QUESTECOM

By

Tilak Pandya (19MCAL040)

Under Guidance

of

Internal Guide

Dr. Dharmendhra Patel

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CHARUSAT
Changa

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CHAROTAR UNIVERISTY OF SCIENCE & TECHNOLOGY
Changa

Acknowledgement

Knowledge in itself is a continuous process. At this moment of our substantial enhancement, We rarely find words to express our gratitude towards those who were constantly involved with us.

The completion of any inter disciplinary project depends upon coordination, cooperation and combined efforts of several resources of knowledge, creativity, skill, energy and time. The work being accomplished now, we feel our most sincere urge to recall and knowledge through these lines, trying our best to give full credit wherever it deserves.

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It's our good fortune that we had support and well wishes of many. We are thankful to all and those names which have been forgotten to acknowledge here but contributions have not gone unnoticed.

With Sincere Regards,
Tilak Pandya (19MCAL040)

Table of Contents

Sr. No		Subject	Page Number
1		**Project Profile & Company Profile**	4
2		**Introduction to tools**	6
3		**System Study**	10
	1.	Existing System	11
	2.	Proposed System	-
	3.	Scope of the Proposed System	-
	4.	Aim and Objective of the Proposed System	-
	5.	Feasibility Study	12
		Operational Feasibility	-
		Technical Feasibility	-
		Economic Feasibility	-
4		**System Analysis**	13
		Requirements Specification (along with System Modules)	14
		Use Case Diagram	16
		Activity Diagram	18
		Class Diagram	21
		Sequence Diagram	22
5		**System Design**	25
		Data Dictionary	26
		Screen Layouts	34
		Reports	65
6		**System Testing**	67
7		**Future Enhancement**	77
8		**Bibliography/References**	79

PROJECT PROFILE

❖ Project Profile

Project Name:	Questecom
Type of Application:	E-commerce website for furniture business
Project Description:	It provides all the eCommerce website facility related to furniture shopping including browsing, selecting, adding to wish list, adding to cart, purchase, registration and etc.
Team Size:	**1**
Front End:	**HTML, CSS, Javascript, Jquery, Boostrap**
Back End:	**PHP, MVC Architecture, Mysql**
Tools used:	**Magento , Visual Code as an edior**

INTRODUCTION TO TOOLS

❖ Introduction to Tools

➢ Front End Tool:

1. HTML

- HTML stands for HyperText Markup Language.
- It is used to design web pages using a markup language.
- HTML is the combination of Hypertext and Markup language. Hypertext defines the link between the web pages.
- A markup language is used to define the text document within tag which defines the structure of web pages.
- This language is used to annotate (make notes for the computer) text so that a machine can understand it and manipulate text accordingly.
- Most markup languages (e.g. HTML) are human-readable.
- The language uses tags to define what manipulation has to be done on the text.

2. CSS

- **C**ascading **S**tyle **S**heets, fondly referred to as **CSS**, is a simply designed language intended to simplify the process of making web pages presentable.
- CSS allows you to apply styles to web pages.
- More importantly, CSS enables you to do this independent of the HTML that makes up each web page.
- CSS is easy to learn and understood but it provides powerful control over the presentation of an HTML document.

3. JavaScript

- **JavaScript** is a lightweight, cross-platform and interpreted scripting language.
- It is well-known for the development of web pages, many non-browser environments also use it.
- JavaScript can be used for Client-side developments as well as Server-side developments.
- JavaScript contains a standard library of objects, like Array, Date, and Math, and a core set of language elements like **operators, control structures,** and **statements.**

4. jQuery

- **jQuery** is an open source JavaScript library that simplifies the interactions between an HTML/CSS document, or more precisely the Document Object Model (DOM), and JavaScript.
- Elaborating the terms, jQuery simplifies HTML document traversing and manipulation, browser event handling, DOM animations, Ajax interactions, and cross-browser JavaScript development.

5. Bootstrap

- Bootstrap is a free and open-source tool collection for creating responsive websites and web applications.
- It is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first web sites.
- It solves many problems which we had once, one of which is the cross-browser compatibility issue. Nowadays, the websites are perfect for all the browsers (IE, Firefox and Chrome) and for all sizes of screens (Desktop, Tablets, Phablets, and Phones).
- All thanks to Bootstrap developers -Mark Otto and Jacob Thornton of Twitter, though it was later declared to be an open-source project.

