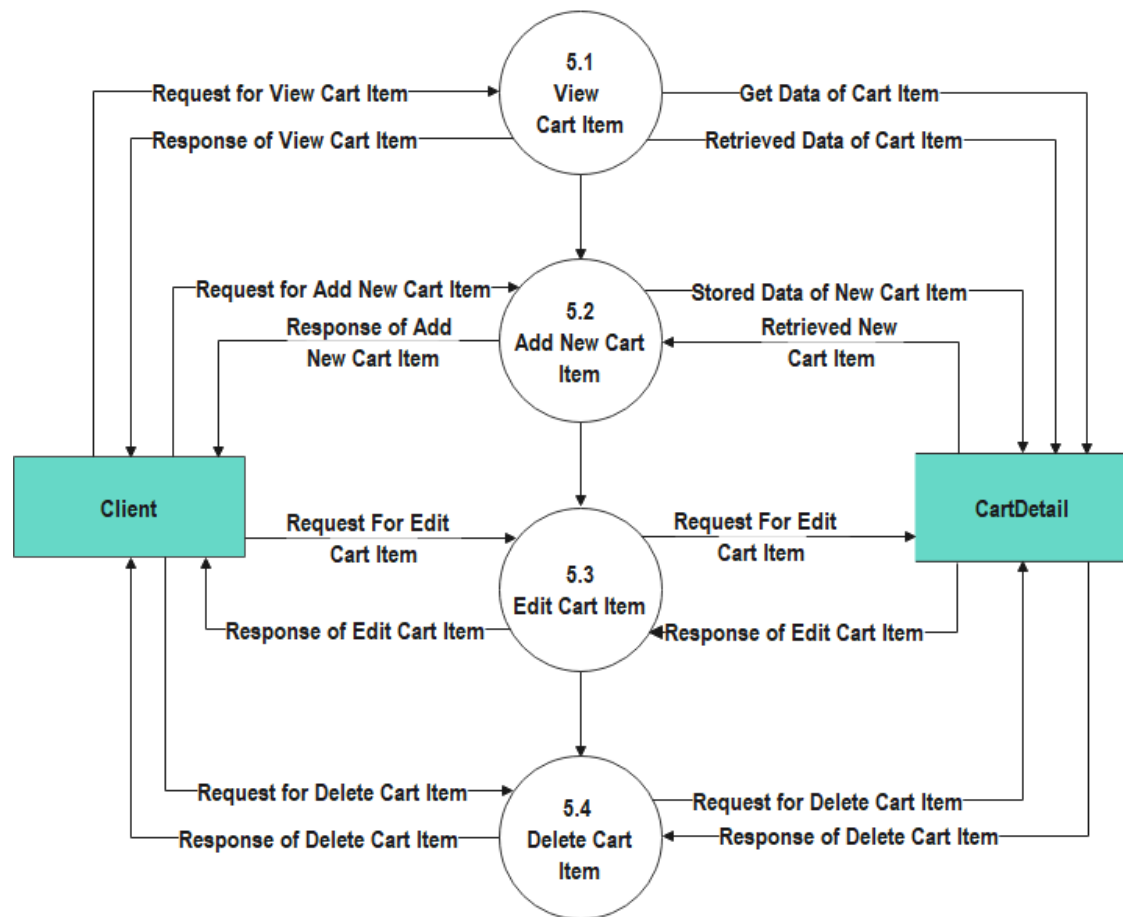


2nd Level Client (View Product)

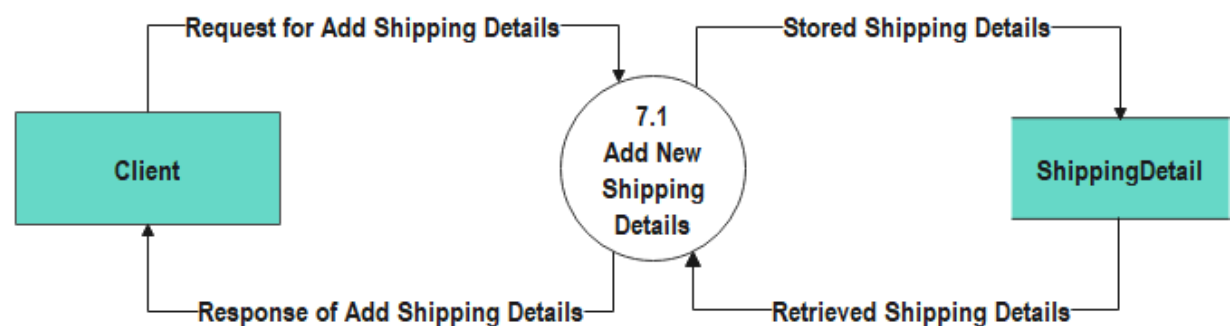




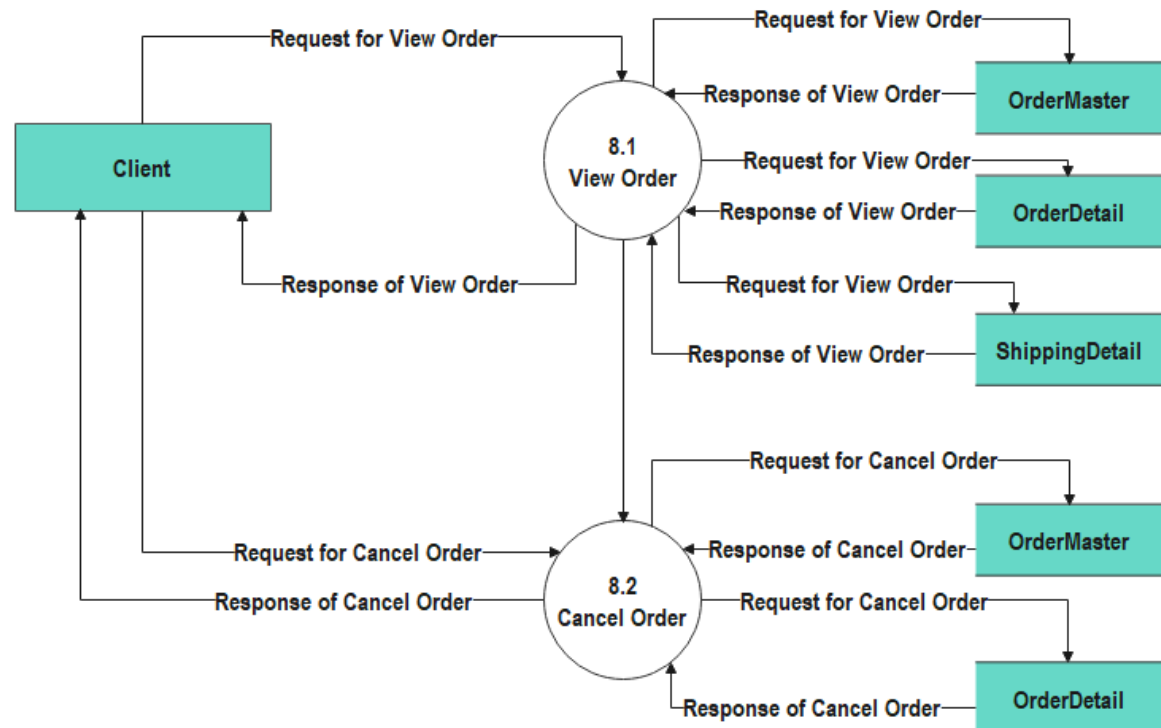
2nd Level Client (Manage Cart)



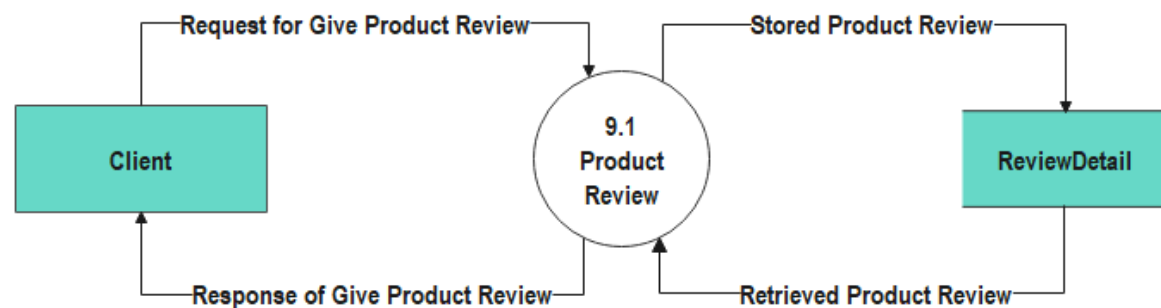
2nd Level Client (Manage Shipping Details)



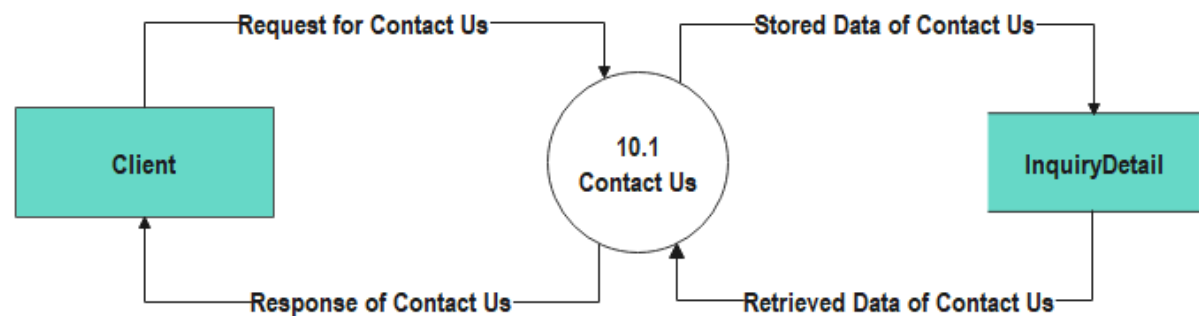
2nd Level Client (Manage Order Details)



2nd Level Client (Product Review)

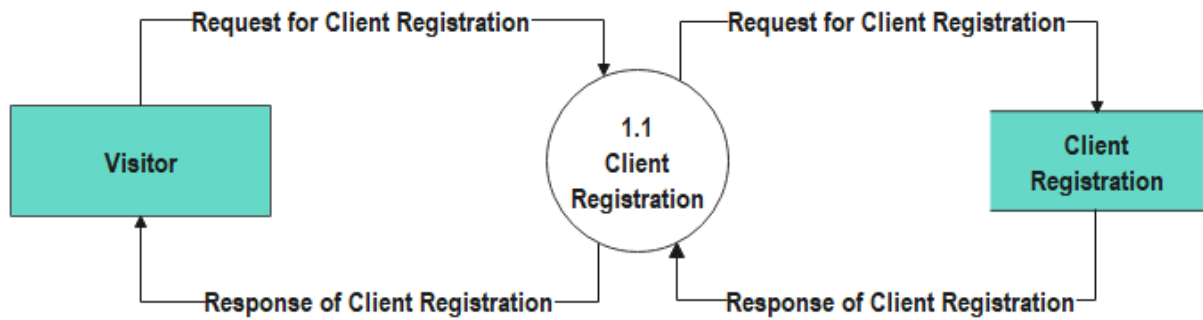


2nd Level Client (Contact Us)

