Bachelor of Computer Applications (BCA) Programme

Project Report

BCA Sem VI
AY 2020-21

The TajMahal Beverages (E-Commerce Website)
by

Exam No.	Name of Student
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Project Guide by :
Prof. Nainesh Gathiyawala

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.

Shaikh Aadil Javed
3280

Patrawala Mohammed Abbasbhai
3253

I N D E X

1. INTRODUCTION

1.1 <u>Project Summary</u>

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 <u>System Requirements</u>

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

❖ <u>Hardware Requirements:</u>

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

❖ <u>Software Requirements:</u>

- ➢ 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 <u>Requirement Analysis</u>

❖ <u>Requirement Analysis :-</u>

- 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.

❖ <u>Requirement Anticipation :-</u>

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.

❖ <u>Requirement Investigation :-</u>

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.

❖ <u>Requirement Specification :-</u>

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 <u>Time Line Chart</u>

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
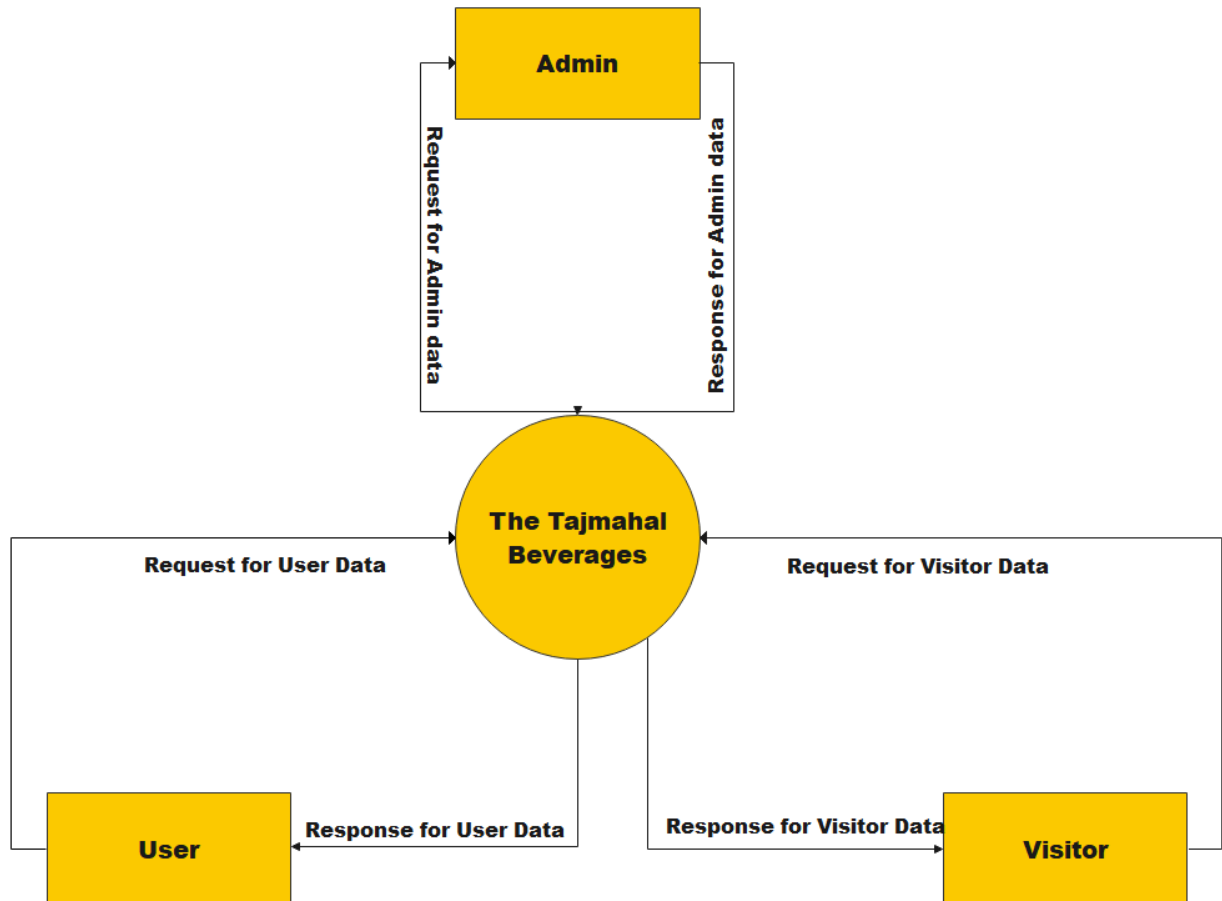
1st Level Data Flow Diagram