➢ Back End Tool:

1. PHP

- The term PHP is an acronym for PHP: Hypertext Preprocessor.
- PHP is a server-side scripting language designed specifically for web development.
- It is open-source which means it is free to download and use. It is very simple to learn and use.
- The files have the extension ".php".
- Rasmus Lerdorf inspired the first version of PHP and participating in the later versions.
- It is an interpreted language and it does not require a compiler.

2. MVC Architecture

- The **Model-View-Controller (MVC)** framework is an architectural pattern that separates an application into three main logical components Model, View, and Controller. Hence the abbreviation MVC.
- Each architecture component is built to handle specific development aspect of an application.
- MVC separates the business logic and presentation layer from each other.
- It was traditionally used for desktop graphical user interfaces (GUIs). Nowadays, MVC architecture has become popular for designing web applications as well as mobile apps.

3. MYSQL:

- MySQL is an open-source relational database management system (RDBMS).
- MySQL is developed, distributed, and supported by Oracle Corporation.
- The data in a MySQL database are stored in tables which consists of columns and rows.
- MySQL is a database system that runs on a server.
- MySQL is ideal for both small and large applications.
- MySQL is very fast, reliable, and easy to use database system.It uses standard SQL
- MySQL compiles on a number of platforms.

Tools Used:

1. Visual Studio Code:

- Visual Studio Code is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS and Linux.
- It comes with built-in support for JavaScript, TypeScript and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go) and runtimes (such as .NET and Unity).
- Enable additional languages, themes, debuggers, commands, and more. VS Code's growing community shares their secret sauce to improve your workflow.
- By default, VS Code auto-updates to new versions, and collects usage data and crash report information.

SYSTEM STUDY

1. **Existing System:**

- Customer have to visit store and purchase the product which is time and cost consuming.
- Sometimes customers themselves take heavy product from the store and no delivery facility provided by stores.
- Less verities shown in local stores so customer have to visit to different stores.
- Customers won't get coupons or additional discount on product purchased.

2. **Proposed System:**

- Customer buy the product from anywhere and anytime.
  So it's cost and time effective.
- Customer get additional discount by coupons on cart.
- Multiple options and verities available in product.
- Return and refund policy available.

3. **Scope of the proposed system:**

- Customer should register and log in.
- Need select and add one or more items into the cart.
- Apply filters and sorting on product.
- Place the order on given details.
- Should pay using specified methods.

4. **Aim and Objective of the Proposed System:**

- To protect and promote the interest of trade, commerce and industry.
- To unite people engaged in trade, commerce and industry for concerted action to protect and promote their common interests.
- Customer reaching, High sales, Products quality and on time delivery are some of the needs of any E-commerce business. And when we talk about its objectives so basically its objectives are for fulfilling its needs.

5. Feasibility Study:

Operational feasibility:

This is a website that will run on every browser. The user of this website will expect to buy furniture. To make sure that the user gets a hassle free buying experience, we made efforts in simplifying the user interface. For admin, we created a panel that has easy to insert, update and delete system. No specific training is required to use this system as it is straight-forward. This system is user friendly and hence there will be no problem for the user to carry out jobs. Hence this system is operationally feasible.

Technical feasibility:

This website is developed using PHP Core programming, MySQL, JavaScript programming and Ajax using jQuery & JavaScript library. As these technologies are supported by all modern browsers without any additional extensions to be installed, this is technically feasible to both develop and use.

Economic Feasibility:

Organization does not require managing inventory and sales report manually on paper, so that will help in savings.
Also does not require for more salesmen to describe products to the customers to theirplace, organization just required delivery persons to deliver the products.

SYSTEM ANALYSIS

1. Admin:

1.1. Login for Admin:

To access the system, Admin first need to login to system. They can able to login to system by providing correct username and password.

1.2. Manage Admin:

Admin can able to add new admin to distribute their work. And also keep tracking of old admin.

1.3. Manage Product Brands:

Admin can able to add or edit new or existing brand of the product. Also they can able to delete it.

1.4. Manage Customers:

Admin can able to see list of customers registered into their system.

1.5. Manage Customer Group:

Admin can able to add customers into different groups, so later on they can manage pricing of products according to the groups.

1.6. Manage Products:

Admin can able to manage category wise product. They can able to add/edit the new/existing products and also able to remove any product.