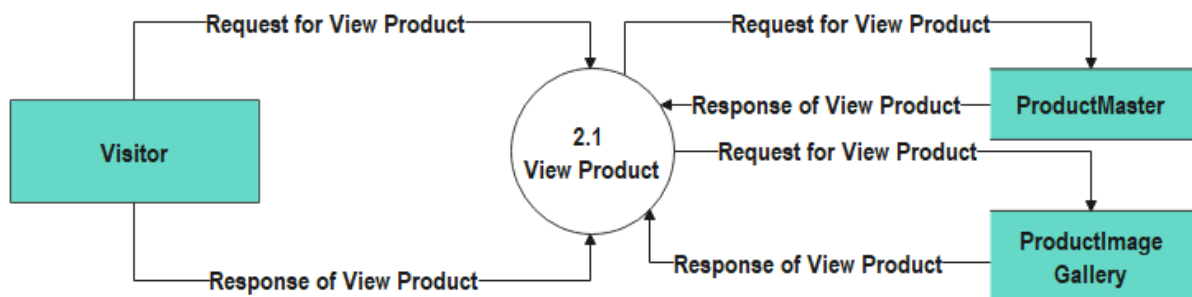




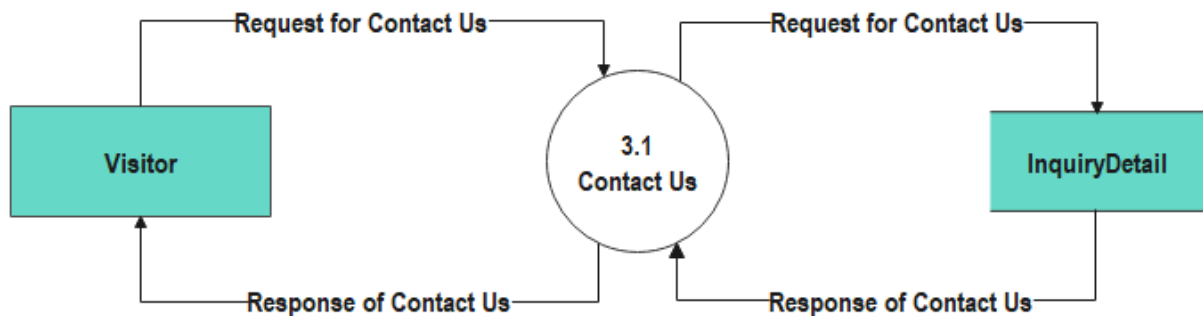
2nd Level Visitor (Client Registration)



2nd Level Visitor (View Product)



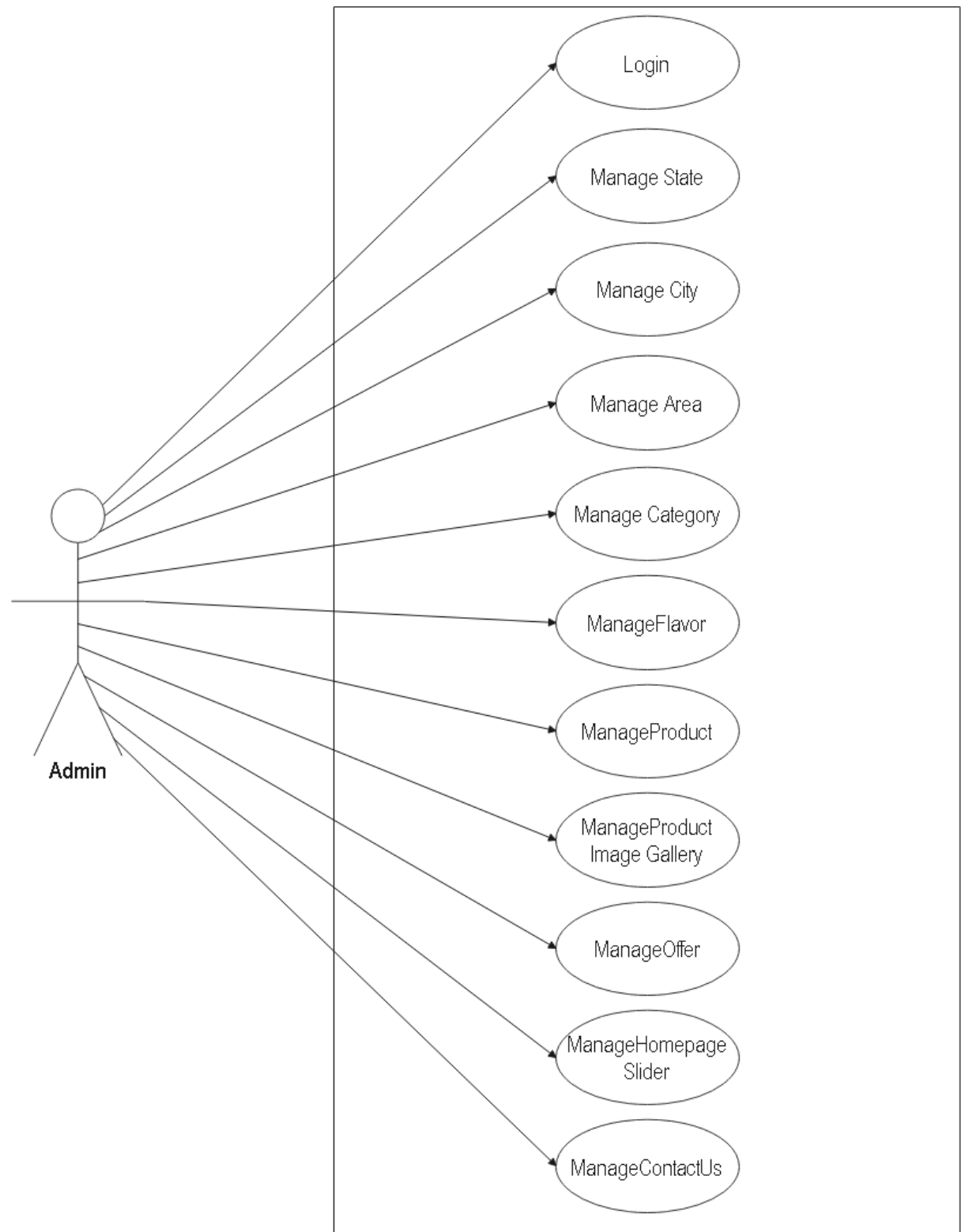
2nd Level Visitor (Contact Us)