1st Level Admin
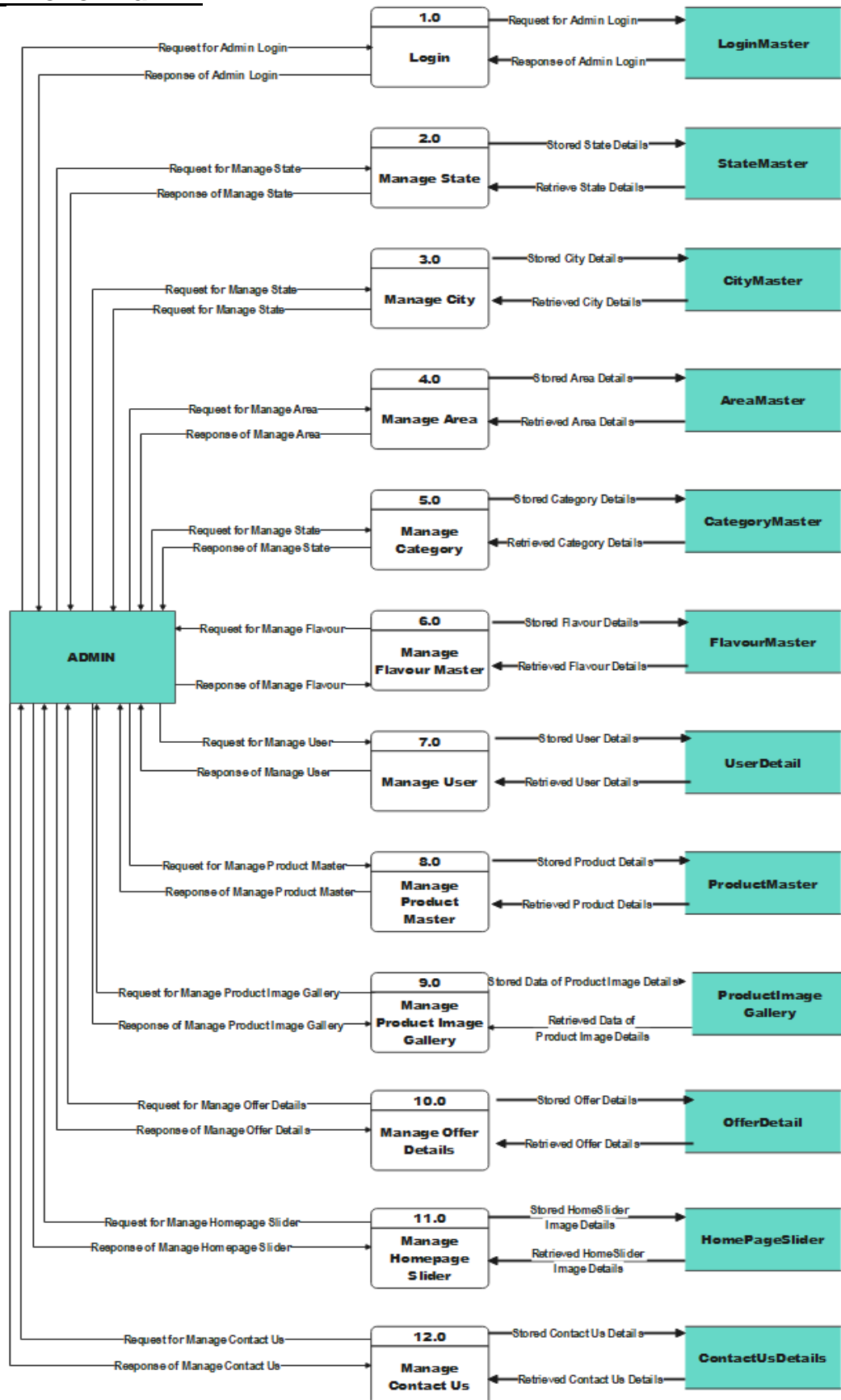
1st Level Client
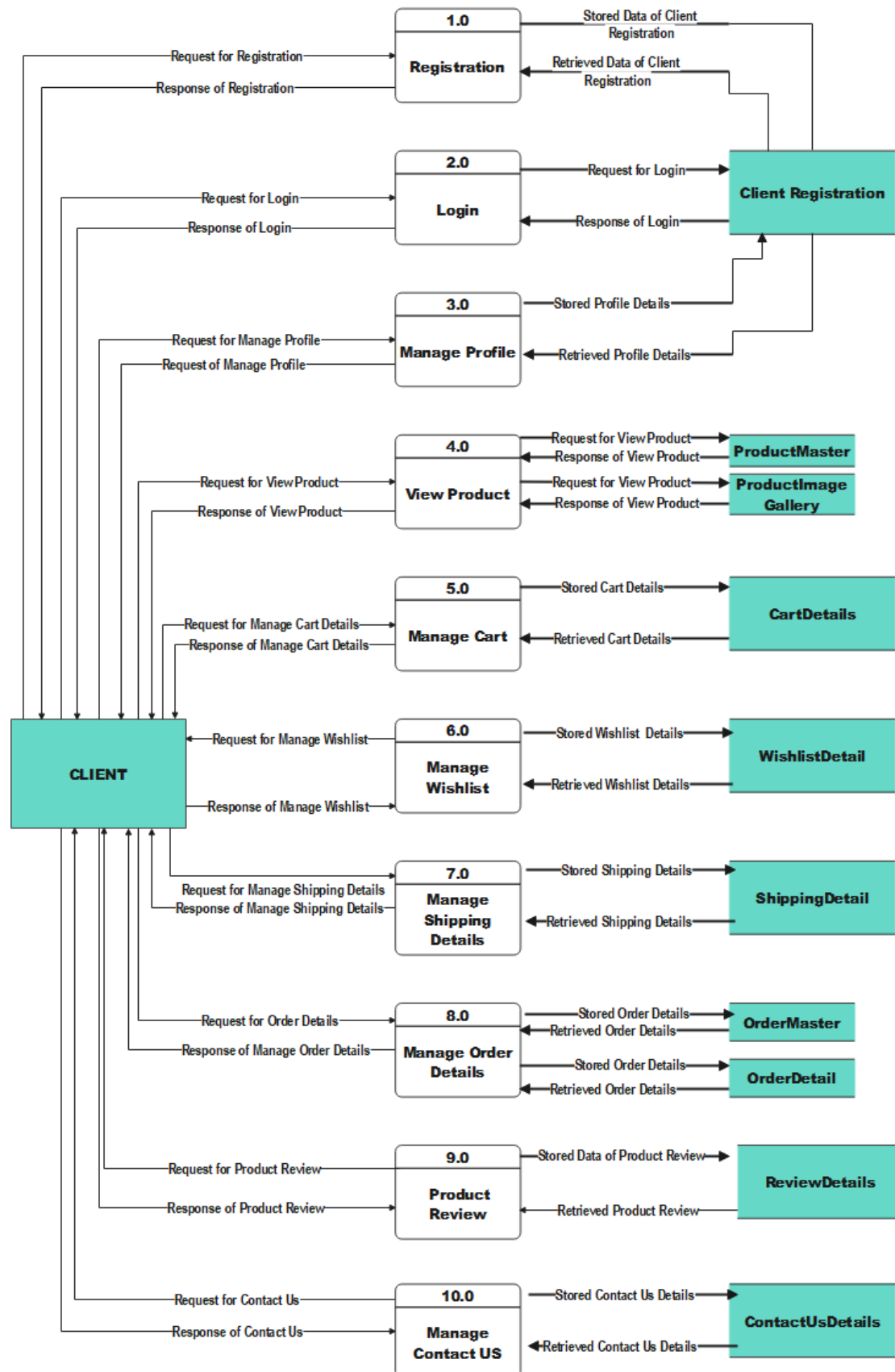
1st Level Visitor
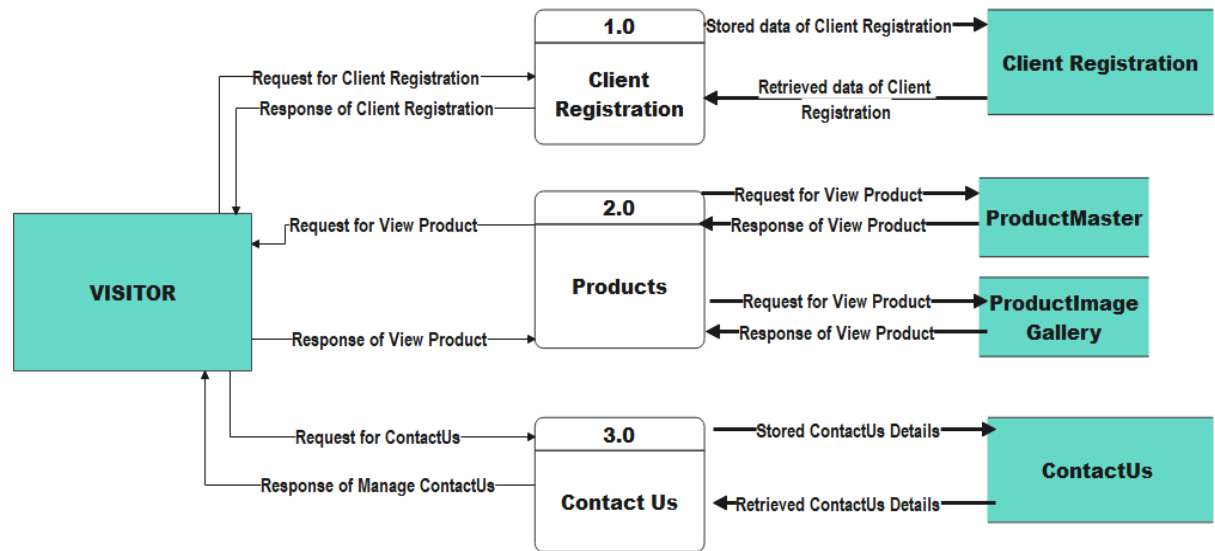
2nd Level Data Flow Diagram
2nd Level Admin (Login)
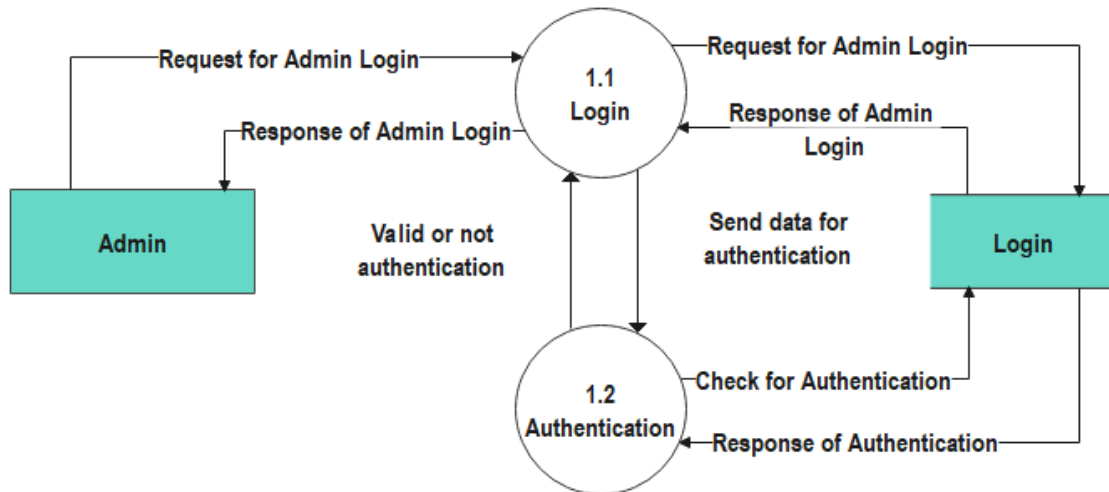
2nd Level Admin (Manage State)
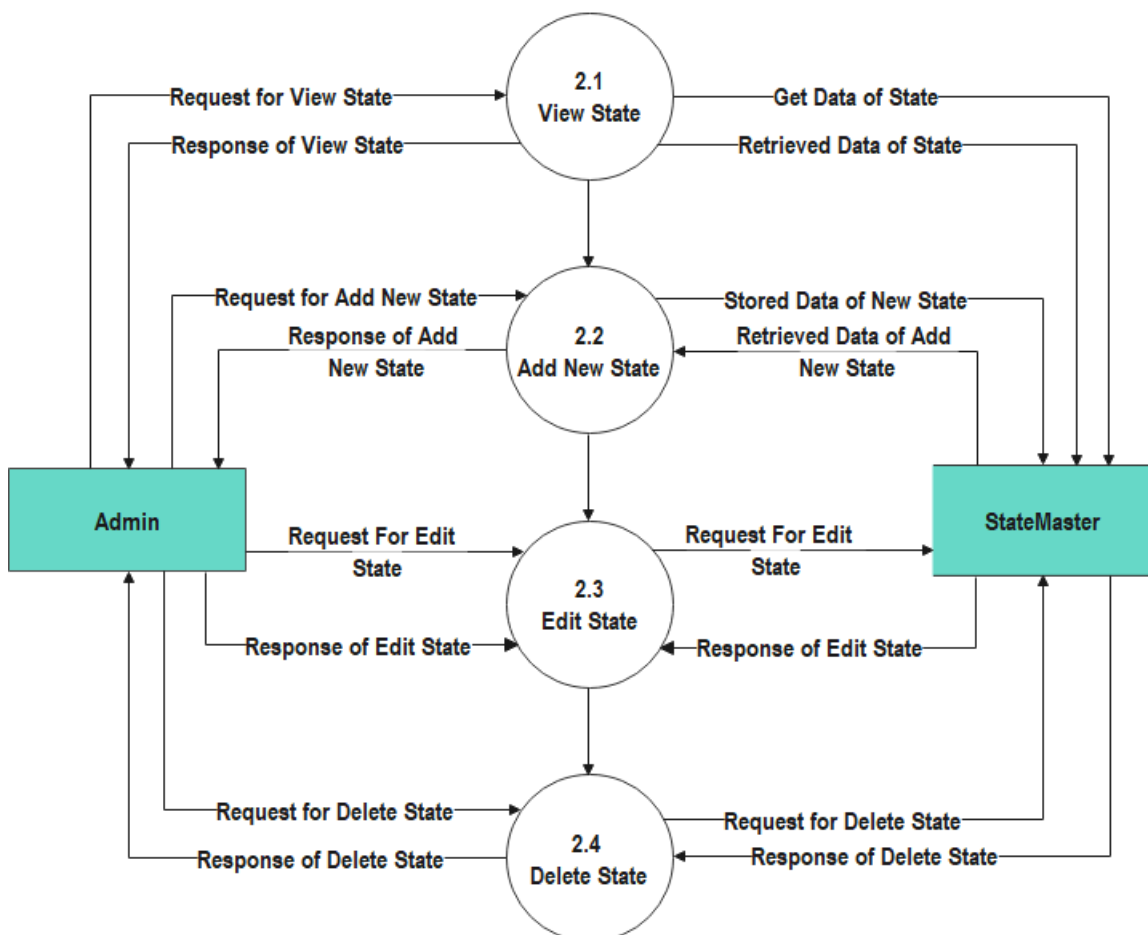
2nd Level Admin (Manage City)
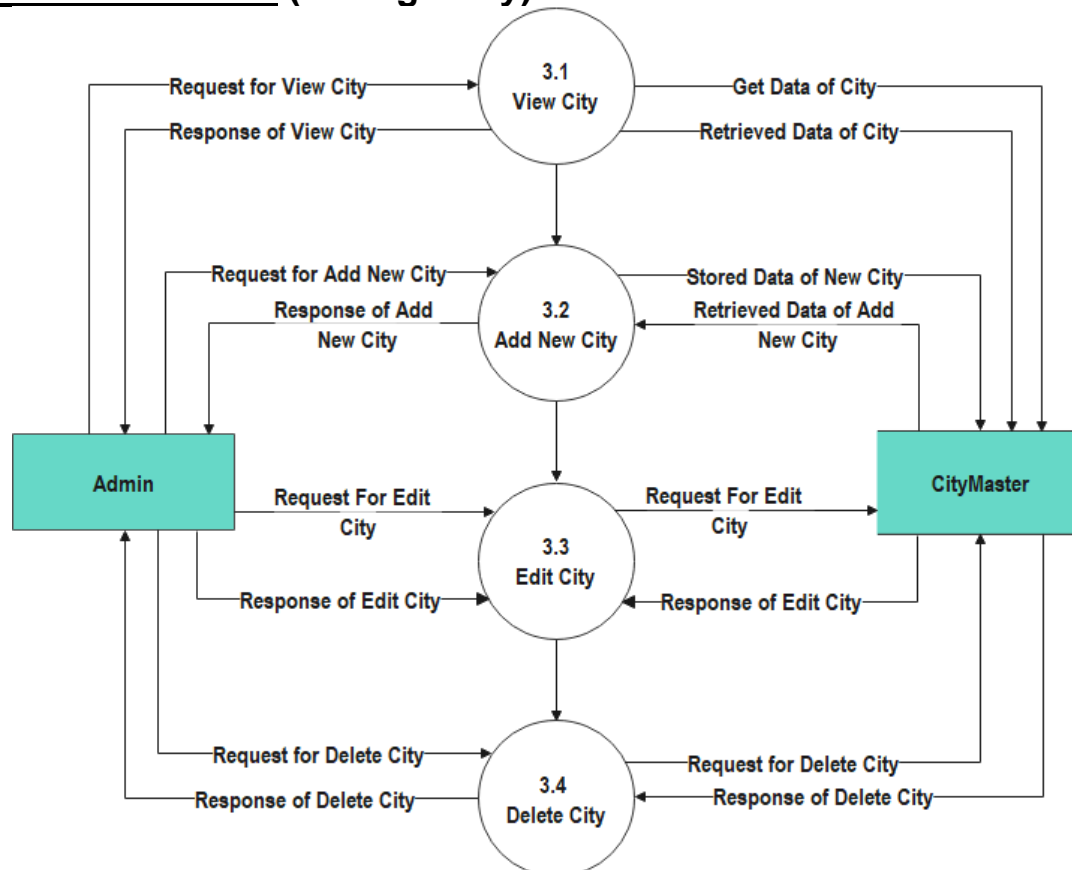
2nd Level Admin (Manage Area)
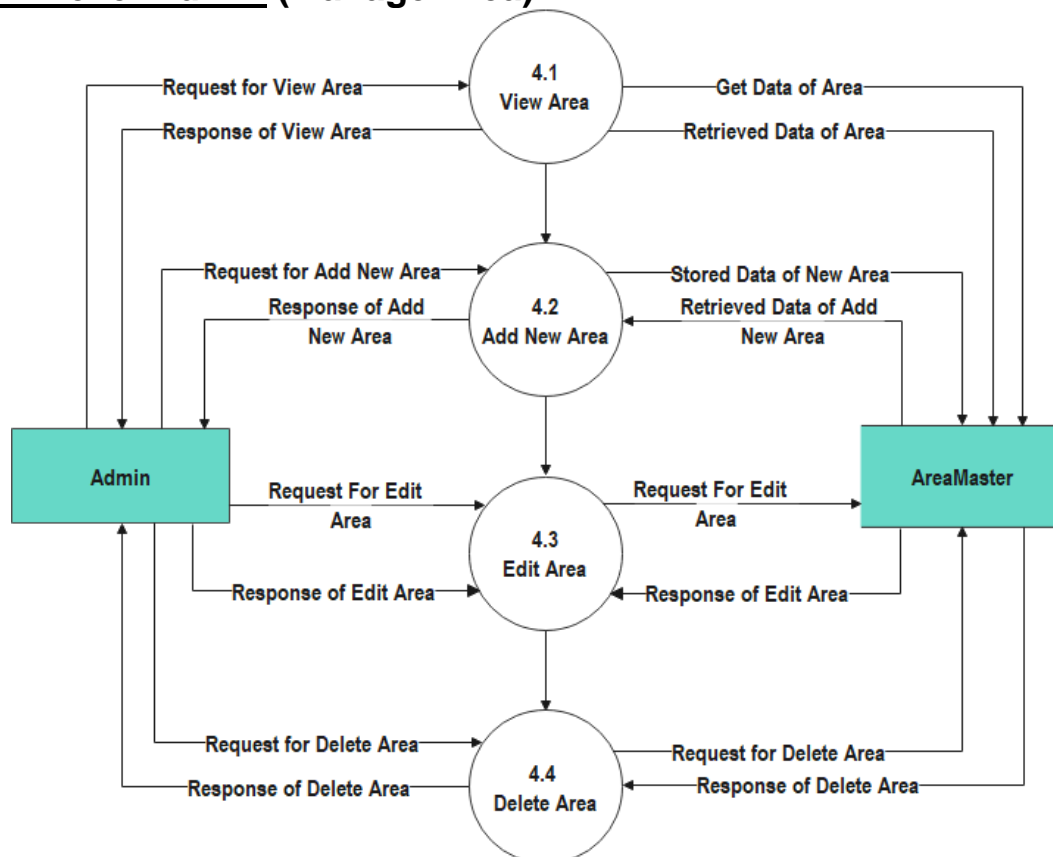
2nd Level Admin (Manage Category)
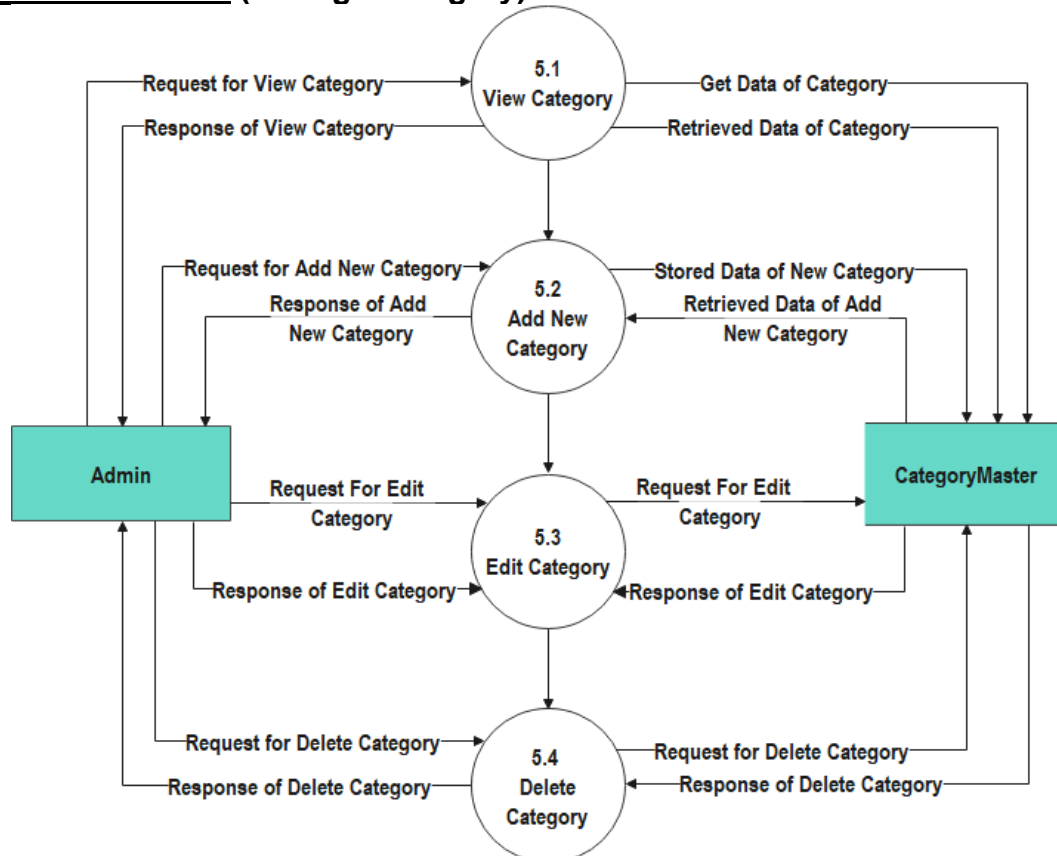
2nd Level Admin (Manage Flavour)
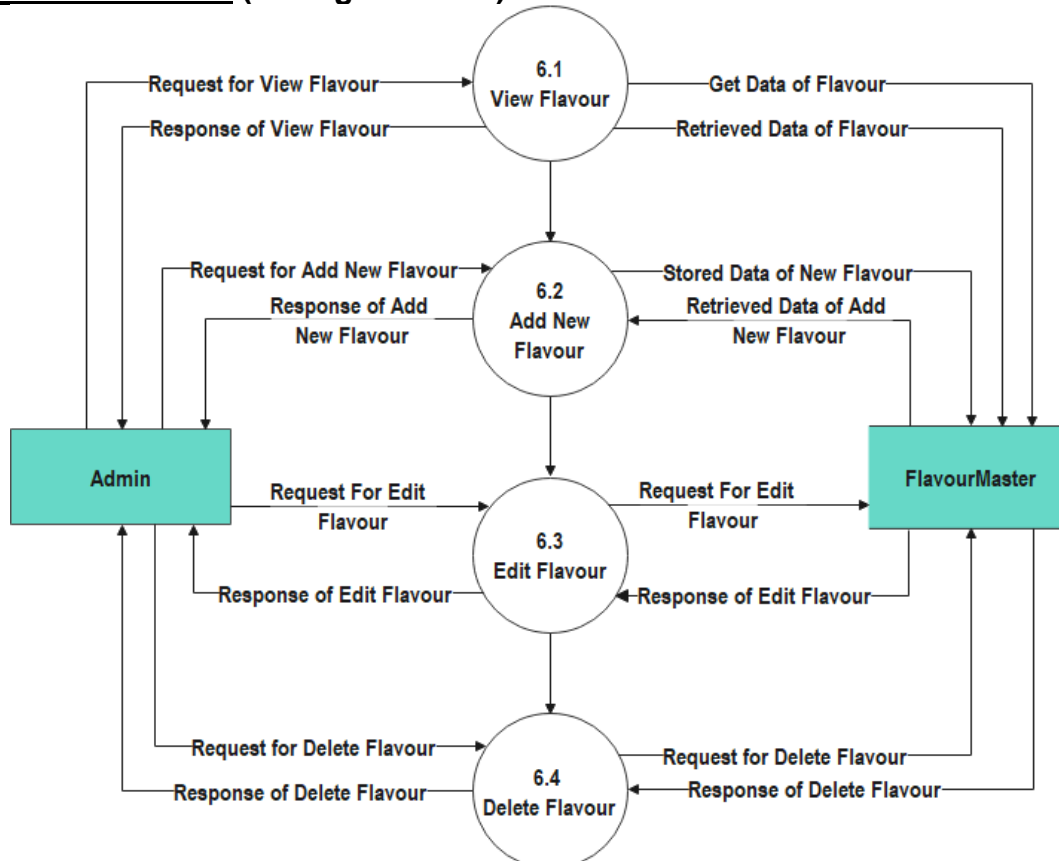
2nd Level Admin (Manage User)