1.7. Manage Multi Level Categories:

Admin can able to manage multi level categories. They can able to add/edit any new/existing categories. And also they can able to remove it.

1.8. Manage Attributes:

Admin can able to manage attributes for category and products. They can able to add attributes and also able to remove it. They can also able to add/edit options for the attributes, if they have.

1.9. Manage CMS Pages:

Admin can able to manage CMS pages like about-us, contact-us. They can able to add/edit any page and also able to remove it.

1.10. Manage Payment and Shipment:

Admin can able to add/edit any new/existing payment and shipment methods. And also able to remove it.

2. Customer:

2.1. View catalogue:

Able to see the catalogue of the products available in the organization based on the categories with their image and description.

2.2. Add to cart:

Able to add and remove the products from the cart according to their convenience.

2.3. Checkout:

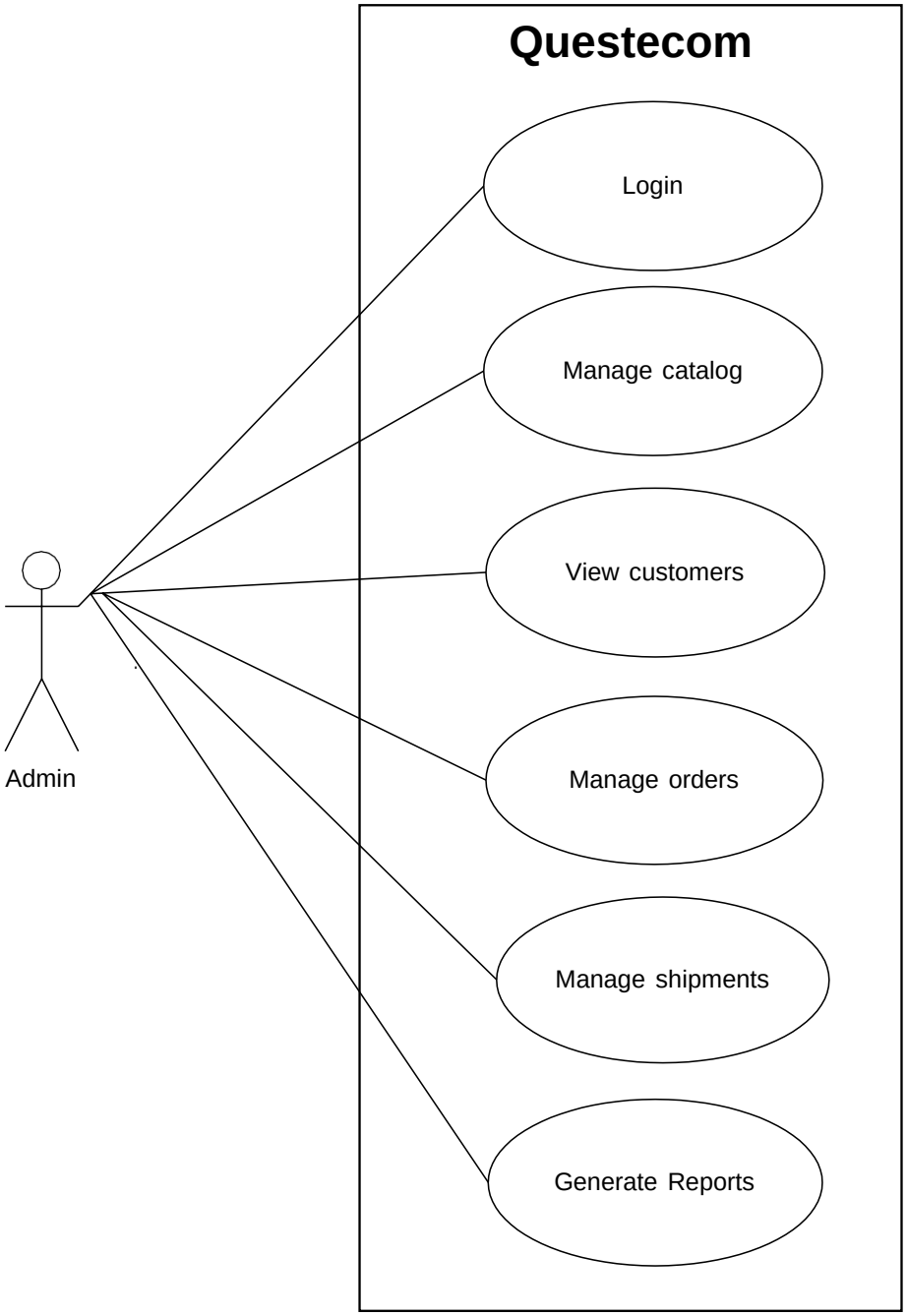
Able to see the payment types whether they want to go for cash on deliver or online payment.