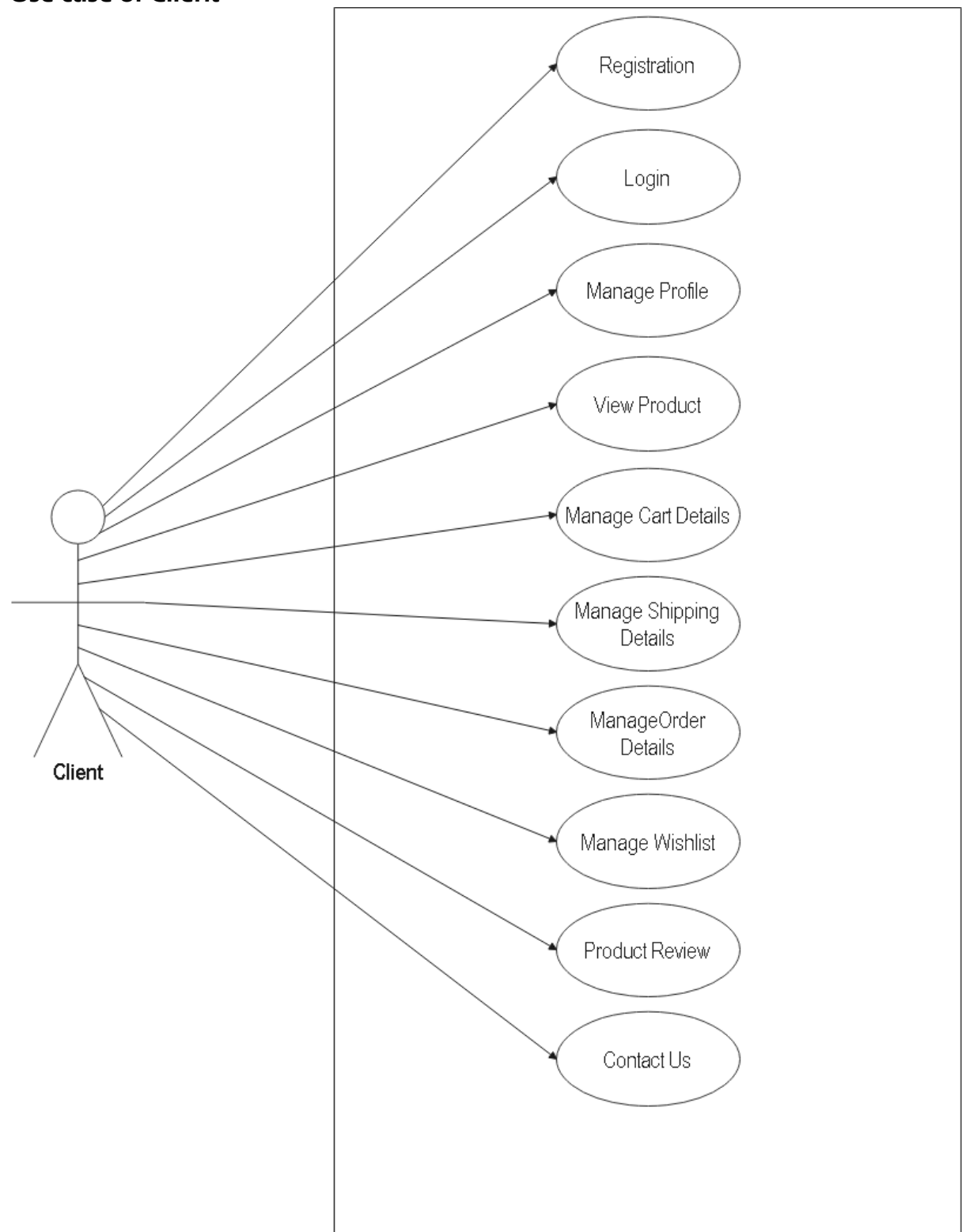


3.2 Use Case Diagram

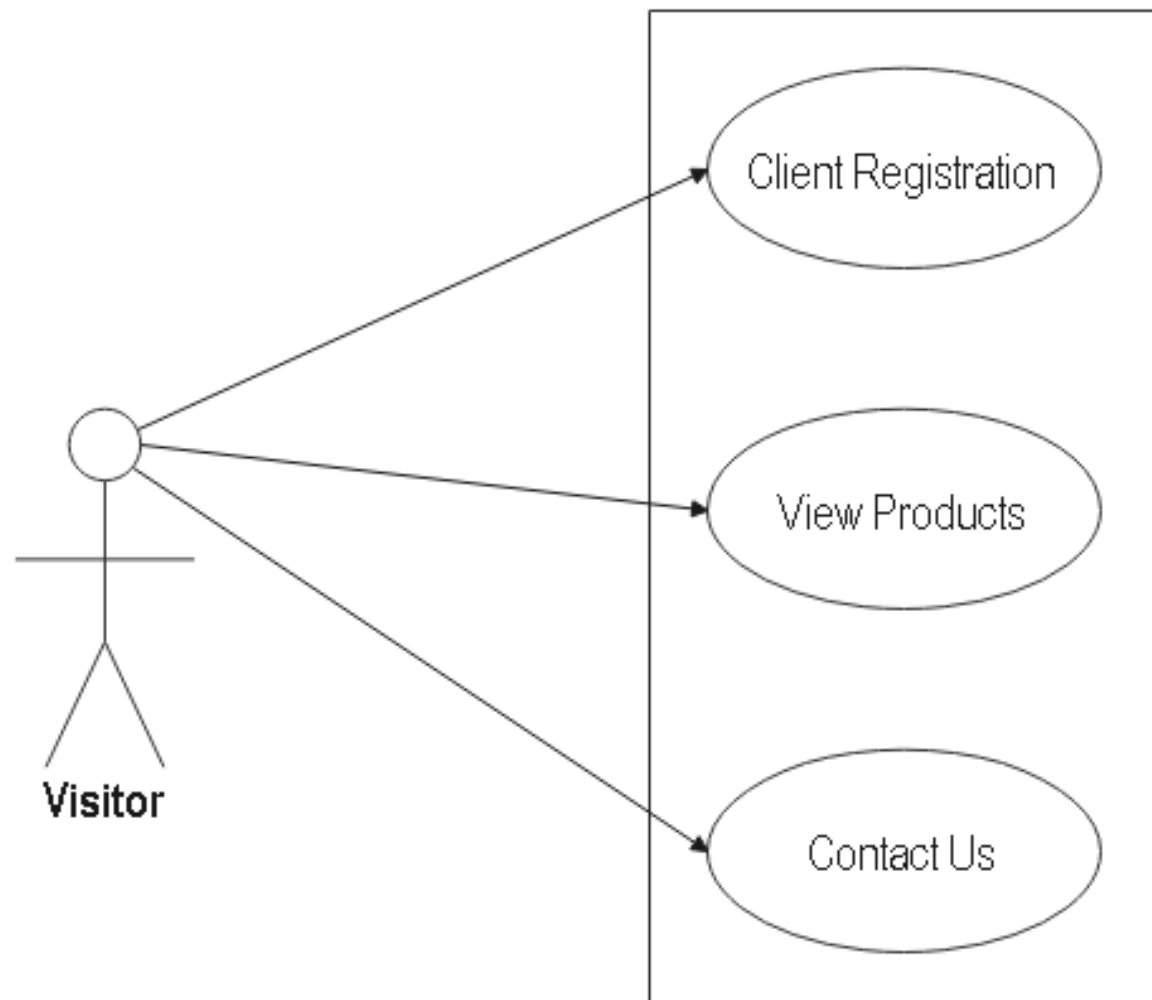
Use case of Admin



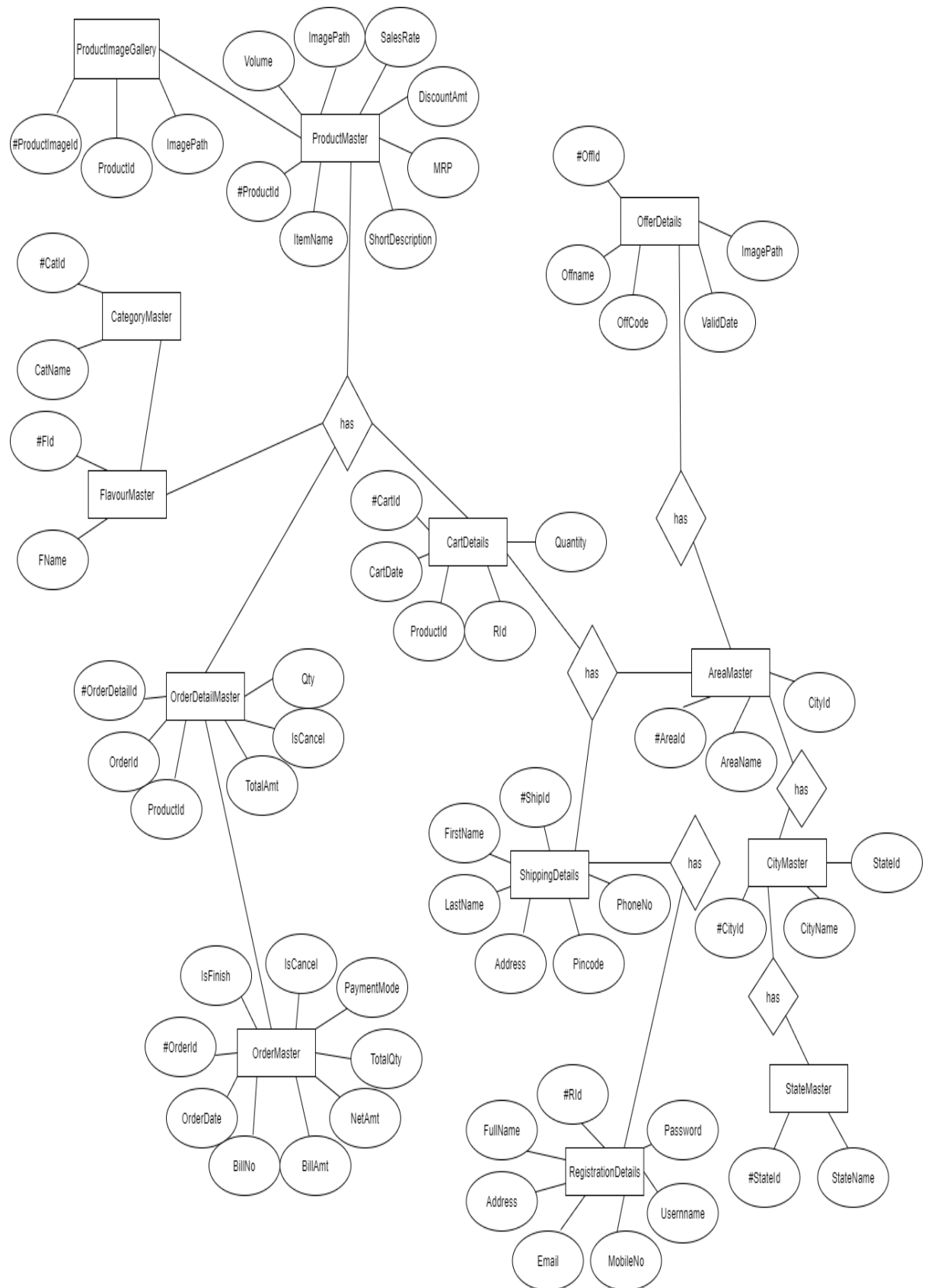
Use case of Client



Use Case of Visitor



3.2 Use Case Diagram



3.4 Data Dictionary



Name :	AreaMaster
Alias :	None
Where How Used :	Area Detail Registration Process. (Input) Area Detail Update Process. (Input) Area Detail Delete Process. (Input) Area Detail View Process. (Output)
Description :	Manage Area Details.

Name :	CartDetails
Alias :	None
Where How Used :	Cart Details Registration Process. (Input) Cart Details Update Process. (Input) Cart Details Delete Process. (Input) Cart Details View Process. (Output)
Description :	Manage Cart Details.

Name :	CategoryMaster
Alias :	None
Where How Used :	Category Detail Registration Process. (Input) Category Detail Update Process. (Input) Category Detail Delete Process. (Input) Category Detail View Process. (Output)
Description :	Manage Category Details.

Name :	CityMaster
Alias :	None
Where How Used :	City Registration Process. (Input) City Update Process. (Input) City Delete Process. (Input) City View Process. (Output)
Description :	Manage City Details.

Name :	ContactUsDetail
---------------	------------------------



Alias :	None
Where How Used :	ContactUs Detail Registration Process. (Input) ContactUs Detail Update Process. (Input) ContactUs Detail Delete Process. (Input) ContactUs Detail View Process. (Output)
Description :	Manage ContactUs Details.

Name :	FlavourMaster
Alias :	None
Where How Used :	Flavour Registration Process. (Input) Flavour Update Process. (Input) Flavour Delete Process. (Input) Flavour View Process. (Output)
Description :	Manage Flavour Details.

Name :	HomePageSlider
Alias :	None
Where How Used :	HomePageSlider Image Insert Process. (Input) HomePageSlider Image Update Process. (Input) HomePageSlider Image Delete Process. (Input) HomePageSlider Image View Process. (Output)
Description :	Manage HomePageSlider Images Detail. (Output)

Name :	OfferDetail
Alias :	None
Where How Used :	OfferDetail Registration Process. (Input) OfferDetail Update Process. (Input) OfferDetail Delete Process. (Input) OfferDetail View Process. (Output)
Description :	Manage Offer Details.

Name :	OrderDetailMaster
---------------	--------------------------



Alias :	None
Where How Used :	OrderDetail Registration Process. (Input) OrderDetail Update Process. (Input) OrderDetail Delete Process. (Input) OrderDetail View Process. (Output)
Description :	Manage Order Details.

Name :	OrderMaster
Alias :	None
Where How Used :	Order Registration Process. (Input) Order Update Process. (Input) Order Delete Process. (Input) Order View Process. (Output)
Description :	Manage Order Master Details.

Name :	ProductImageGallery
Alias :	None
Where How Used :	Product Image Gallery Registration Process. (Input) Product Image Gallery Update Process. (Input) Product Image Gallery Delete Process. (Input) Product Image Gallery View Process. (Output)
Description :	Manage Product Image Gallery Details.

Name :	ProductMaster
Alias :	None
Where How Used :	Product Details Registration Process. (Input) Product Details Update Process. (Input) Product Details Delete Process. (Input) Product Details View Process. (Output)
Description :	Manage Product Master Details.

Name :	RegistrationDetails
---------------	----------------------------



Alias :	None
Where How Used :	Registration Details Registration Process. (Input) Registration Details Update Process. (Input) Registration Details Delete Process. (Input) Registration Details View Process. (Output)
Description :	Manage Registration Details.

Name :	ReviewMaster
Alias :	None
Where How Used :	Review Details Registration Process. (Input) Review Details Update Process. (Input) Review Details Delete Process. (Input) Review Details View Process. (Output)
Description :	Manage Review Details.

Name :	ShippingDetails
Alias :	None
Where How Used :	Shipping Details Registration Process. (Input) Shipping Details Update Process. (Input) Shipping Details Delete Process. (Input) Shipping Details View Process. (Output)
Description :	Manage Shipping Details.