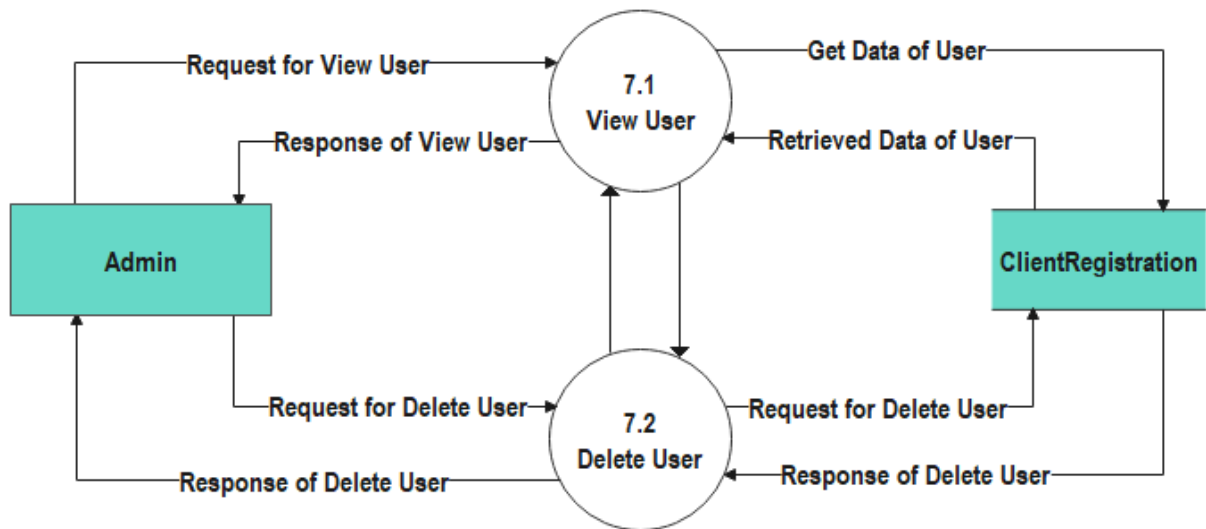
2nd Level Admin (Manage Inquiry)
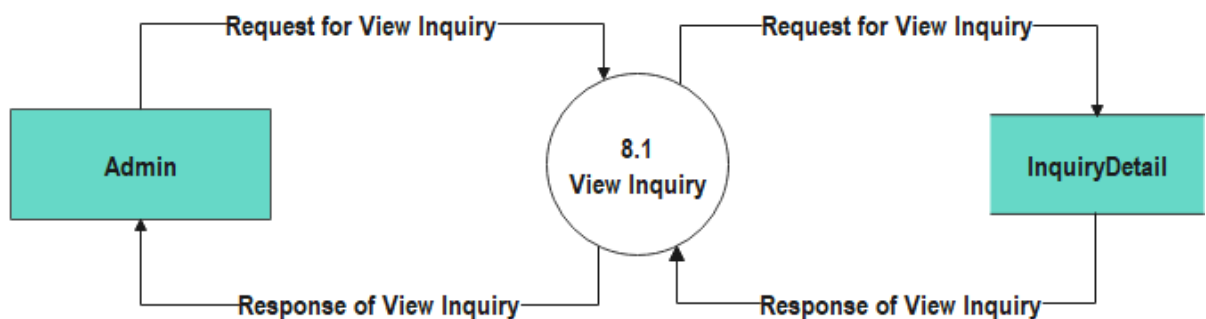
2nd Level Client (Registration)
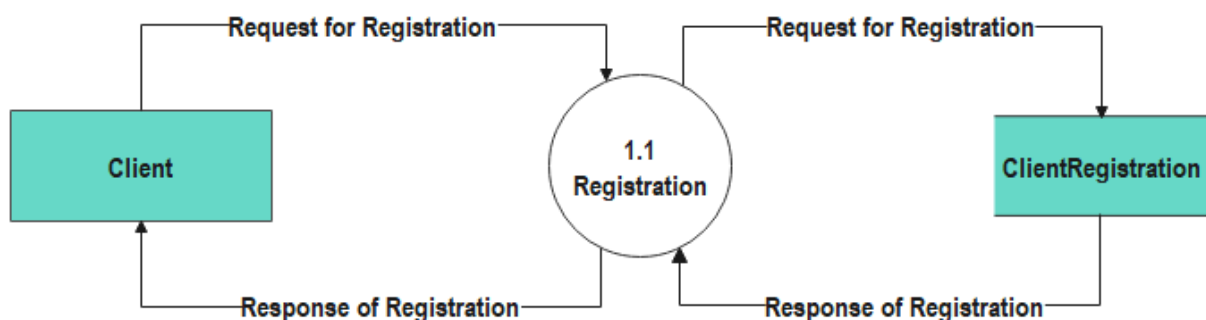
2nd Level Client (Login)
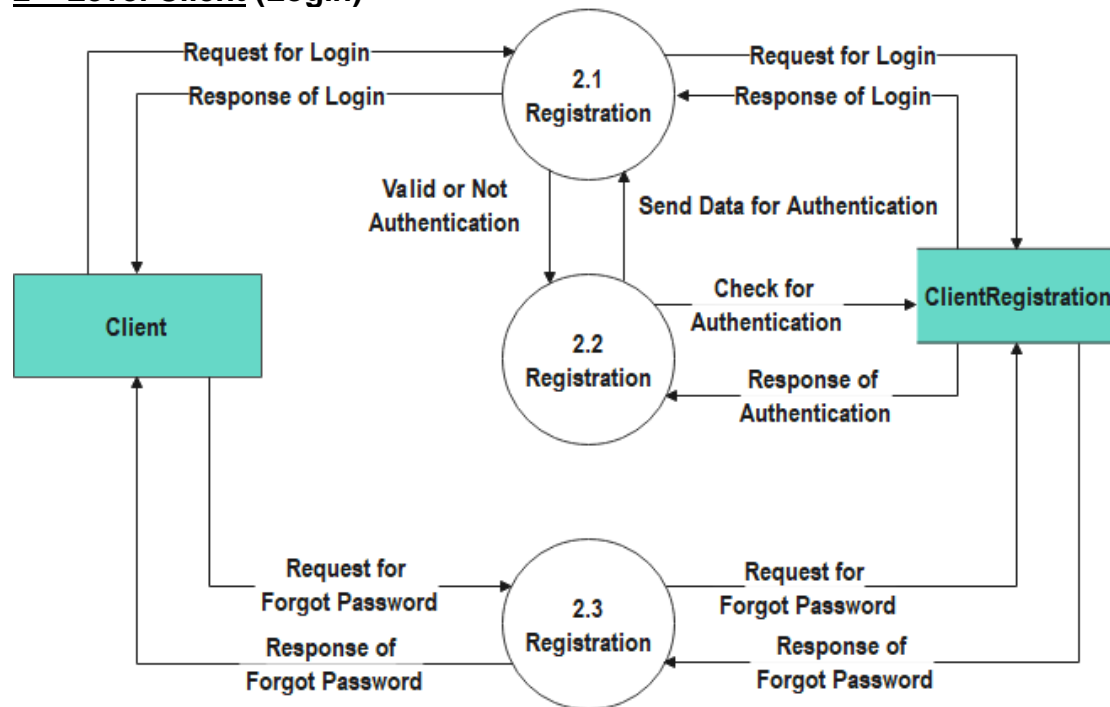
2nd Level Client (Manage Profile)
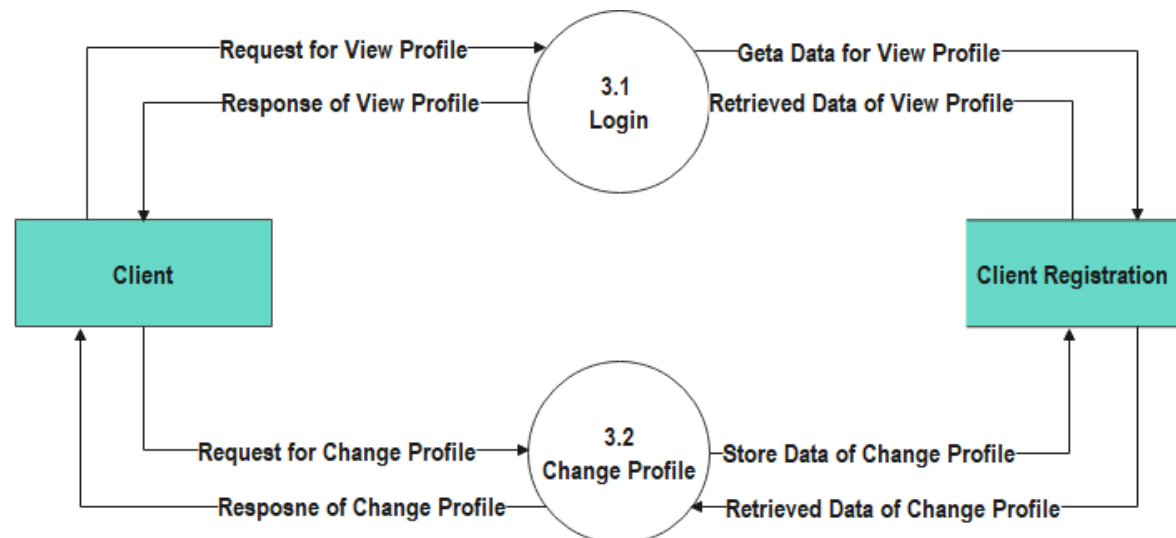
2nd Level Client (View Product)
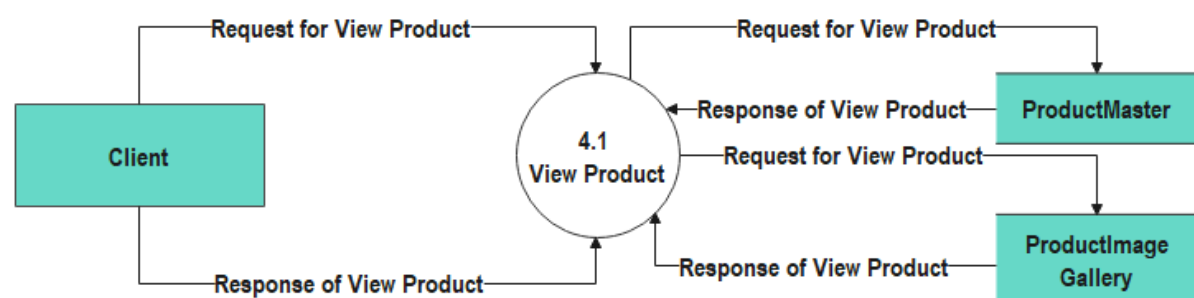
2nd Level Client (Manage Cart)
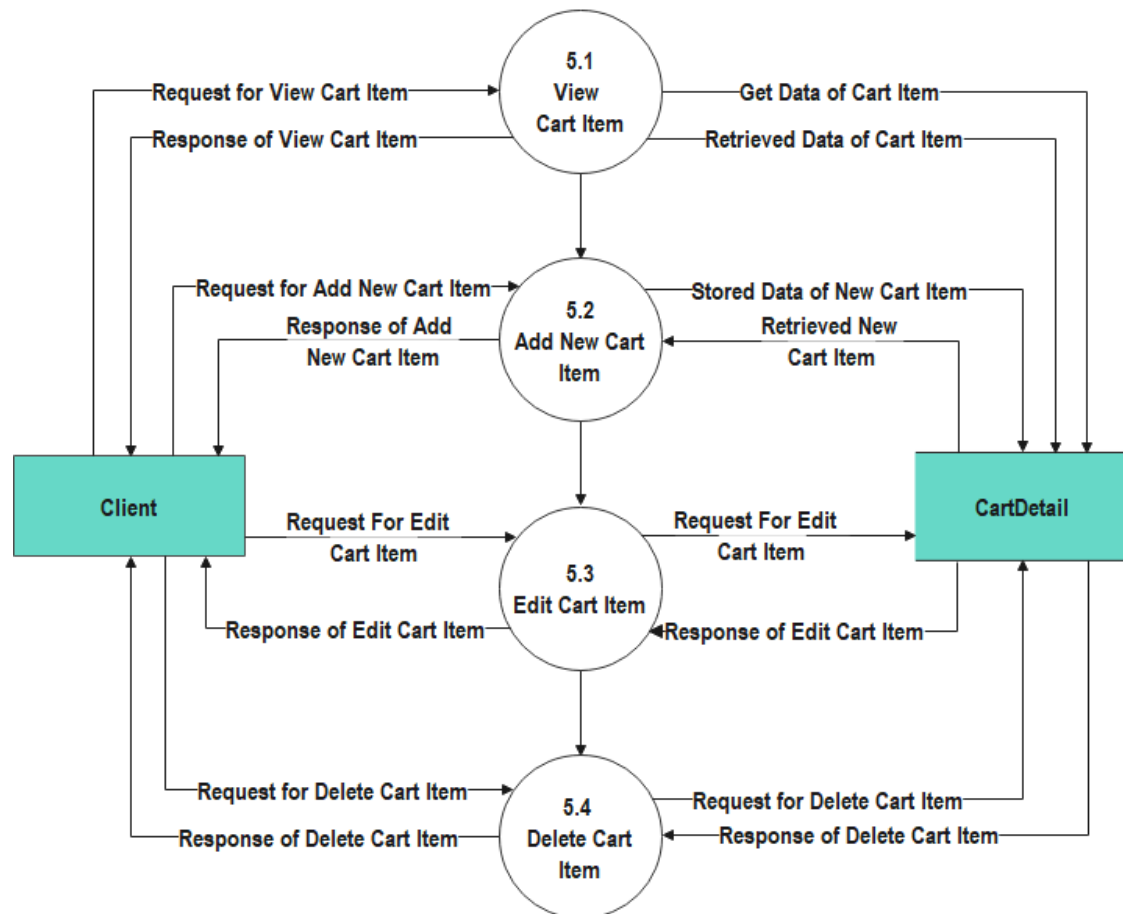
2nd Level Client (Manage Shipping Details)
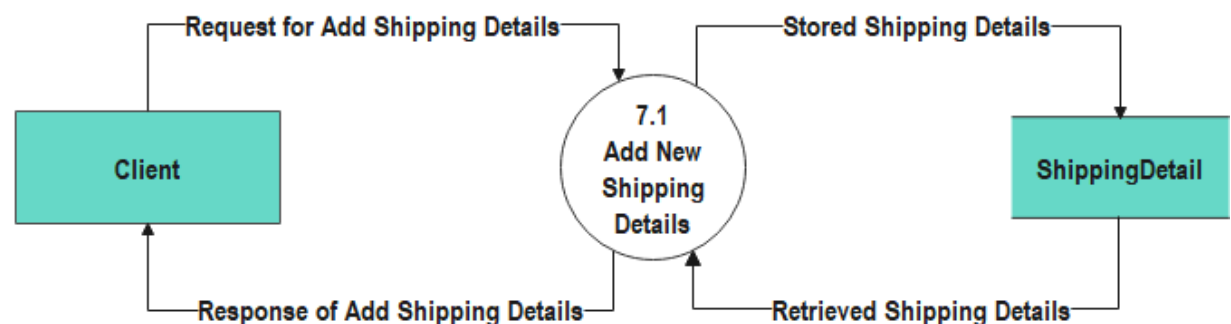
2nd Level Client (Manage Order Details)
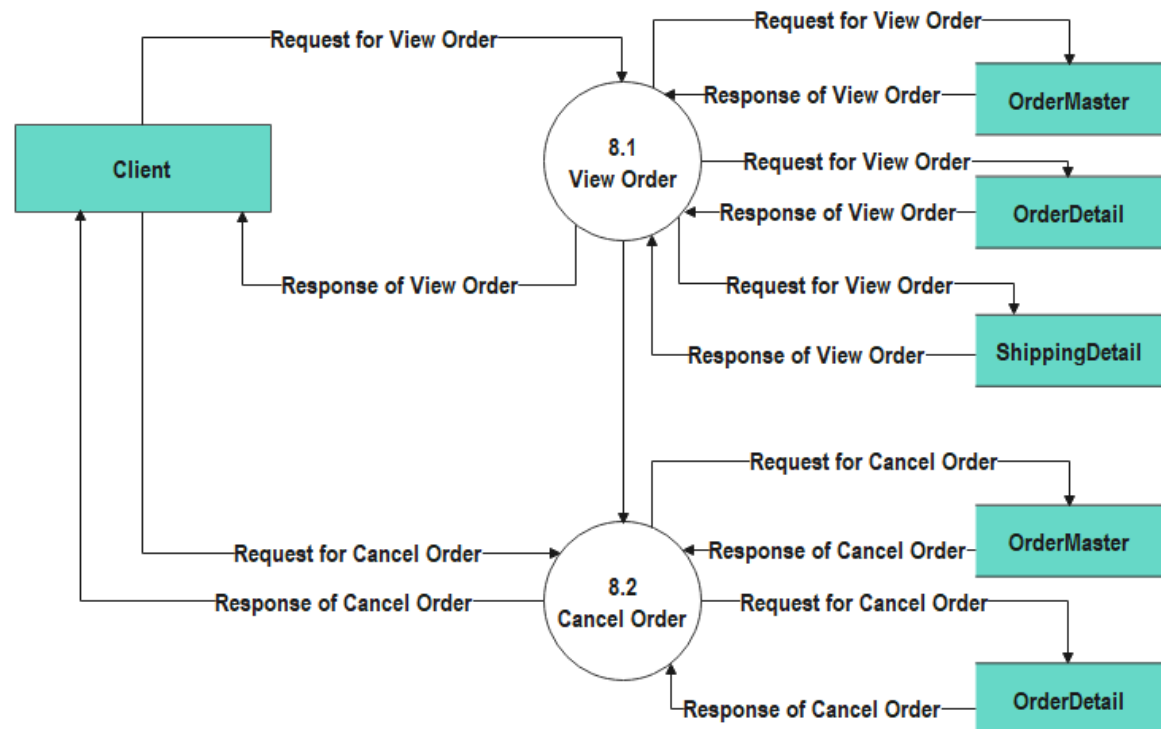