2.4. Shipment:

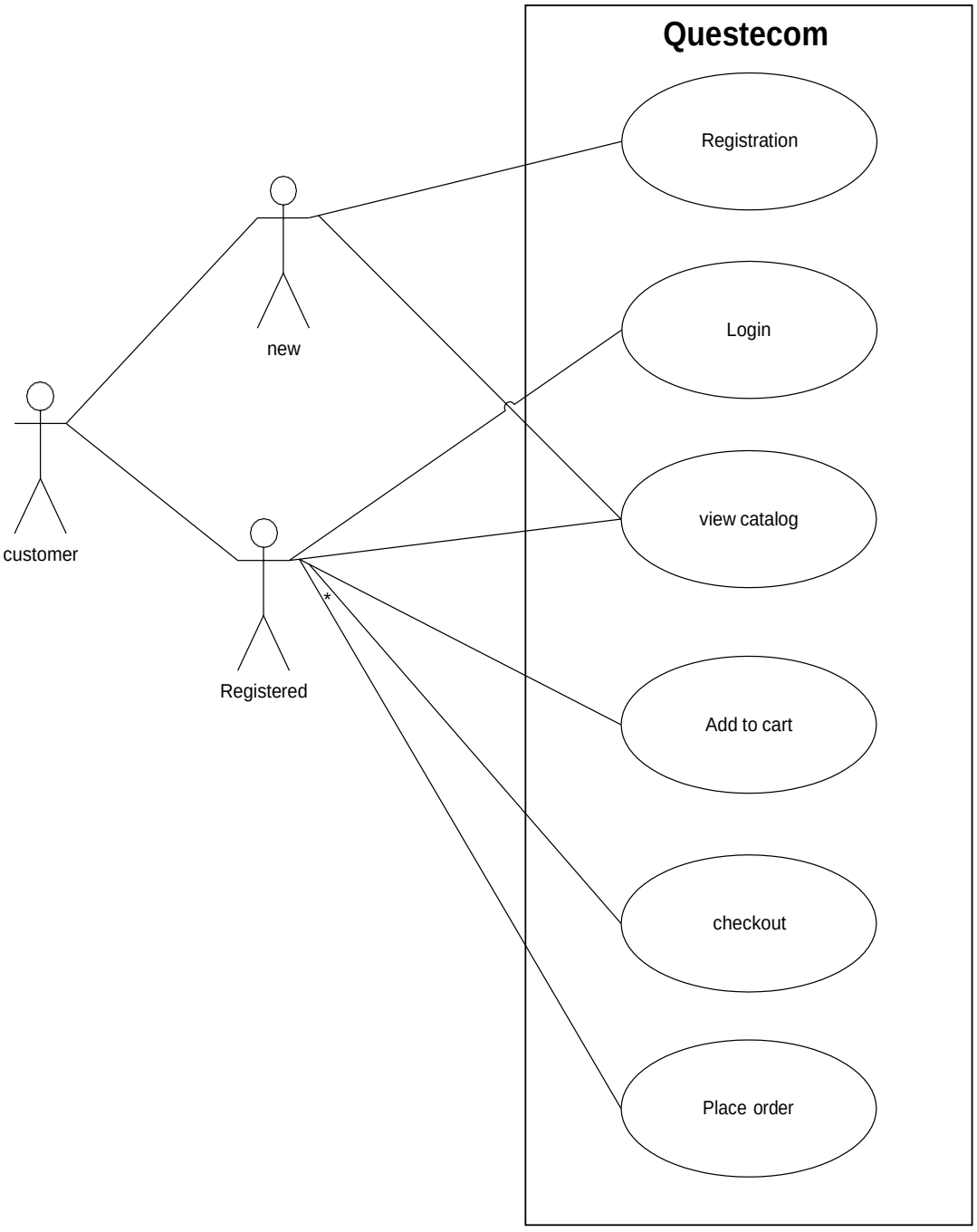
Able to select delivery days of the products so based on that shipping charge will be counted.