Name :	StateMaster
Alias :	None
Where How Used :	State Master Registration Process. (Input) State Master Update Process. (Input) State Master Delete Process. (Input) State Master View Process. (Output)
Description :	Manage State Details.

Name :	UserDetail
Alias :	None
Where How Used :	UserDetail Registration Process. (Input) UserDetail Update Process. (Input) UserDetail Delete Process. (Input) UserDetail View Process. (Output)
Description :	Manage User Details.

3.5 Database Design

1. AreaMaster

Field Name	Data Type	Constraints	Description
AreaId	Int	Primary Key	Area ID
AreaName	Varchar(50)	-	Area Name
CityId	Int	Foreign Key	City ID

2. CartDetails

Field Name	Data Type	Constraints	Description
CartId	BigInt	Primary Key	Cart ID
CartDate	Date	-	Cart Inserted Date
ProductId	BigInt	Foreign Key	Product ID
RId	BigInt	Foreign Key	Registered UserID
Quantity	BigInt	Foreign Key	Product Quantity

3. CategoryMaster

Field Name	Data Type	Constraints	Description
CatId	Big Int	Primary Key	Category ID
CatName	Varchar(50)	-	Category Name

4. CityMaster

Field Name	Data Type	Constraints	Description
CityId	Int	Primary Key	City ID
CityName	Varchar(50)	-	City Name
StateId	Int	Foreign Key	State ID

5. ContactUsDetails

Field Name	Data Type	Constraints	Description
ContactUsId	BigInt	Primary Key	Contact Us ID
PersonName	Varchar(50)	-	Person Name
EmailId	Varchar(50)	-	Email ID
MobileNo	Varchar(20)	-	Mobile No.
Message	Varchar(500)	-	Contact Us Message

6. FlavourMaster

Field Name	Data Type	Constraints	Description
FId	Int	Primary Key	Flavour ID
FName	Varchar(50)	-	Flavour Name

7. HomePageSlider

Field Name	Data Type	Constraints	Description
HomeId	Int	Primary Key	Home Page Slider ID
ImagePath	Varchar(400)	-	Home Page Slider Image Path

8. OfferDetail

Field Name	Data Type	Constraints	Description
OffId	BigInt	Primary Key	Offer ID
OffName	Varchar(50)	-	Offer Name
OffCode	Varchar(50)	-	Offer Code
ValidDate	Date	-	Offer Valid Date
ImagePath	Varhcar(500)	-	Offer Image Path

9. OrderDetailMaster

Field Name	Data Type	Constraints	Description
OrderDetailId	BigInt	Primary Key	Order Detail ID
OrderId	BigInt	Foreign Key	Order ID
ProductId	BigInt	Foreign Key	Product ID
TotalAmount	Decimal(18,2)	-	Total Amount
IsCancel	Bit	-	Is Cancel
Quantity	Int	-	Item Quantity

10. OrderMaster

Field Name	Data Type	Constraints	Description
OrderId	BigInt	Primary Key	Order ID
OrderDate	Date	-	Order Date
RId	BigInt	Foreign Key	Registration ID
BillNo	Varchar(50)	-	Bill Number
BillAmount	Decimal (18,2)	-	Bill Amount
NetAmount	Decimal (18,2)	-	Net Amount
TotalQty	Int	-	Total Quantity
ShipId	Int	Foreign Key	Shipping ID
PaymentMode	Varchar(50)	-	Payment Mode
IsCancel	Bit	-	Is Cancel
IsFinish	Bit	-	Is Finish

11.ProductImageGallery

Field Name	Data Type	Constraints	Description
ProductImageId	BigInt	Primary Key	Product Image ID
ProductId	BigInt	Foreign Key	Product ID
ImagePath	Varchar(400)	-	Product Image Path

12. ProductMaster

Field Name	Data Type	Constraints	Description
ProductId	BigInt	Primary Key	Product ID
ProductName	Varchar(100)	-	Item Name
Fid	Int	Foreign Key	Flavour ID
CatId	Int	Foreign Key	Category ID
ShortDescription	Varchar(300)	-	Item Short Description
MRP	Decimal(18,2)	-	Item Price
DiscountAmt	Decimal(18,2)	-	Item Discount Rate
SalesRate	Decimal(18,2)	-	Sales Rate
ImagePath	Varchar(400)	-	Item Image Path
Volume	Varchar(100)	-	Item Volume

13. Registration Details

Field Name	Data Type	Constraints	Description
R_Id	BigInt	Primary Key	Registration ID
FullName	Varchar(500)	-	Full Name
Address	Varchar(2000)	-	Address
Email	Varchar(250)	-	Email
MobileNo	Varchar(20)	-	Mobile No
Username	Varchar(200)	-	Username
Password	Varchar(200)	-	Password

14.ShippingDetails

Field Name	Data Type	Constraints	Description
ShipId	Int	Primary Key	Shipping ID
Rid	Int	Foreign Key	Registration ID
FirstName	Varchar(50)	-	First Name
LastName	Varchar(50)	-	Last Name
AreaId	Int	-	Area ID
Address	Varchar(50)	-	Address
Pincode	Varchar(10)	-	Pincode
PhoneNo	Varchar(20)	-	Phone Number

15. ReviewMaster

Field Name	Data Type	Constraints	Description
ReviewId	Int	Primary Key	Review ID
ReviewDesc	Varchar(500)	-	Review Description
ProductId	Int	Foreign Key	Product ID
Rid	Bigint	Foreign Key	Registration ID

16. StateMaster

Field Name	Data Type	Constraints	Description
StateId	Int	Primary Key	State ID
StateName	Varchar(50)	-	State Name

17. UserDetail

Field Name	Data Type	Constraints	Description
UserId	Int	Primary Key	User ID
UserName	Varchar(50)	-	User Name
Password	Varchar(50)	-	Password

3.5 User Interface

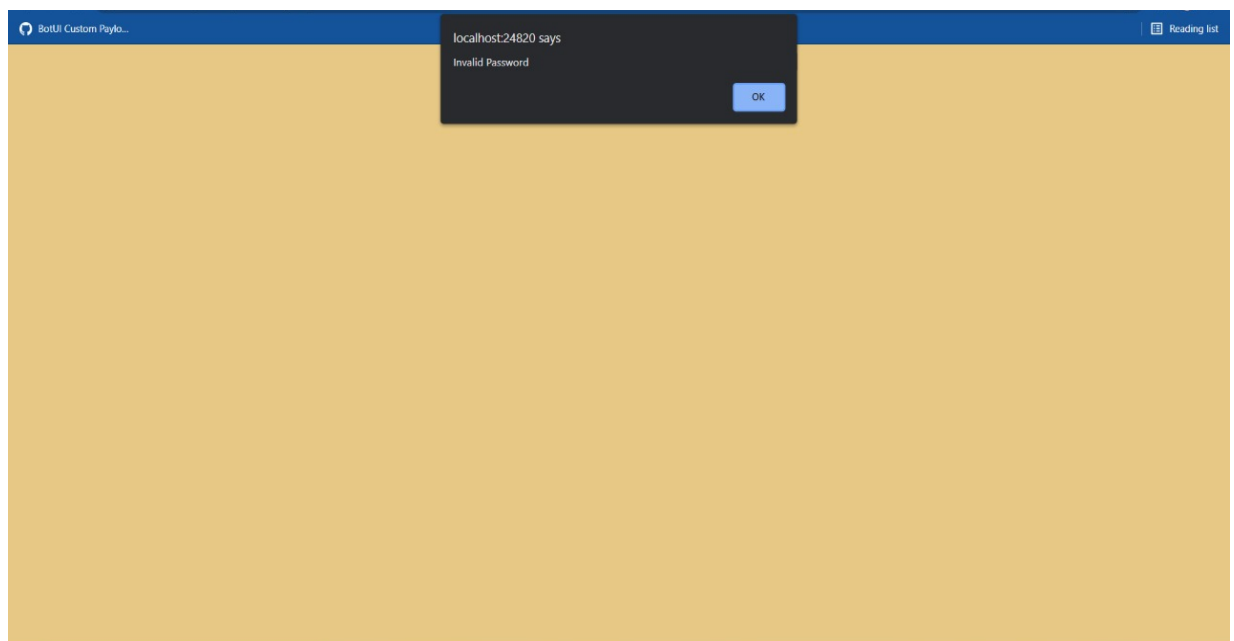


Admin Side

Admin Login Page

A screenshot of the Admin Login page. The page has a solid orange background. In the center, there is a white rectangular box. Inside this box, the text "Admin Login" is at the top. Below it is the logo for "THE TAJMAHAL" with the tagline "A SYMBOL OF HIGH QUALITY". Under the logo, there are two input fields: "Username" and "Password". The "Password" field has a small eye icon to its right. At the bottom of the white box is an orange rounded button with the text "LOGIN" in white.

Validation on Wrong Username or Password



Admin Dashboard



CONCEPT

MENU

Dashboard

Masters

E-commerce Dashboard Template

Dashboard

Sales

₹12099

↑ 5.86%

Total Inquiries

1245

↑ 10%

Visitor

13000

↑ 5%

Total Orders

1340

↓ 4%

Recent Orders

#	Image	Product Name	Product Id	Quantity	Price	Order Time	Customer	Status
1		Product #1	id000001	20	\$80.00	27-08-2018 01:22:12	Patricia J. King	In Transit
2		Product #2	id000002	12	\$180.00	25-08-2018 21:12:56	Rachel J. Wicker	Delivered
3		Product #3	id000003	23	\$820.00	24-08-2018 14:12:77	Michael K. Ledford	Delivered
4		Product #4	id000004	34	\$340.00	23-08-2018 09:12:35	Michael K. Ledford	Delivered

View Details

State Master Page

Tajmahal

MENU

Dashboard

Masters

State Master

Dashboard > State Master

State Name:

StateId	StateName	Edit	Delete
1	Gujarat		
3	Maharashtra		

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Check for Empty Field (Validation)

The screenshot shows a web application interface for 'The Tajmahal Beverages'. On the left is a yellow sidebar menu with 'MENU', 'Dashboard', and 'Masters'. The main content area is titled 'State Master' and shows a validation error message: 'Oops! State Name is missing.' Below the message is a form with a 'State Name' input field, 'Insert' and 'Reset' buttons, and a table of existing states.