2nd Level Client (Product Review)
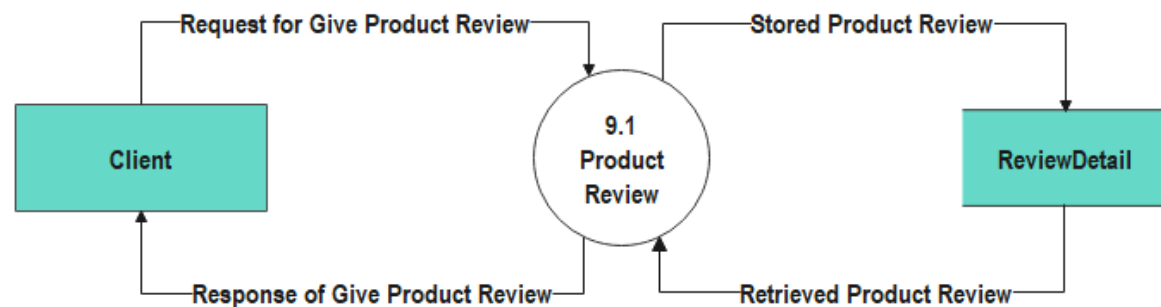
2nd Level Client (Contact Us)
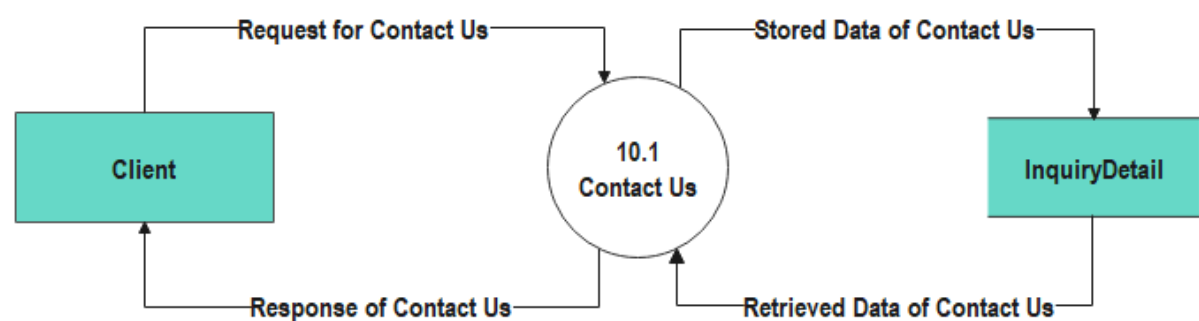
2nd Level Visitor (Client Registration)
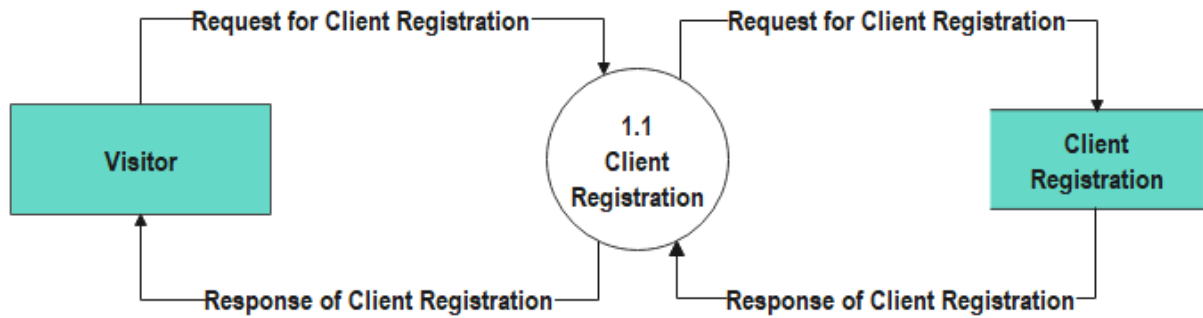
2nd Level Visitor (View Product)
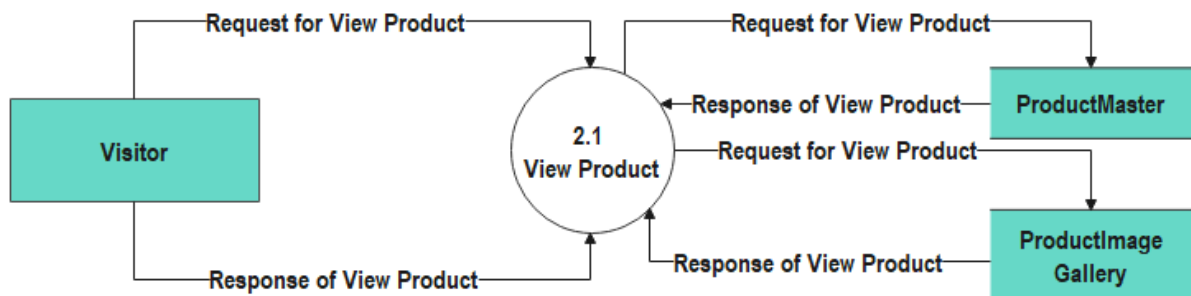
2nd Level Visitor (Contact Us)
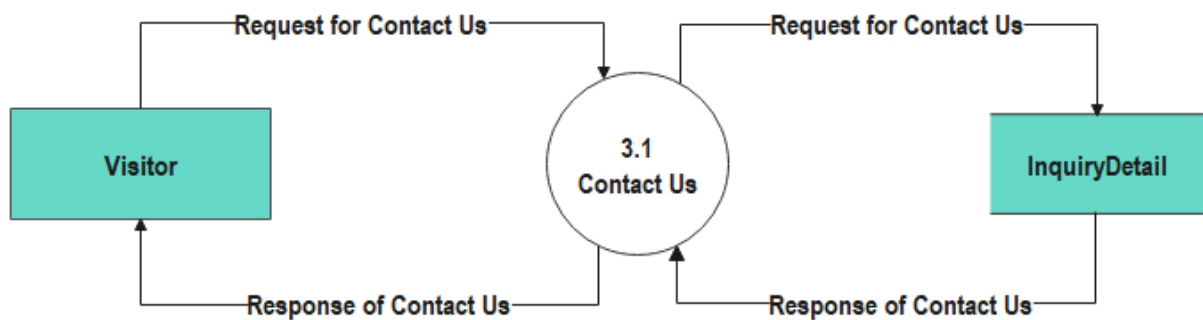
3.2 Use Case Diagram
Use case of Admin
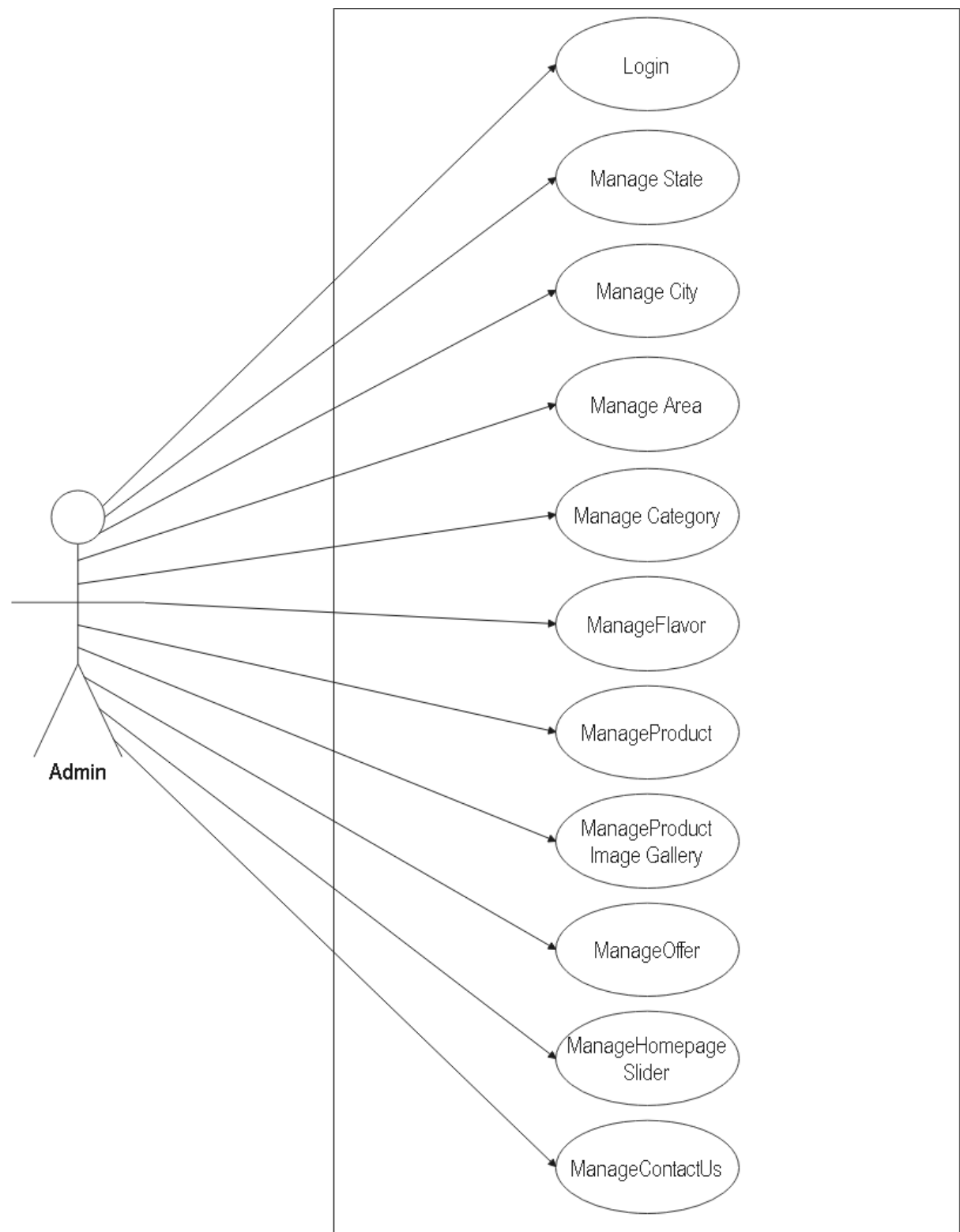
Use case of Client
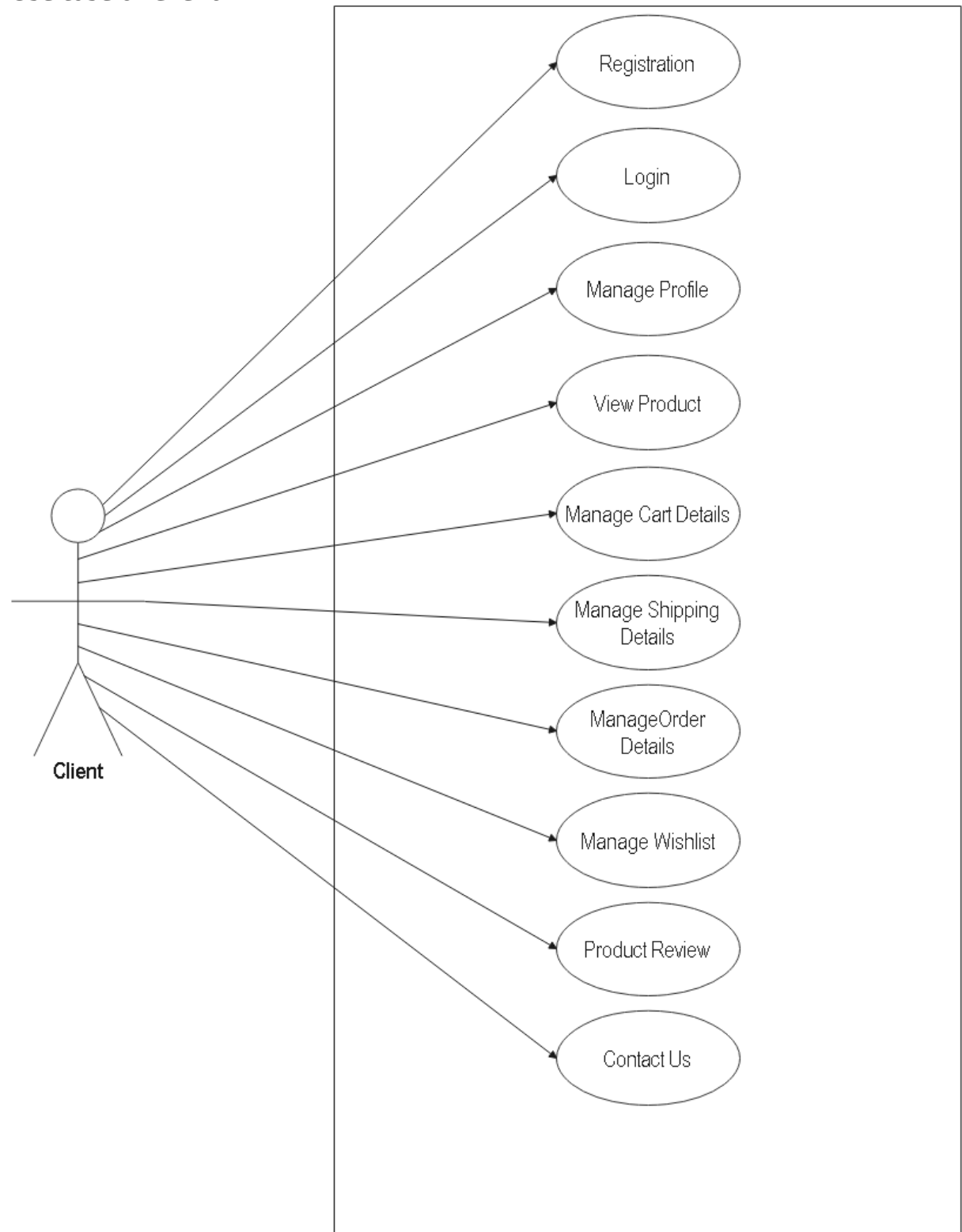
Use Case of Visitor
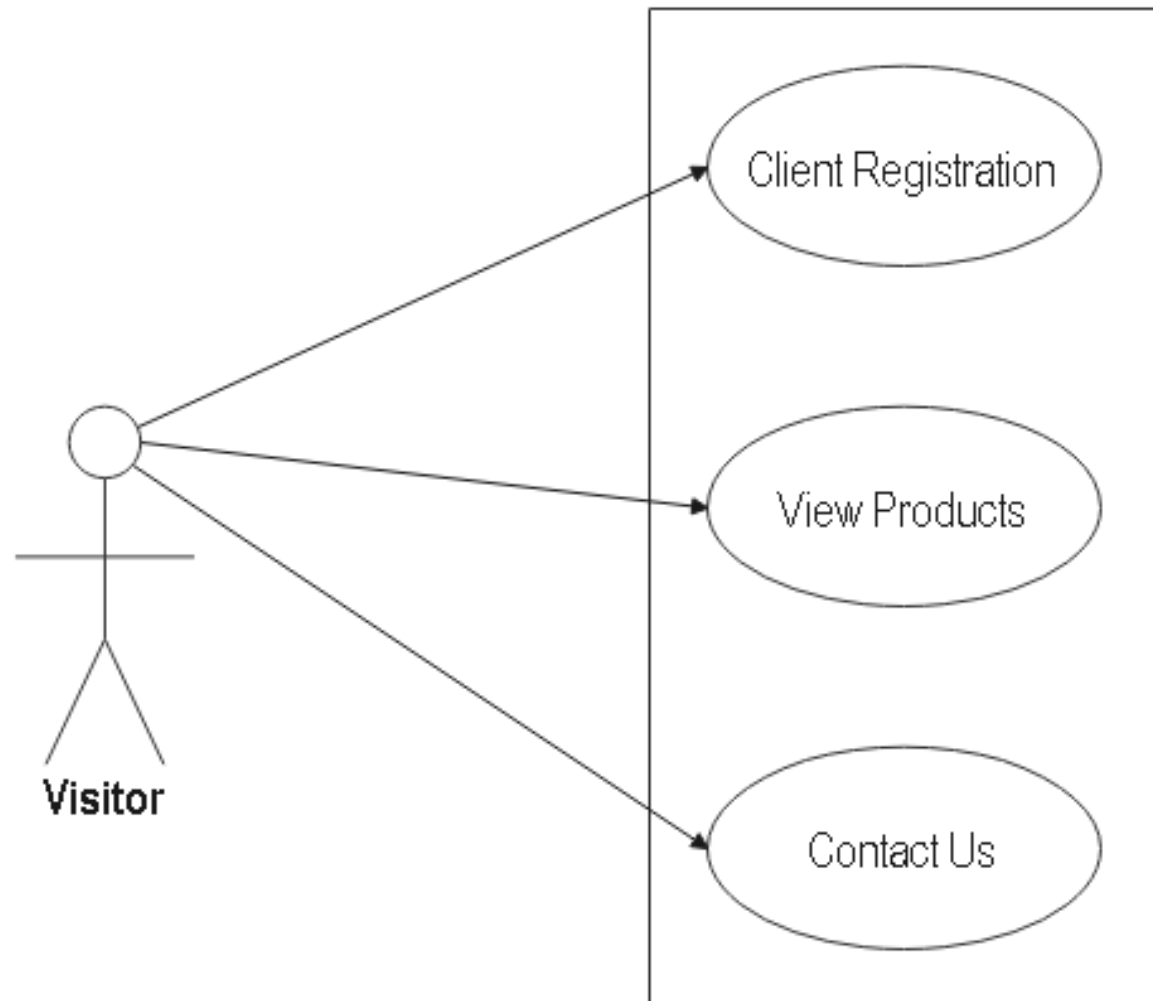
3.2 Use Case Diagram
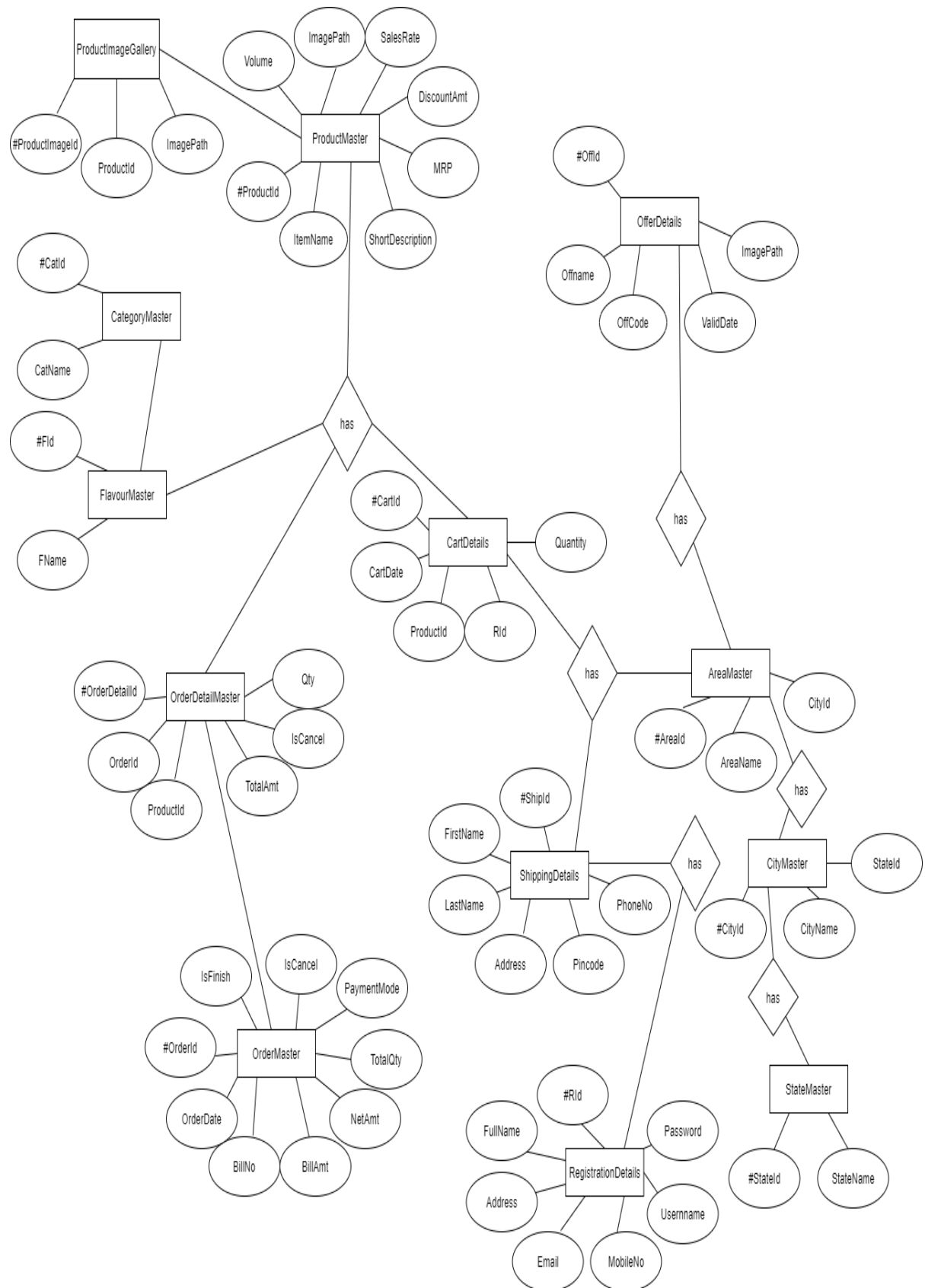
3.4 Data Dictionary