Usecase Diagram:

1. **Admin :**

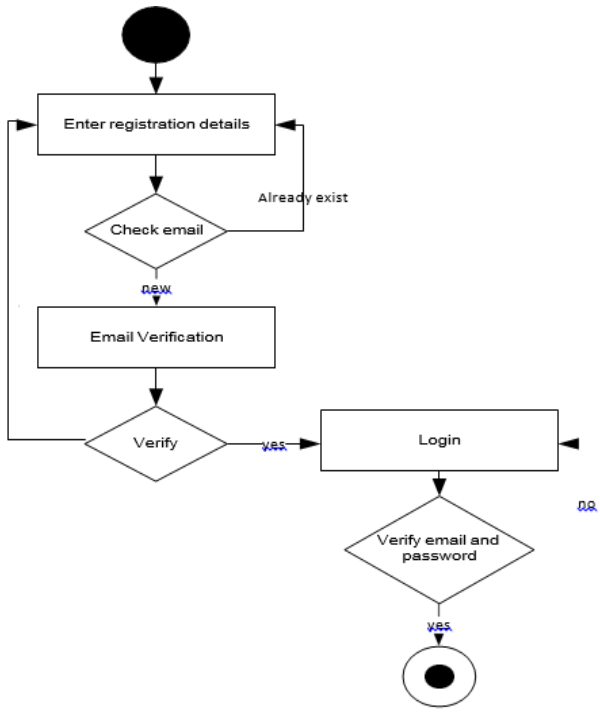


2. Customer :

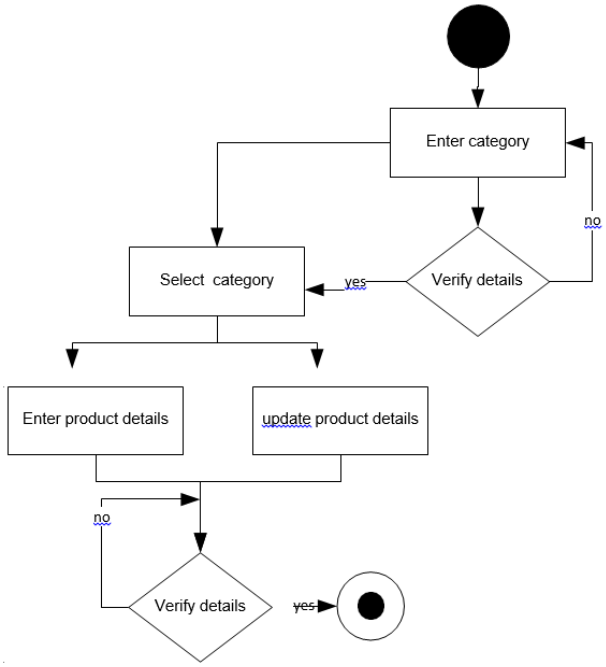

Questecom
Registration
Login
view catalog
Add to cart
checkout
Place order
new
customer
Registered
*

Activity Diagram:

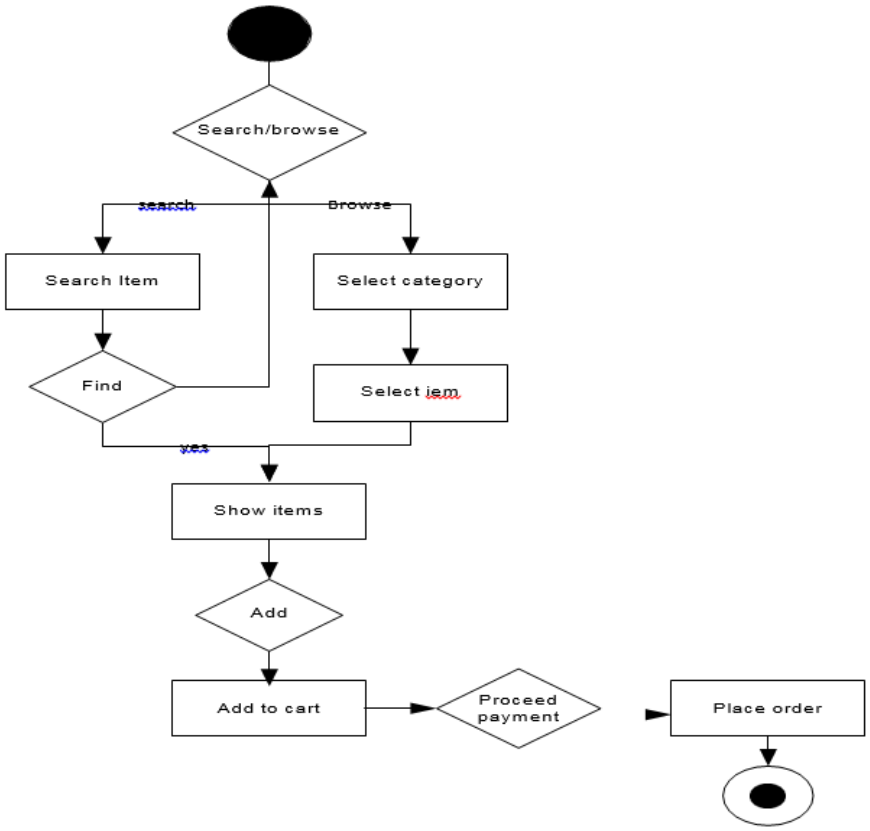
1. Login & Registration :