StateId	StateName	Edit	Delete
1	Gujarat		
3	Maharashtra		

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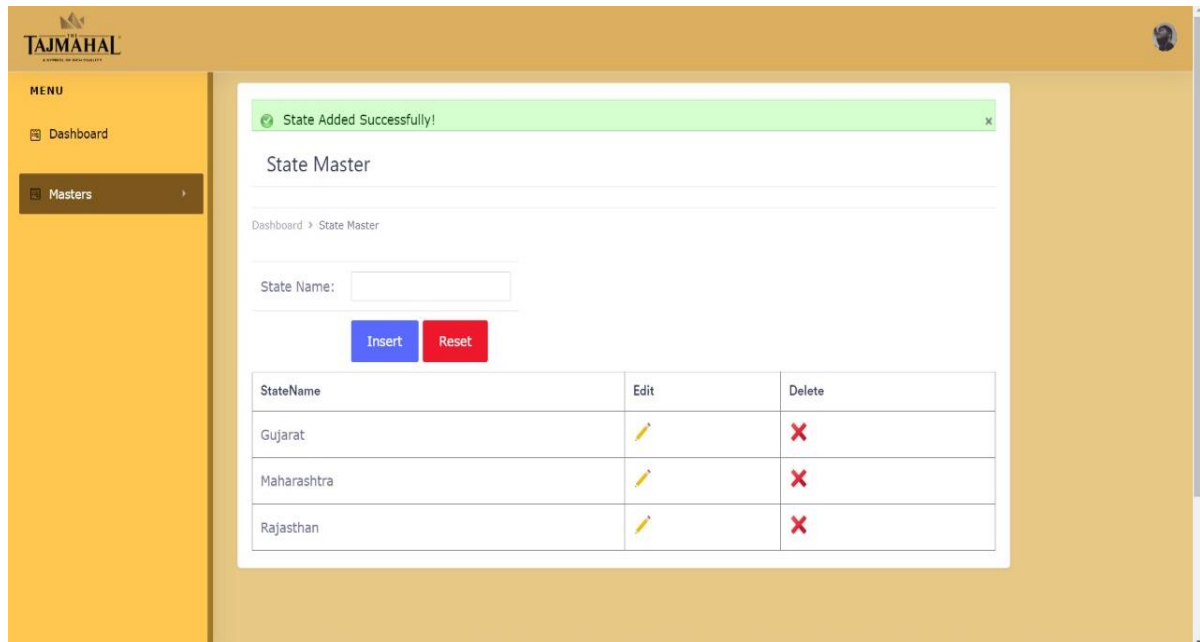
Check for Existing Record (Validation)

The screenshot shows the same web application interface as above, but with a different validation error message: 'State already exists!'. The form and table are identical to the previous screenshot.

StateId	StateName	Edit	Delete
1	Gujarat		
3	Maharashtra		

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Message after Data Inserted



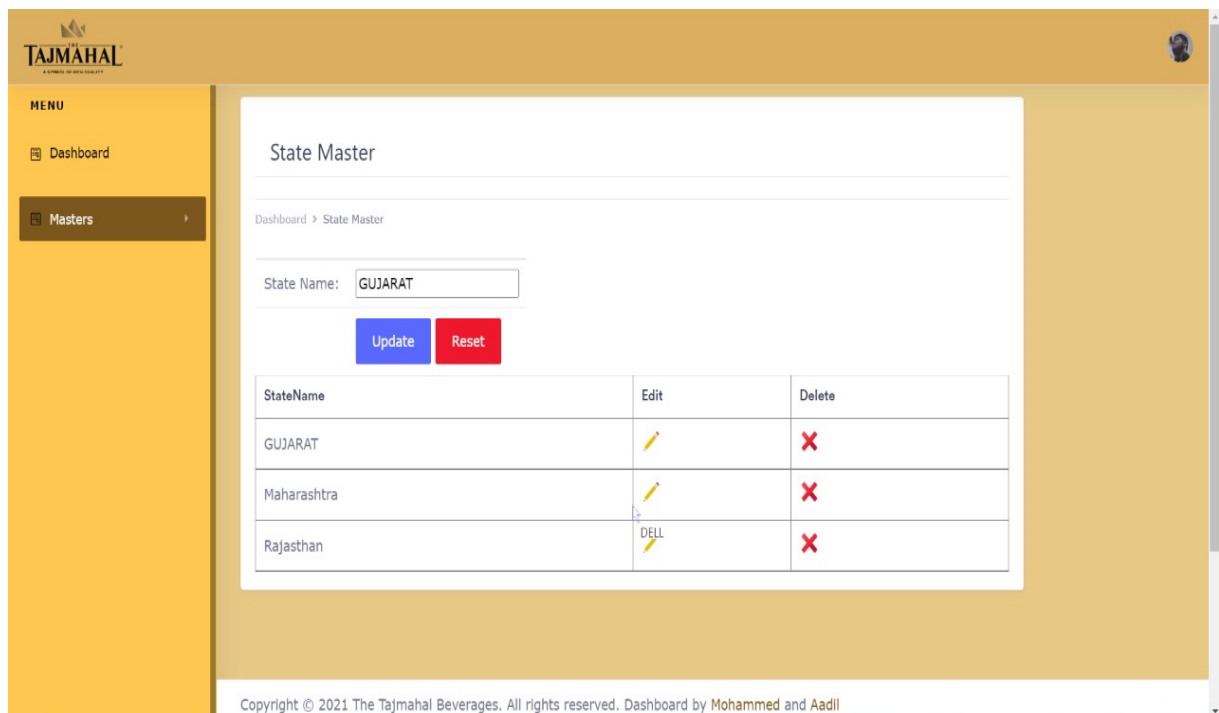
State Master

Dashboard > State Master

State Name:

StateName	Edit	Delete
Gujarat		
Maharashtra		
Rajasthan		

Edit State Master



State Master

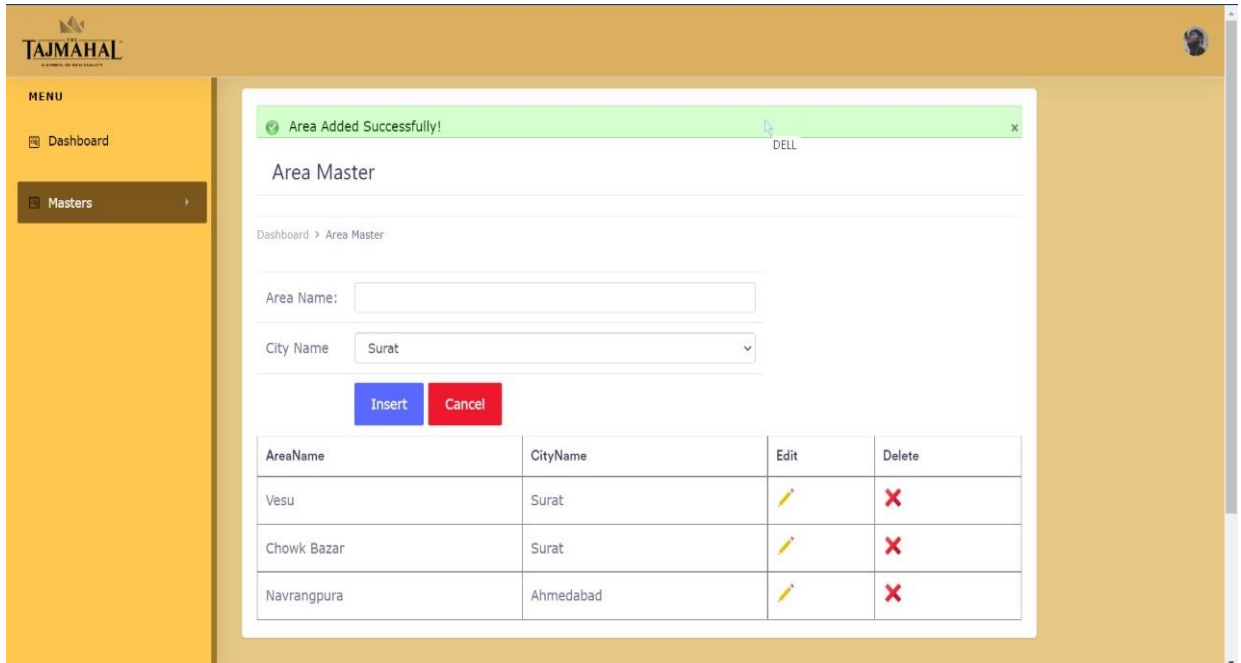
Dashboard > State Master

State Name:

StateName	Edit	Delete
GUJARAT		
Maharashtra		
Rajasthan	DELL	

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City Master Page (Add/Edit/Delete with Validation)



Area Master

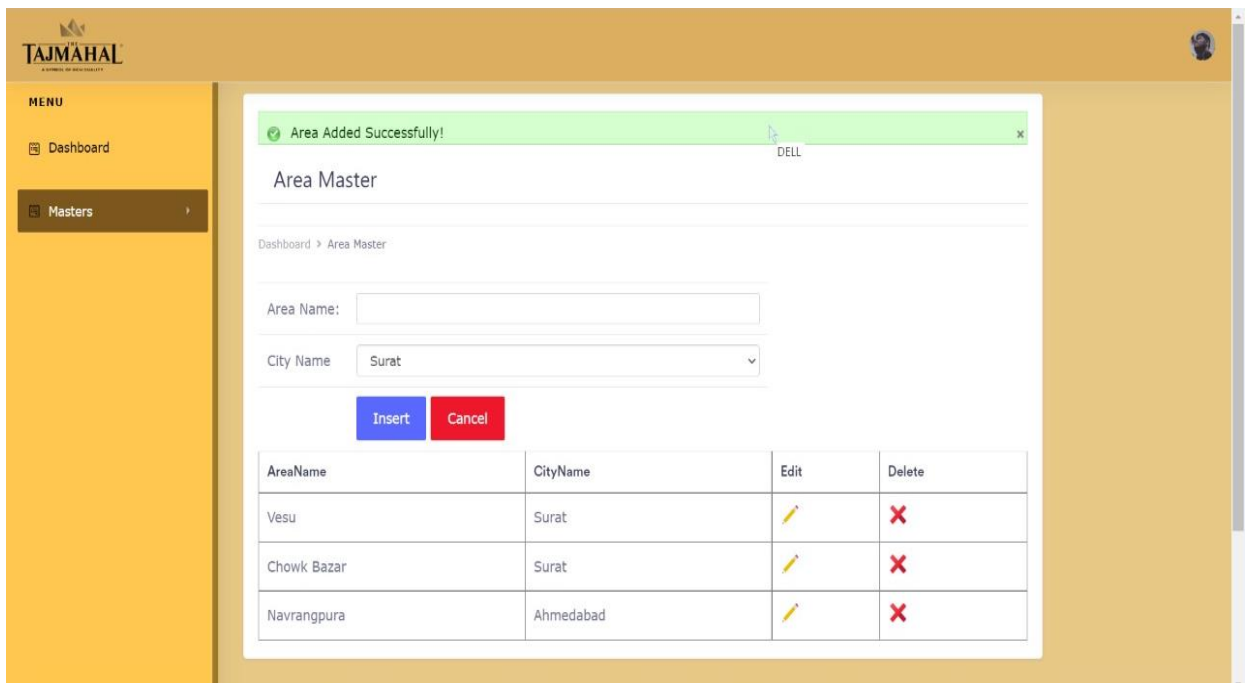
Dashboard > Area Master

Area Name:

City Name:

AreaName	CityName	Edit	Delete
Vesu	Surat		
Chowk Bazar	Surat		
Navrangpura	Ahmedabad		

Area Master Page (Add/Edit/Delete with Validation)