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 :	ProductImageGalllery
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 <u>Database Design</u>

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
ShortDescrption	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
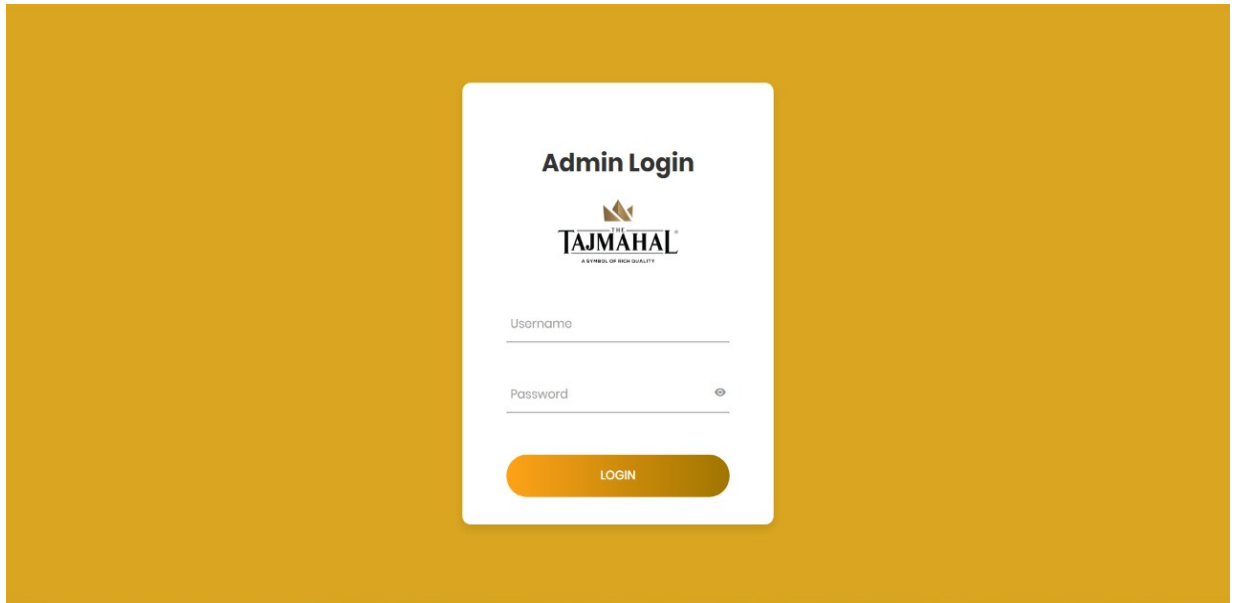
17. UserDetail