Area Master

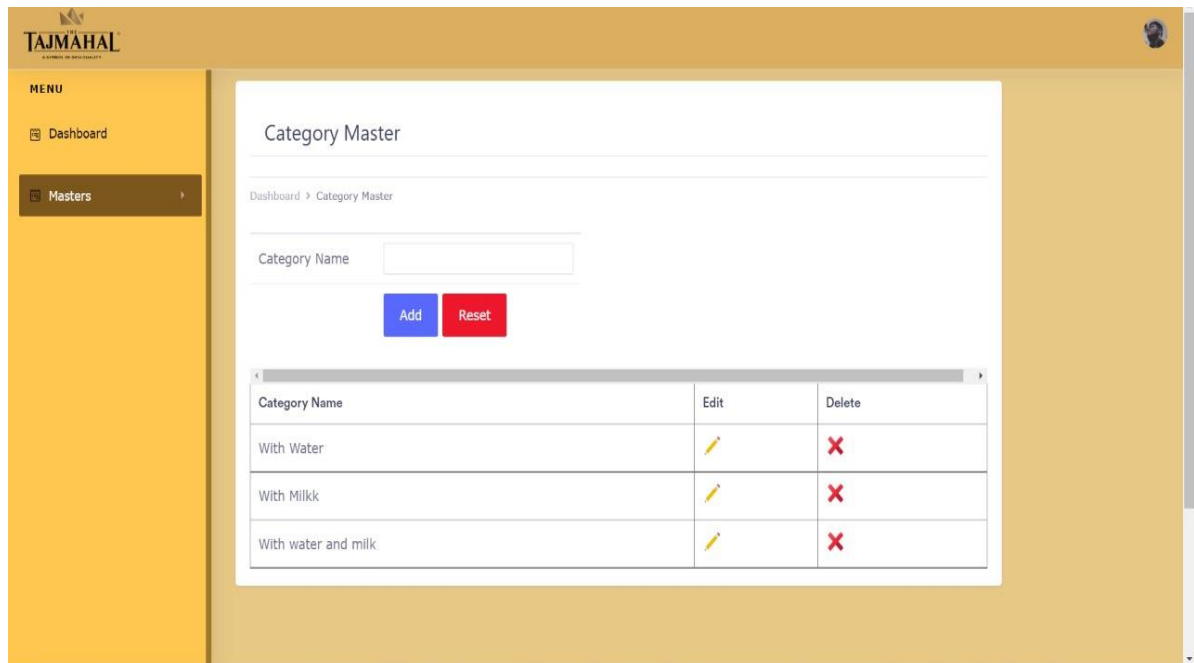
Dashboard > Area Master

Area Name:

City Name:

AreaName	CityName	Edit	Delete
Vesu	Surat		
Chowk Bazar	Surat		
Navrangpura	Ahmedabad		

Category Master Page (Add/Edit/Delete with Validation)









Category Master

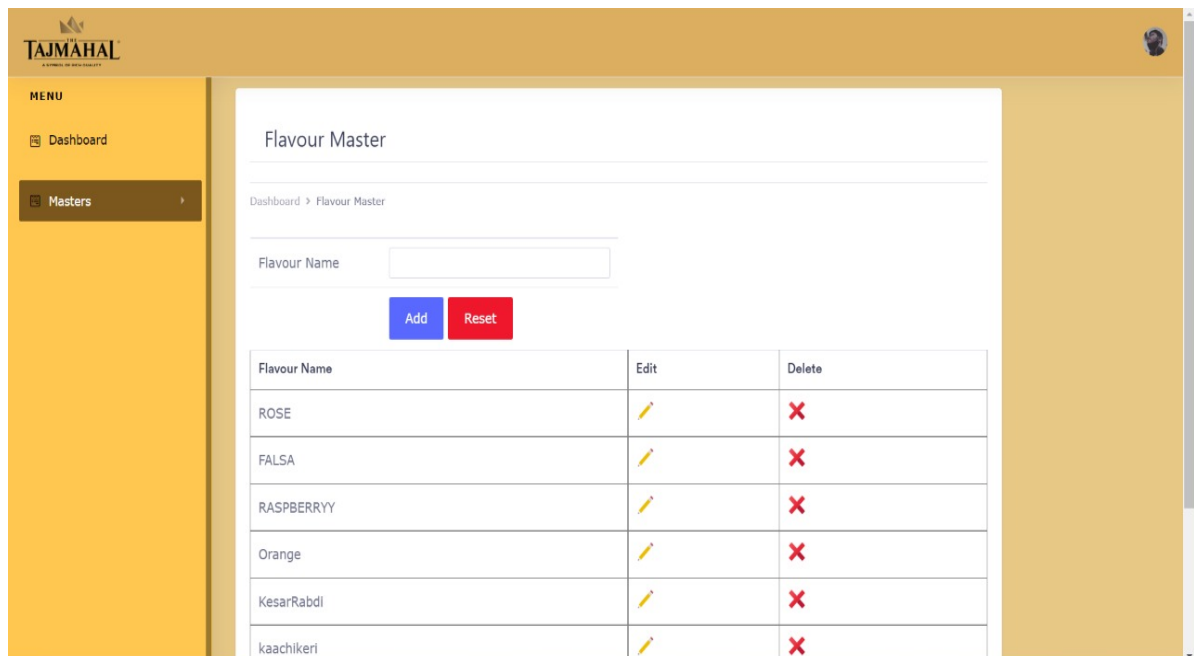
Dashboard > Category Master

Category Name

Add Reset

Category Name	Edit	Delete
With Water		
With Milkk		
With water and milk		

Flavour Master Page (Add/Edit/Delete with Validation)















Flavour Master


Dashboard > Flavour Master

Flavour Name

Add Reset


Flavour Name	Edit	Delete
ROSE		
FALSA		
RASPBERRY		
Orange		
KesarRabdi		
kaachikeri		

Offer Detail Page



TAJMAHAL

A COMMITMENT TO EXCELLENCE



MENU

- Dashboard
- Masters**

Offer Master


Name:
Code:
Valid Date: dd-mm-yyyy --:--

Add Reset

OffId	OffName	OffCode	ValidDate
1	disc	hgv78jmv8	30-06-2000 12:00:00 AM
3	SDJ	PROFNAINESH	19-06-2021 12:00:00 AM
4	50%	ADNANLODO	03-01-2022 12:00:00 AM


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Contact Us Detail Page



TAJMAHAL

A COMMITMENT TO EXCELLENCE



MENU

- Dashboard
- Masters**

Inquiry Entries

Dashboard > Inquiry Master

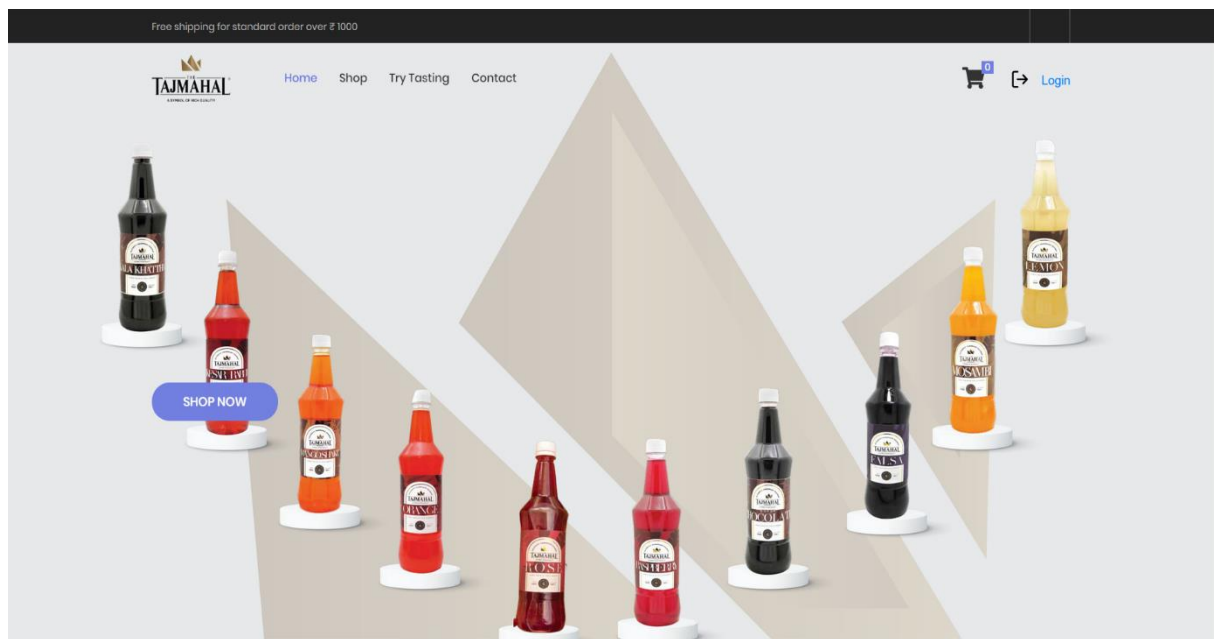
ContactId	PersonName	Email	Mobile	Message	
9	dsa	qwed@gmail.com	1234567890	aefaeef	✗
11	m	m@gmail.com	9913555251	dsv	✗
12	Mohammed Patrawala	m@gmail.com	09913555251	xdx	✗

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Client Side



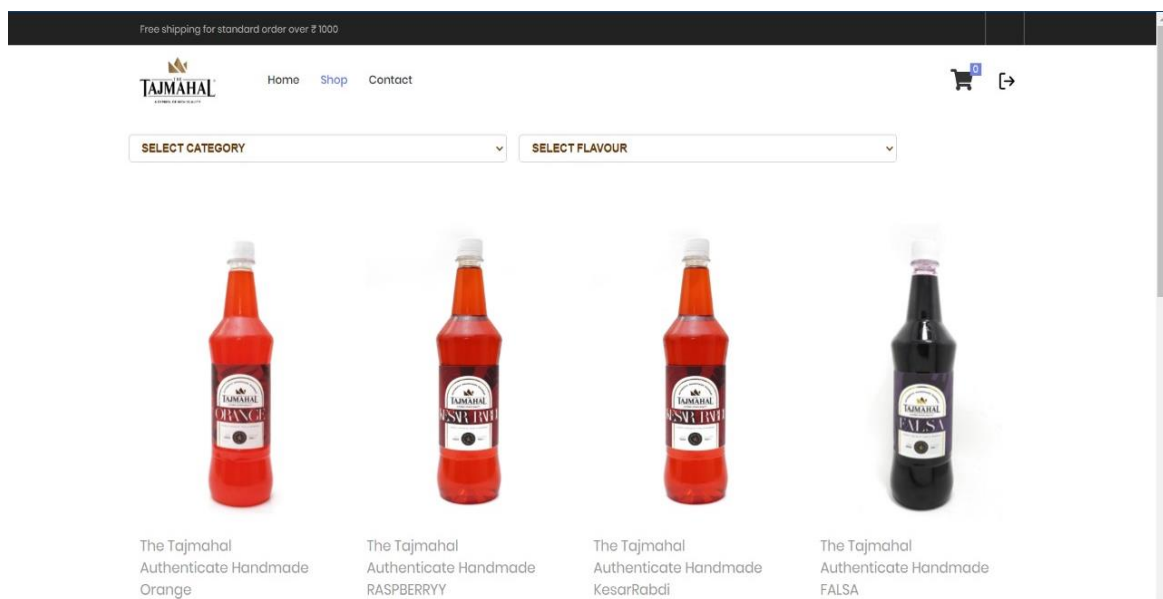
Home Page



Shop Page

- By default It shows all the products.
- User can shop item by different categories & Flavours.

Grid View of Shop Page






Shop by Categories



1. With Water Category




Free shipping for standard order over ₹ 1000

[Home](#) [Shop](#) [Contact](#)

With Water

SELECT FLAVOUR




The Tajmahal
Authenticate Handmade
Orange

The Tajmahal
Authenticate Handmade
KesarRabdi


The Tajmahal
Authenticate Handmade
FALSA

2. With Milk Category

Free shipping for standard order over ₹ 1000


[Home](#) [Shop](#) [Try Tasting](#) [Contact](#)

Mohammed



WITH MILK

SELECT FLAVOUR



TAJMAHAL ROSE SHARBAT
120.00

ADD TO CART

3. With Water & Milk Category



Free shipping for standard order over £1000



[Home](#) [Shop](#) [Contact](#)




With water and milk

SELECT FLAVOUR



The Tajmahal
Authentic Handmade
RASPBERRY



MENU

Dashboard

Masters

shboard > Product Master

Product Name

Flavour

SELECT FLAVOUR

Category

SELECT CATEGORY

Short Description

MRP

Discount

Sales Rate

Net Content


Image

Choose File

No file chosen

Add

Reset


Product Name	Flavour	Category	Short Description	MRP	Discount Amount	Sales Rate	Volume	Image
FALSAA	FALSA	WITH WATER	awd	120.00	0.00	120.00	750	

1 2 3

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Validations:

1. All fields are required.
2. Product Name only alphabetic allowed.
3. Rate only numbers allowed.
4. Image should be in .jpg, .jpeg, .png, .gif format only.



MENU

Dashboard


Masters

Product Master

Dashboard > Product Master

Product Name	ROSE
Flavour	ROSE
Category	WITH MILK
Short Description	AWD
MRP	120
Discount	0
Sales Rate	120
Net Content	750
Image	Choose File Image 2.jpg

Add
Reset


Product Name	Flavour	Category	Short Description	MRP	Discount Amount	Sales Rate	Volume	Image
FALSAA	FALSA	WITH WATER	awd	120.00	0.00	120.00	750	

1 2 3

<https://tbs.azurewebsites.net/index.html>

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Message after New Item Inserted



MENU

- Dashboard
- Masters**

Product Master

Product Added Successfully!

Dashboard > Product Master

Product Name

Flavour

SELECT FLAVOUR

Category

SELECT CATEGORY

Short Description

MRP

Discount

Sales Rate


Net Content

Image

Choose File No file chosen

Add

Reset

Product Name	Flavour	Category	Short Description	MRP	Discount Amount	Sales Rate	Volume	Image
FALSAA	FALSA	WITH WATER	awd	120.00	0.00	120.00	750	

1 2 3 4

<https://tbs.azurewebsites.net/index.html>

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Contact Us Page



Free shipping for standard order over ₹7000

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[My Account](#)



[Shop](#) [About](#) [Contact](#)

Contact

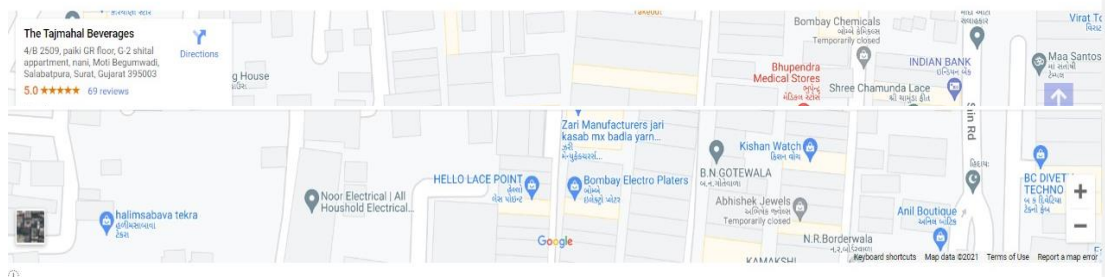
Send Us A Message

LET US KNOW

4/B 2509, paiki GR floor, G-2 shital
appartment, nani, Moti
Gujarat 395003

+91 9978143652

mxmohammed010@gmail.com



GET IN TOUCH

Any questions? Let us know in store at 4/B
2509, paiki GR floor, G-2 shital
appartment, nani, Moti Begumwadi,
Salabatpura, Surat, Gujarat 395003 or call
us on (+91) 9624778652

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Required Field Validation on Contact Us Page



NEW

[Shop](#)[About](#)[Contact](#)

Oops! Your name is missing.

Send Us A Message

Your Name

Your Email

Your Mobile

Message

LET US KNOW

Address

4/B 2509, paiki GR floor, G-2 shital
apartment, nani, Moti
Begumwadi, Salabatpura, Surat,
Gujarat 395003

Lets Talk

+91 9978143652

Sale Support

mrxmohammed010@gmail.com



Client Registration Page

Tajmahal
A SYMBOL OF RICH QUALITY

Register yourself

Enter your name

Enter your Email

Enter mobile number

Enter password

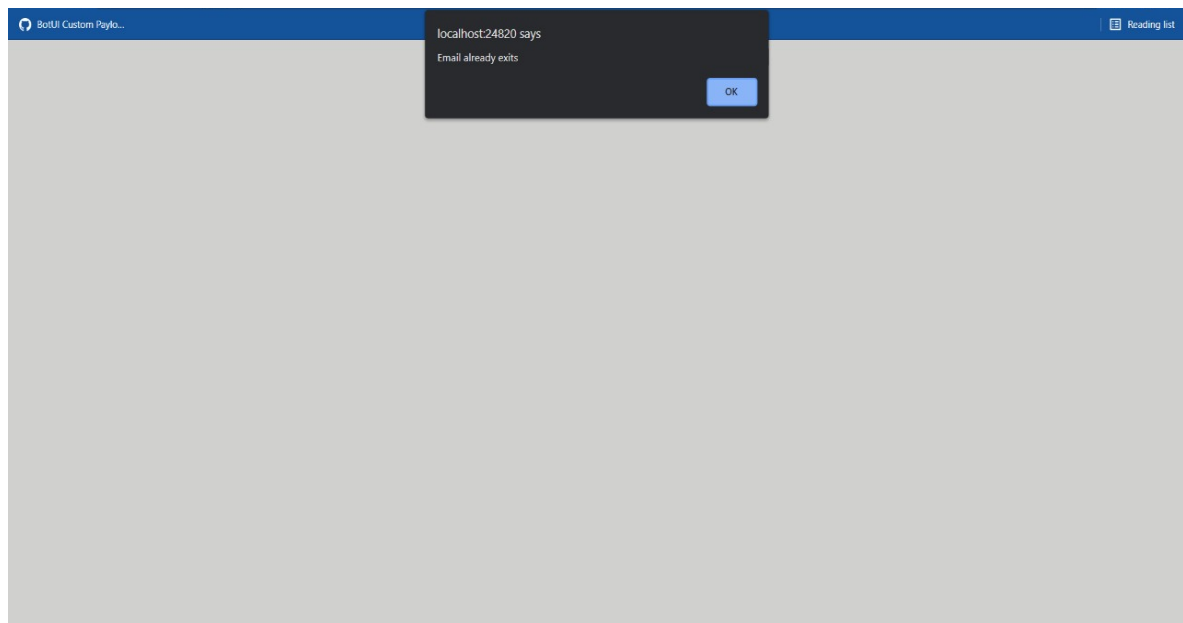
Enter confirm password

Sign Up

[Forgot password?](#)
[Already have an account? Login here](#)

Validations on Client Registration:

- All the * fields are required.
- Name only alphabetic allowed.
- Email address should be in proper format.
- Mobile number only 10 digits number allowed.
- Password & Confirm Password should be same.
- It checks email address & mobile number into database if it is registered than it will not allow for new registration.



Client Login Page

Validations on Client Login:

- Username & Password are required.
- Invalid Username & Password.



Log in

Email or Mobile Number

Password

Login

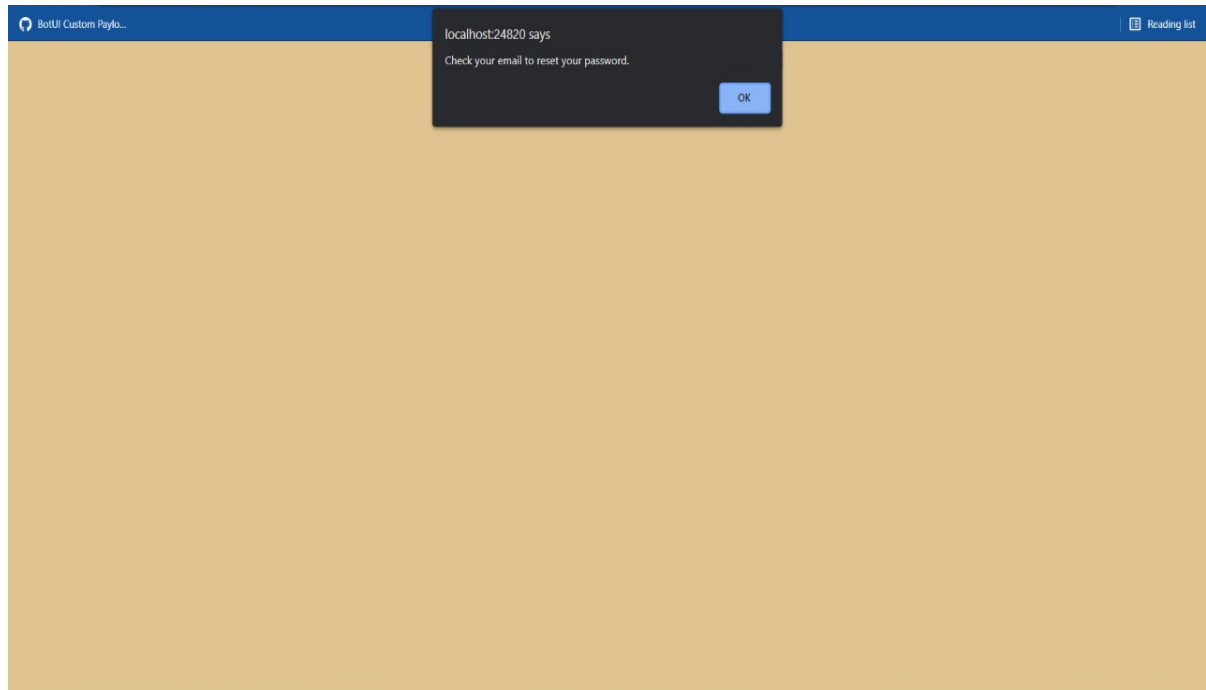
[Forgot password?](#)