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

Validation on Wrong Username or Password

Admin Dashboard

State Master Page

Check for Empty Field (Validation)

Check for Existing Record (Validation)

Message after Data Inserted

Edit State Master

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

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

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

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

Offer Detail Page

Contact Us Detail Page

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
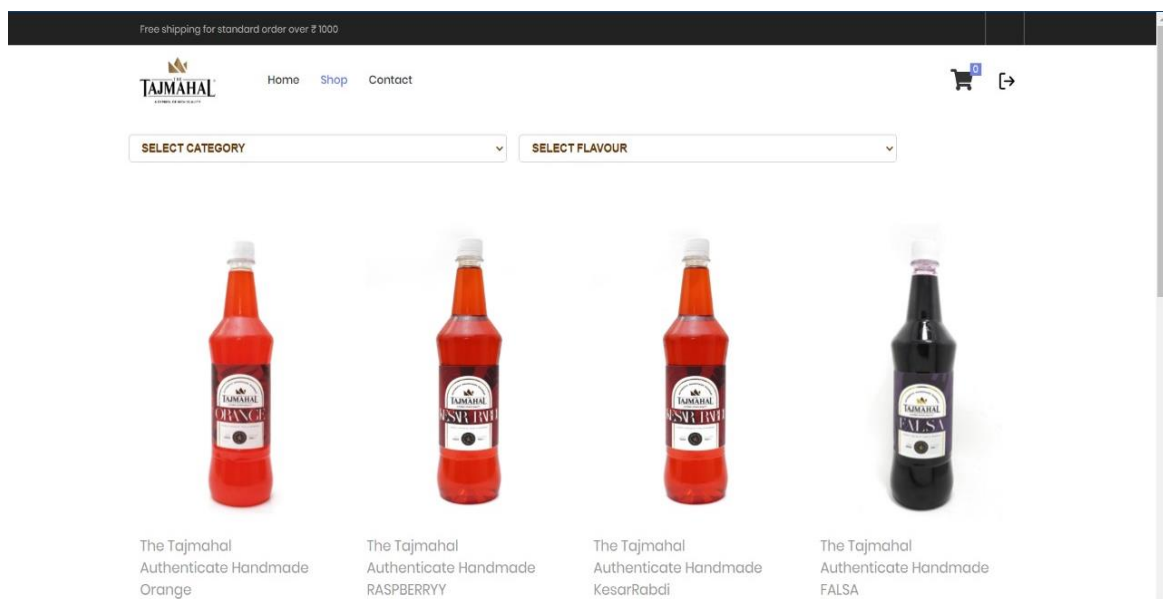
Shop by Categories

1. With Water Category

2. With Milk Category

3. **With Water & Milk Category**

Product Master Page

Add New Item Master

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.

SDJ INTERNATIONAL COLLEGE

Message after New Item Inserted

TAJMAHAL

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
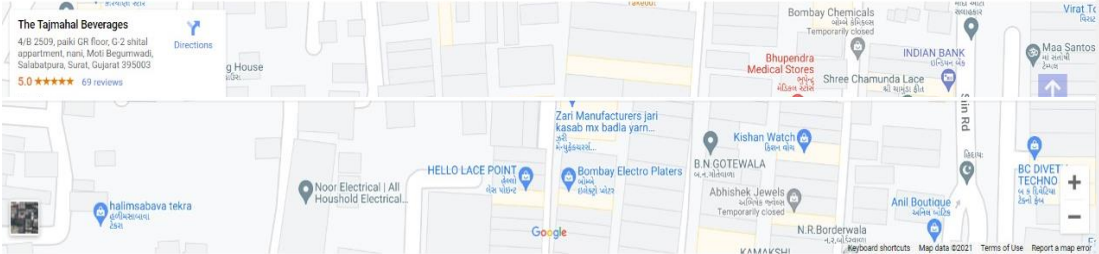
Contact Us Page

Required Field Validation on Contact Us Page

Client Registration Page

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.
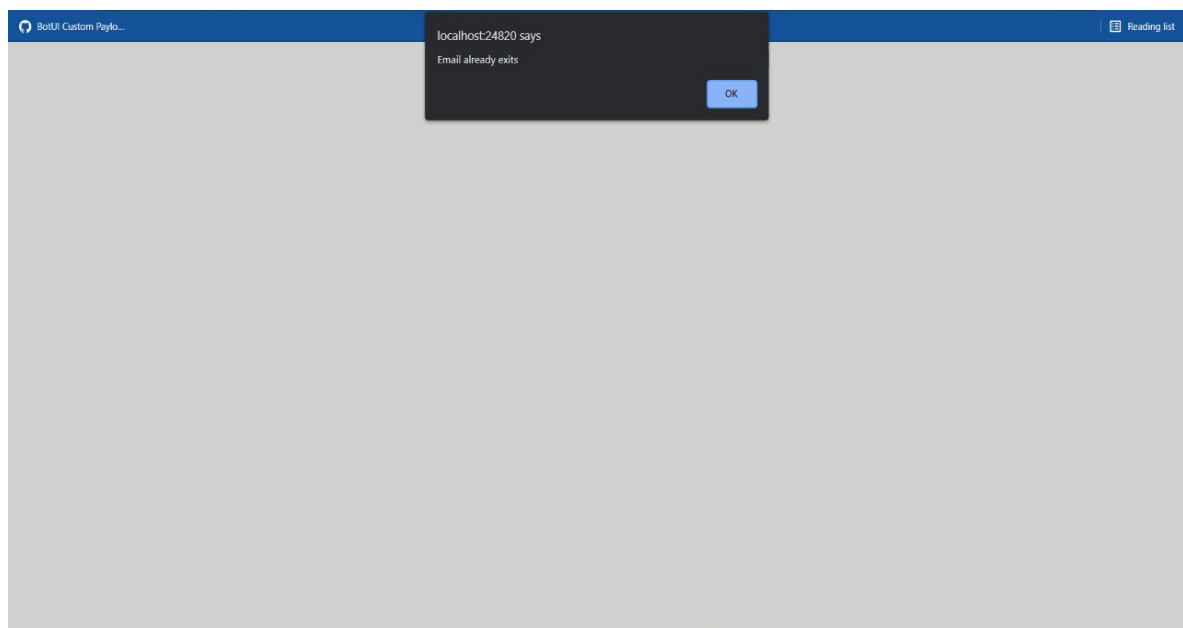
Client Login Page

Validations on Client Login:

- Username & Password are required.
- Invalid Username & Password.
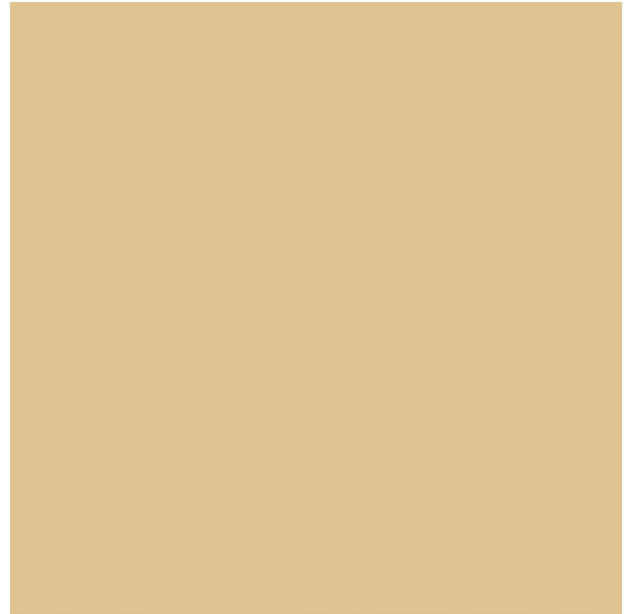
Client Forget Password Page

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.
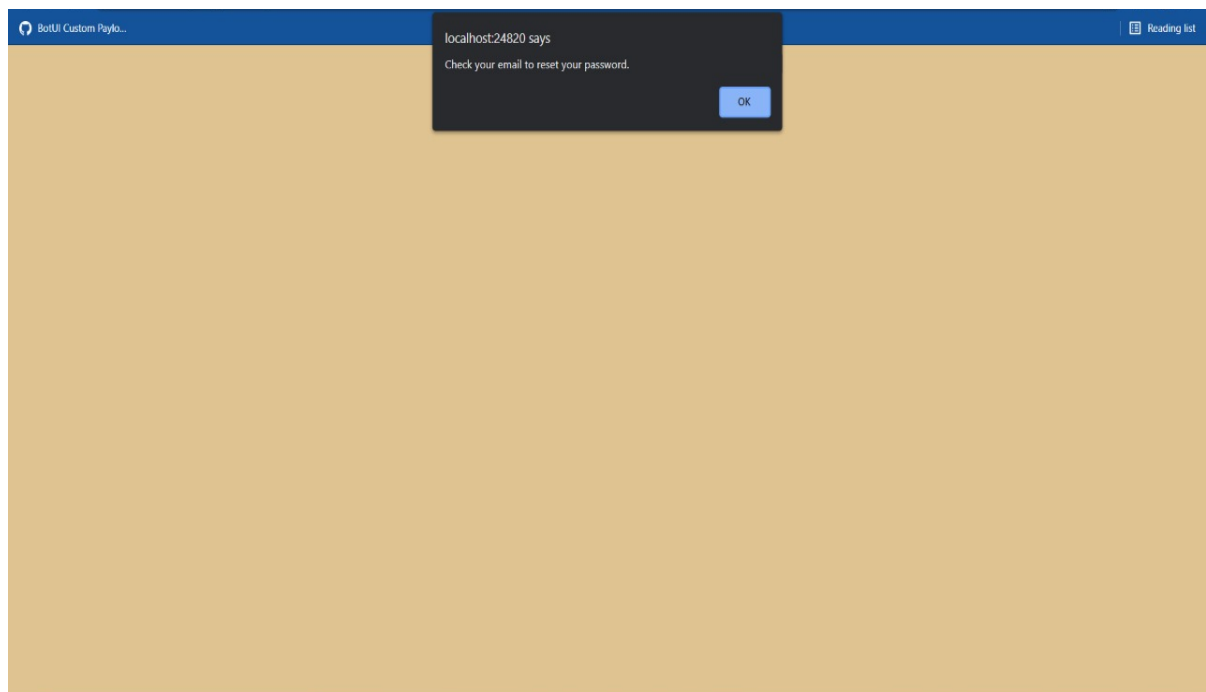
OTP Received on Email
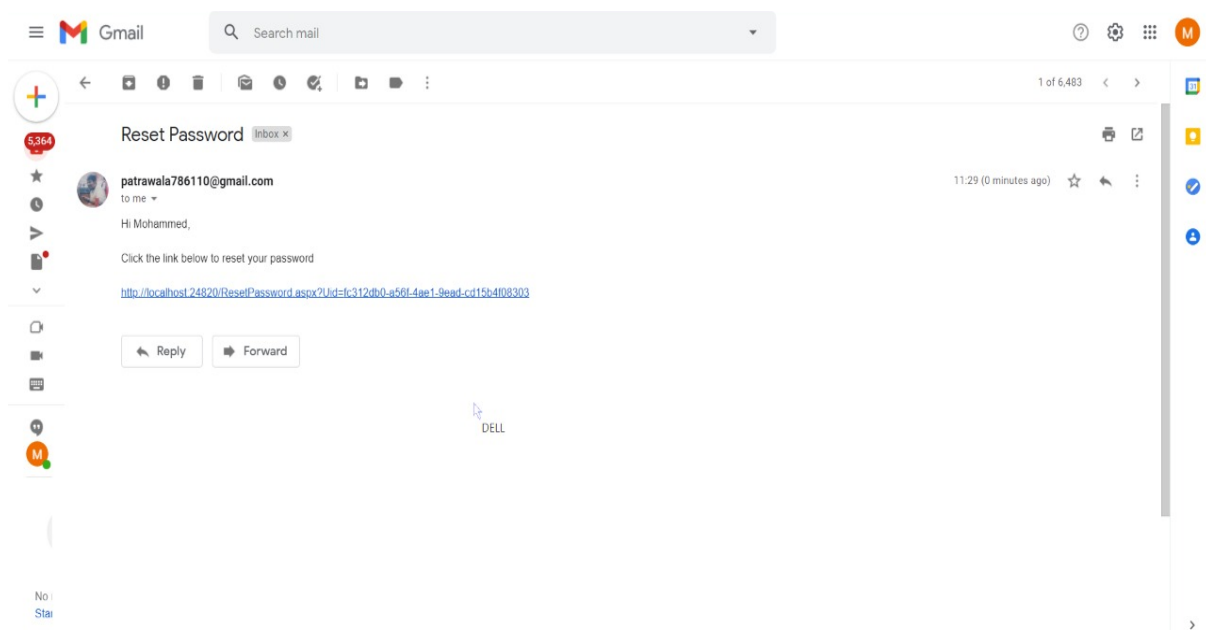
Cart Detail Page

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

Shipping Details Page

Shop   Try Tasting   About   Contact

Apply

VNSGU50

Biiling 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 appartment, nani, Moti Begumwadi, Salabatpura, Surat, Gujarat 395003 or call us on (+91) 96247786552
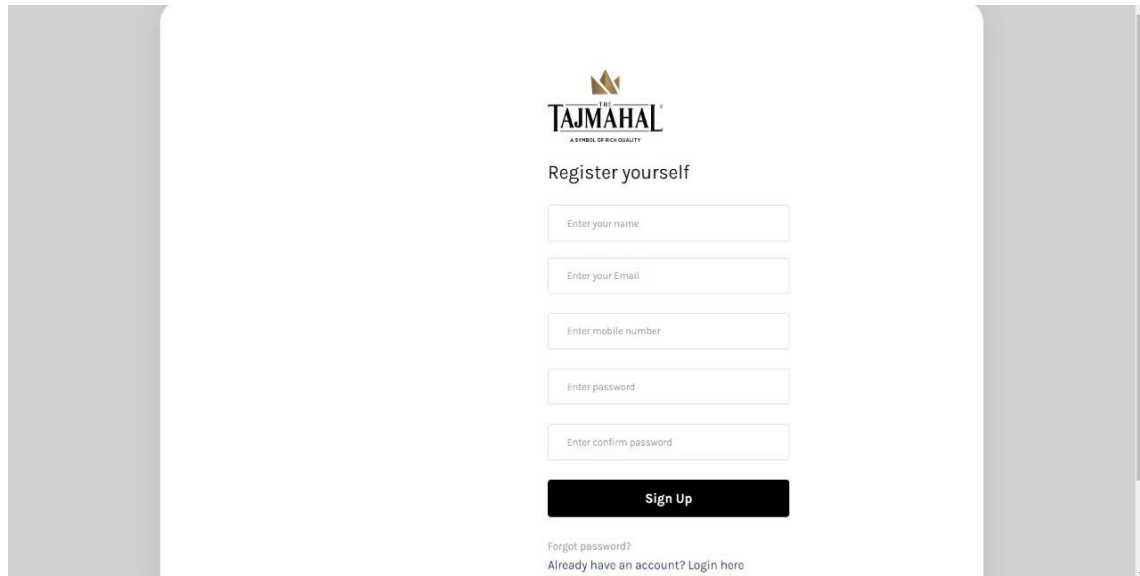
NEWSLETTER

email@example.com

SUBSCRIBE

Validation on Shipping Details Page
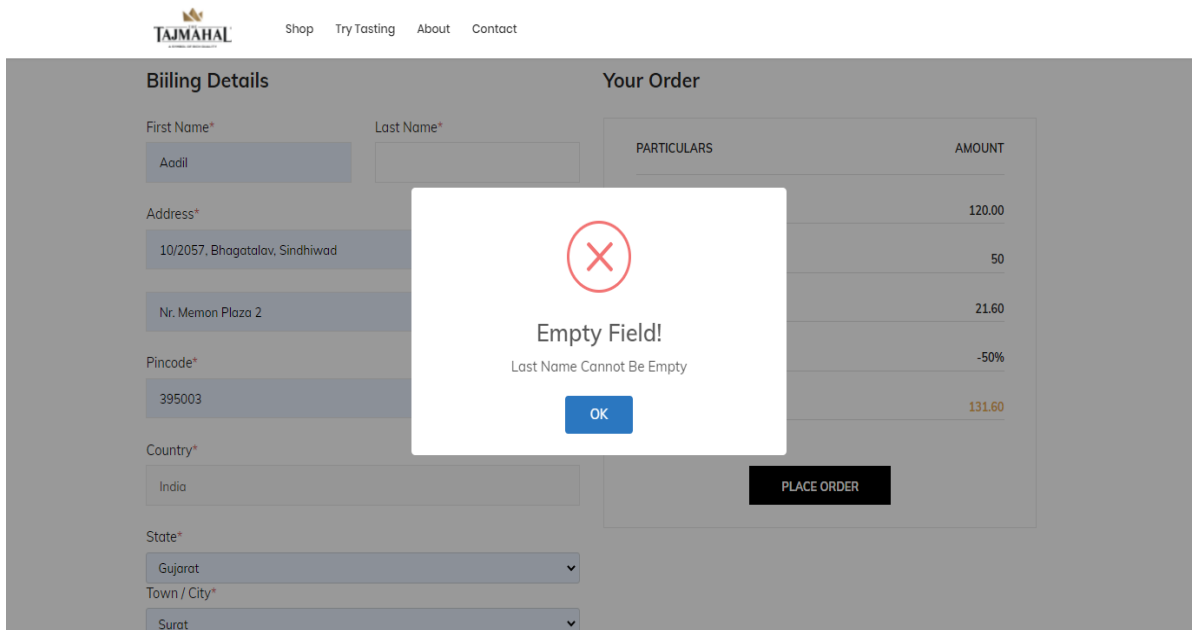
- All the * fields are required.
- Phone number only 10 digits number allowed.

Payment Details Page

TAJMAHAL

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, paiki GR floor, G-2 shital appartment, nani, Moti Begumwadi, Salabatpura, Surat, Gujarat 395003 or call us on (+91) 96247786552

f ⊙ p

NEWSLETTER

email@example.com

SUBSCRIBE

Invoice Page

Shop   About   Contact

|◀ ◀ 1   of 1 ▶ ▶| φ   Find | Next

Address: 4/B 2509, paiki GR
floor, G-2 shital appartment,
nani Begumwadi, Salabatpura,
Surat, Gujarat 395003

Contact: 9978143652

CONTINUE SHOPPING

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
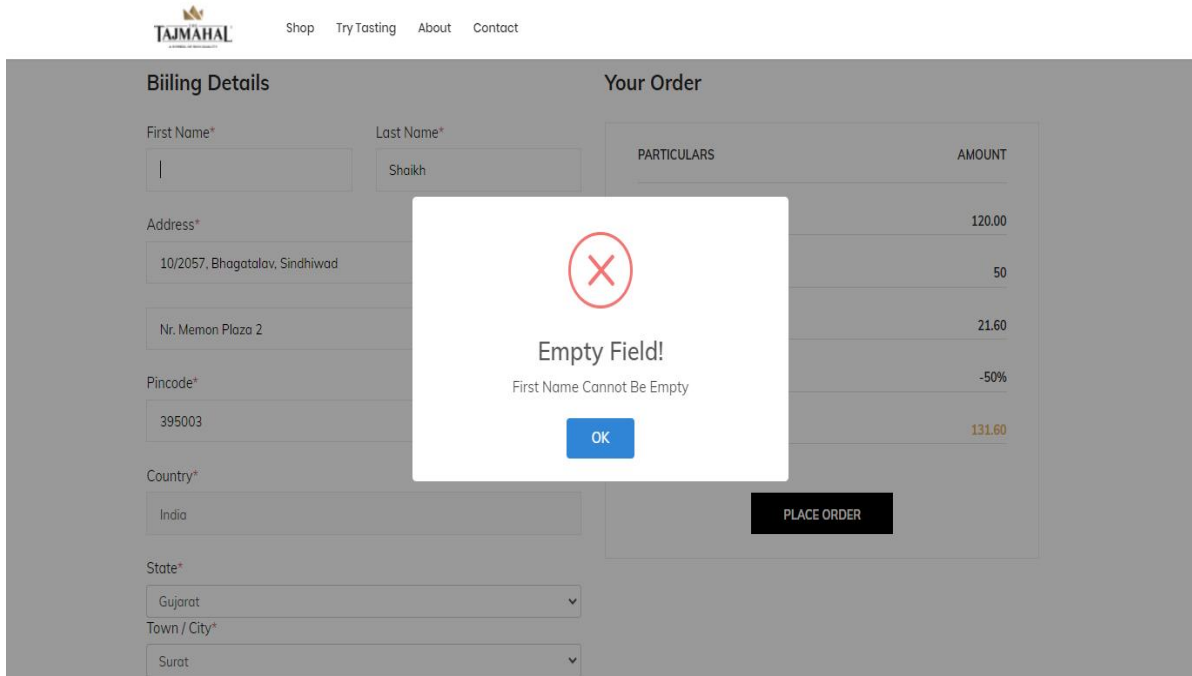us on (+91) 96247786552

f ⊙ 𝓟

NEWSLETTER

email@example.com

SUBSCRIBE

4. <u>Testing</u>

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	AreaId	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.

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