Don't have an account? [Register here](#)

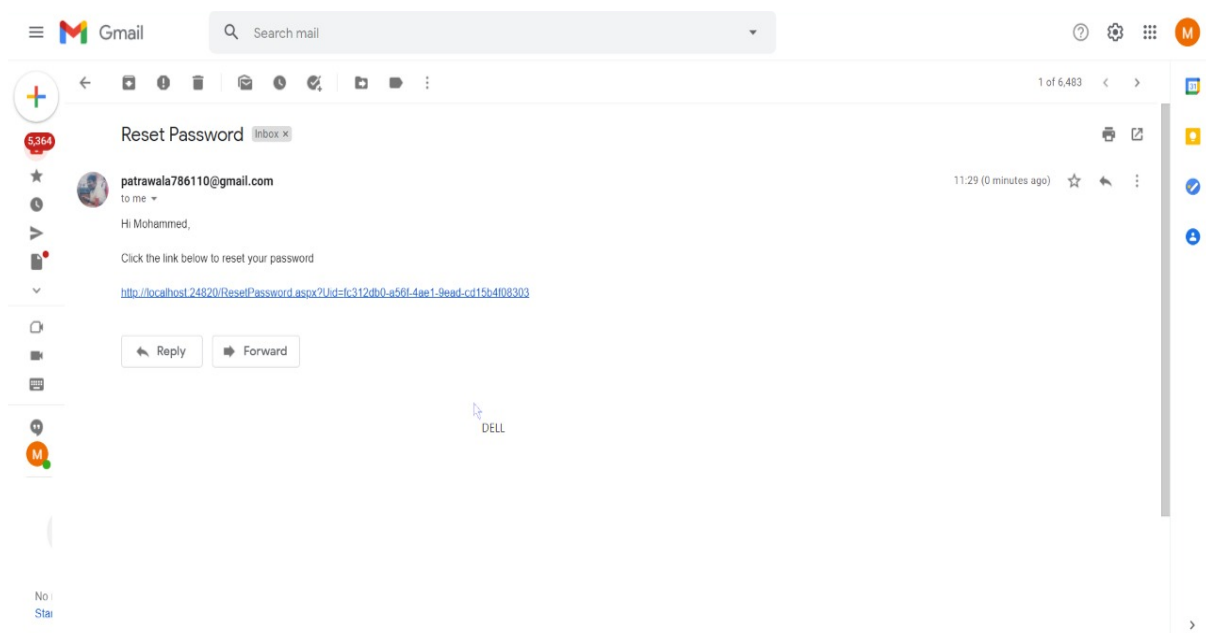


Client Forget Password Page

1. Insert Registered Email Address else it will give error.
2. You will receive a link on your entered email.
3. You need to click on the link, and after you need to insert New Password & Confirm Password else the process will be failed.



OTP Received on Email



Cart Detail Page

- You can Add or Remove Quantity of Product or also any Product easily from the Cart Detail Page.


Free shipping for standard order over ₹ 1000

aadil



[Home](#) [Shop](#) [Try Tasting](#) [Contact](#)

[Cart](#) > [Address](#)

Product	Name	Volume	Price	Quantity	Total
	FALSAA	750	120.00	— 1 +	120.00

CART TOTALS

Subtotal: 120.00

Shipping:

Surat

CALCULATE SHIPPING

Total: 170.00

PROCEED TO CHECKOUT

GET IN TOUCH

Any questions? Let us know in store at 4/B
2509, paiki GR floor, G-2 shital
apartment, nani, Moti Begumwadi,
Salabatpura, Surat, Gujarat 395003 or call
us on (+91) 96247786552



NEWSLETTER

email@example.com

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Shipping Details Page



[Shop](#) [Try Tasting](#) [About](#) [Contact](#)

Apply

VNSGU50

Billing Details

First Name*

Aadil

Last Name*

Shaikh

Address*

10/2057, Bhagatalav, Sindhiwad

Nr. Memon Plaza 2

Pincode*

395003

Country*

India

State*

Gujarat

Town / City*

Surat

Area*

Vesu

Phone(+91)*

7990512804

Your Order

PARTICULARS	AMOUNT
Sub Total	120.00
Shipping	50
GST (18%)	21.60
Discount Applied	-50%
TOTAL	131.60

PLACE ORDER

GET IN TOUCH

Any questions? Let us know in store at
4/B 2509, paiki GR floor, G-2 shital
apartment, nani, Moti Begumwadi,
Salabatpura, Surat, Gujarat 395003 or
call us on (+91) 9824778852



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email@example.com

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- All the * fields are required.
- Phone number only 10 digits number allowed.


[Shop](#)
[Try Tasting](#)
[About](#)
[Contact](#)

Billing Details

First Name*

Last Name*

Address*

Pincode*

Country*

State*

Town / City*


Your Order

PARTICULARS	AMOUNT
	120.00
	50
	21.60
	-50%
	131.60

PLACE ORDER

Empty Field!
First Name Cannot Be Empty

OK


[Shop](#)
[Try Tasting](#)
[About](#)
[Contact](#)

Billing Details

First Name*

Last Name*

Address*

Pincode*

Country*

State*

Town / City*

Your Order

PARTICULARS	AMOUNT
	120.00
	50
	21.60
	-50%
	131.60

PLACE ORDER

Empty Field!
Last Name Cannot Be Empty

OK

Payment Details Page



Free shipping for standard order over ₹ 1000

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[USD](#)




[Home](#)

[Shop](#)

[Try Tasting](#)

[Contact](#)

Product	Name	Volume	Price	Quantity	Total
	MOSAMBI	750	120.00	1	120.00

Total 131.60

Choose your Payment Method

- ☒ Online Payment
☐ Cash on Delivery

PLACE ORDER

GET IN TOUCH

Any questions? Let us know in store at
4/B 2509, paikil GR floor, G-2 shital
apartment, nani, Mati Begumwadi,
Salabatpura, Surat, Gujarat 395003 or
call us on (+91) 9824778852



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[About](#)

[Contact](#)



[CONTINUE SHOPPING](#)

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Any questions? Let us know in store at 4/B 2509, paki GR floor, G-2 shital apartment, nani, Moti Begumwadi, Salabatpura, Surat, Gujarat 395003 or call us on (+91) 9624778652



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4. Testing

4.1 Unit Testing

➤ Test Case for Admin Login

Test Id	Test Field	Stop Execute	Executed Result	Actual Result
1	Username	Empty, Wrong	Invalid Username	As Expected
2	Password	Empty, Wrong	Invalid Password	As Expected

➤ Test Case for AreaMaster

Test Id	Test Field	Stop Execute	Executed Result	Actual Result
1	AreaName	Empty, IsExisting, Only Character	Area Name is missing.	As Expected
2	CityId	Empty	City Name is missing.	As Expected

➤ Test Case for ProductMaster

Test Id	Test Field	Stop Execute	Executed Result	Actual Result
1	ProductName	Empty, IsExisting	Product name is missing.	As Expected
2	FId	Empty	Please select flavour.	As Expected
3	CatId	Empty	Please select Category.	As Expected
4	ShortDescription	Empty	Short Description is missing.	As Expected
5	MRP	Empty, Only Digit	Insert MRP.	As Expected
6	ImagePath	Empty	Please select Image.	As Expected
7	Volume	Empty	Insert Volume.	As Expected

➤ Test Case for ShippingDetail



Test Id	Test Field	Stop Execute	Executed Result	Actual Result
1	FirstName	Empty, Only Character	First Name cannot be empty.	As Expected
2	LastName	Empty, Only Character	Last Name cannot be empty.	As Expected
3	Areald	Empty	Area Name cannot be empty.	As Expected
4	Address	Empty	Address cannot be empty.	As Expected
5	Pincode	Empty, Only Digit	Pincode cannot be empty	As Expected
6	PhoneNo	Empty, Only Digit	Mobile No. cannot be empty.	As Expected

4.2 Navigational Testing

➤ **Admin**

Link	Expected Page	Result Page
Default	Admin Login Page	Admin Login Page
Dashboard	Admin Dashboard Page	Admin Dashboard Page
State Master	State Master Page	State Master Page
City Master	City Master Page	City Master Page
Area Master	Area Master Page	Area Master Page
Category Master	Category Master Page	Category Master Page
Flavour Master	Flavour Master Page	Flavour Master Page
View Inquiry	View Inquiry Page	View Inquiry Page
Registration Master	Registration Master Page	Registration Master Page

➤ **Client & Visitor**

Link	Expected Page	Result Page
Login	Client Login Page	Client Login Page
Home	Home Page	Home Page
Forgot Password	Forgot Password Page	Forgot Password Page
Sign Up	Sign Up Page	Sign Up Page
Shop	Shop Page	Shop Page
Product Detail	Product Detail Page	Product Detail Page
View Cart Detail	View Cart Page	View Cart Page
Wishlist	Wishlist Page	Wishlist Page
Shipping Detail	Shipping Detail Page	Shipping Detail Page
Invoice	Invoice Page	Invoice Page
Payment Detail	Payment Detail Page	Payment Detail Page
Contact Us	Contact Us Page	Contact Us Page

4.3 Functional Testing

- Functional Testing is a type of software testing where, the system is tested against the functional requirements/specifications.
- Functions are tested by feeding them input & examining the output. Functional testing ensures that the requirements are properly satisfied by the application. This type of testing is not concerned with how processing occurs, but rather, with the results of processing.
- During functional testing, Black Box Testing technique is used in which the internal logic of the system being tested is not known to the tester.
- User Registration: Process has been properly working and all fields are validated through various validation checks.
- Login & password validation process has been co-operated properly.
- Cart and Wishlist managed perfectly.
- Order is being booked safely.
- Admin side handling & dynamic & real-time data integration module is implemented successfully.
- Sending Forgot Password or Confirm Registration through mails is working properly.

4.4 Environment Testing:

- System Testing is a level of software testing where complete & integrated software is tested.
- The purpose of this test is to evaluate the systems compliance with the specified requirements.
- The process of testing an integrated system to verify that it meets specified requirements.
- System Testing performed after Integration Testing & Before Acceptance Testing.
- Normally, independent testers perform System Testing.
- Firefox browser, internet explorer & chrome consider testing for environment operability of software.
 - a. Web Server : IIS/Apache
 - b. Database : SQL Server Management Studio
 - c. OS : Windows 10
 - d. Browser : Chrome / Internet Explorer / Firefox

5. Conclusion

- Purpose of this website is to make the work easier for customers.
- With the help of our website, customers can find variety of Beverages and get the details of our services.
- Automation of this website improves the efficiency level.
- It is friendly graphical user interface when compared to the system that already exists.
- It gives authentic access to the authorized users depending upon their user type.
- It effectively overcomes the delay in communication.

6. Bibliography

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- <http://www.Wikipedia.com/Asp.net>
- <https://www.rawpressery.com/>
- <http://www.tutorialpoint.com/Asp.net>
- <https://www.tutorialspoint.com/asp.net/>
- ASP.NET Book
- Software Engineering – A Practitioner Approach