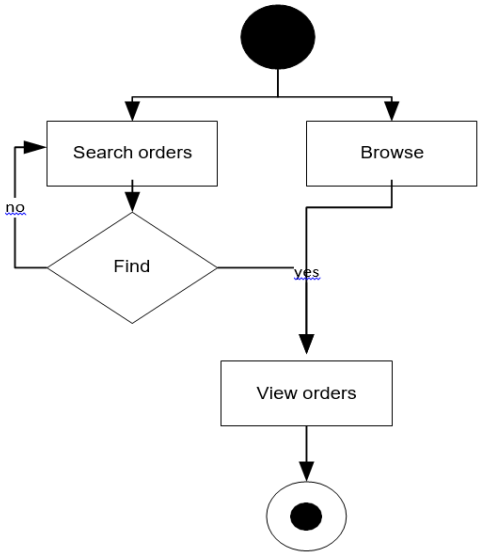
2. Manage catalog:



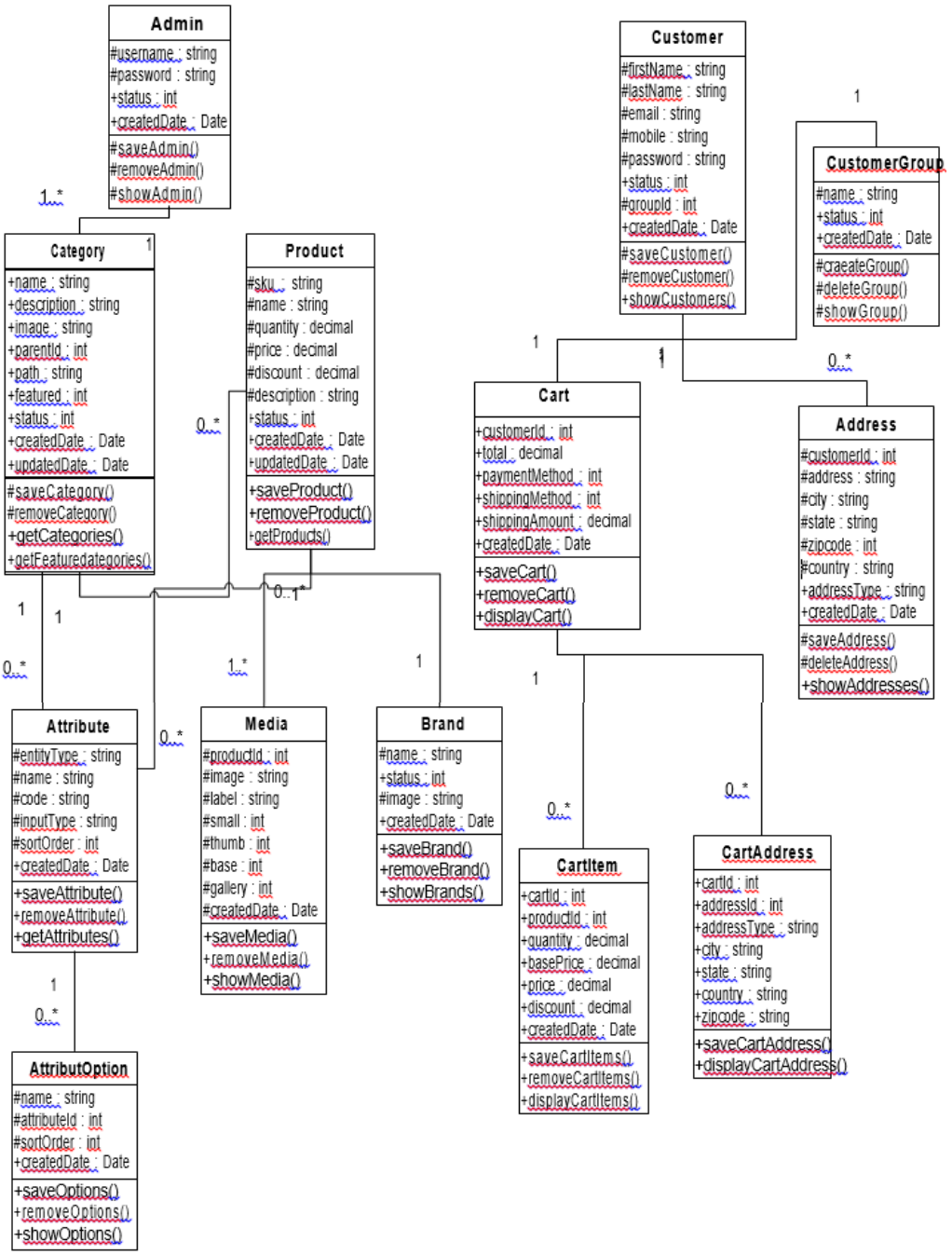
3. Make Order:



4. View Order:

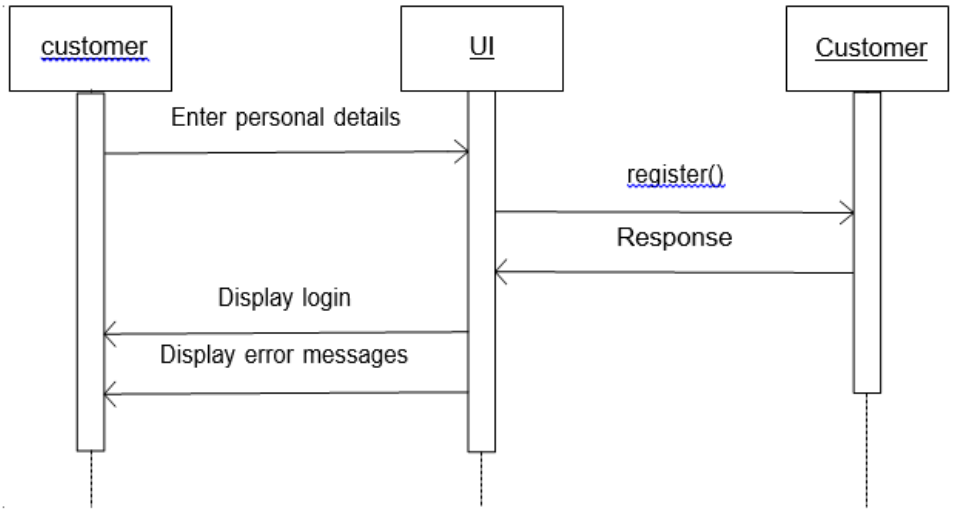


Class Diagram:

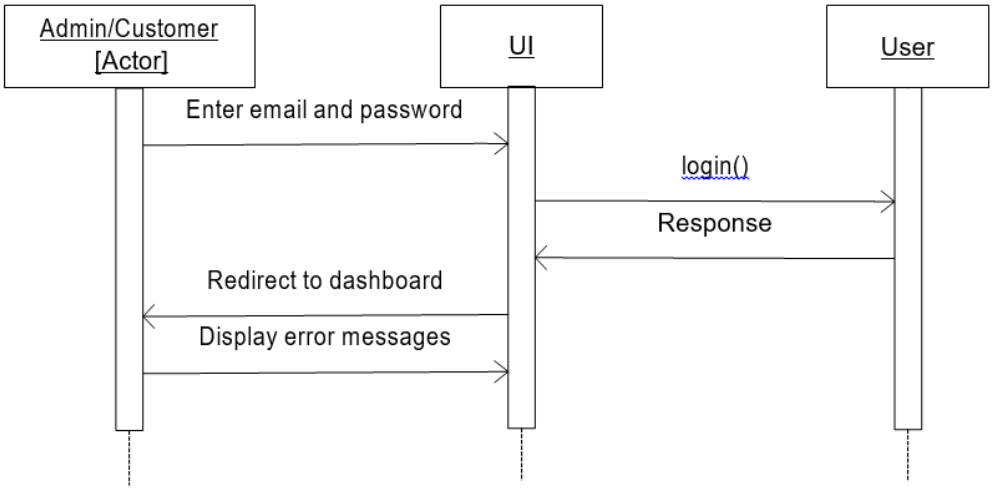


Sequence Diagram:

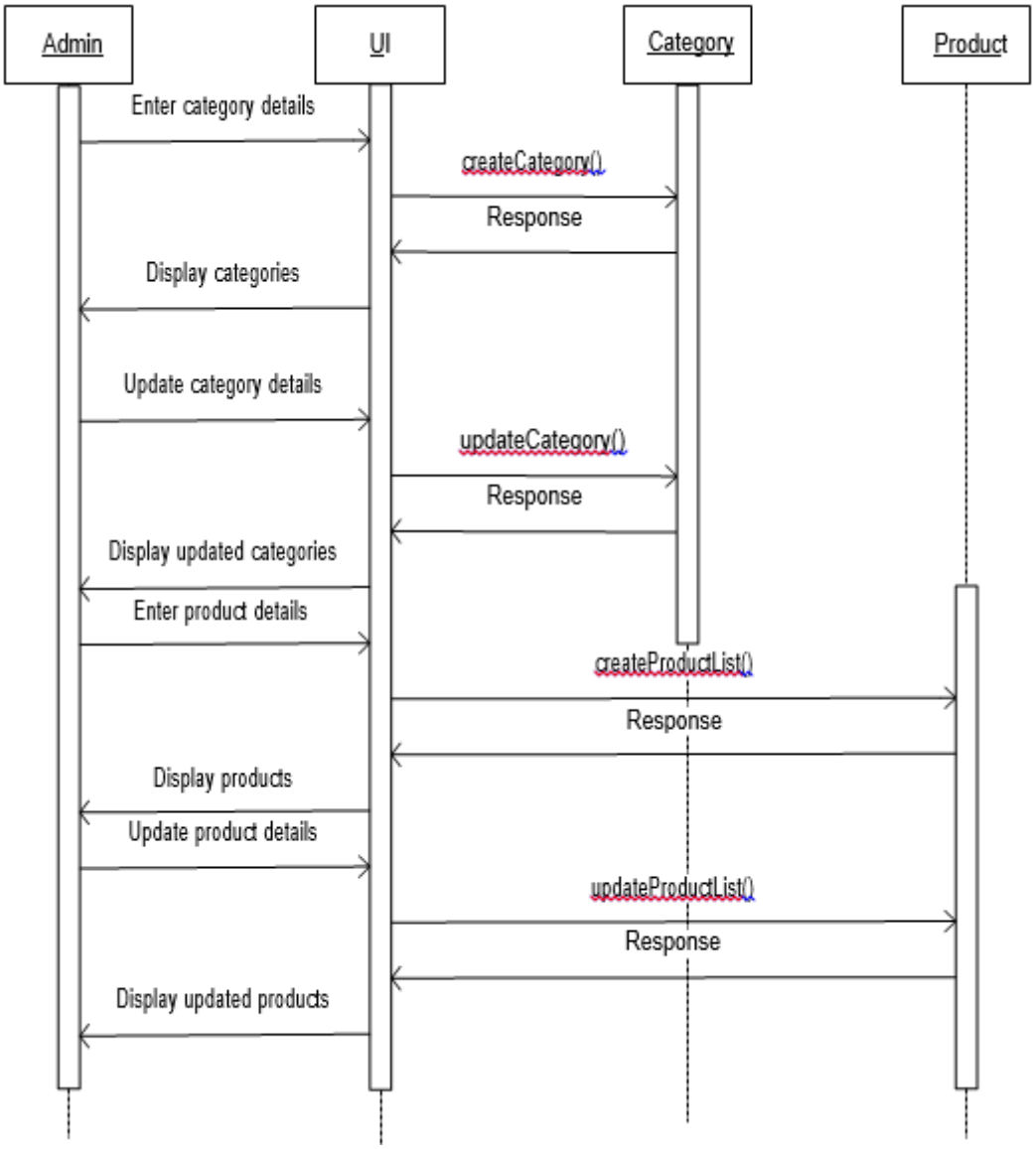
1. Registration:



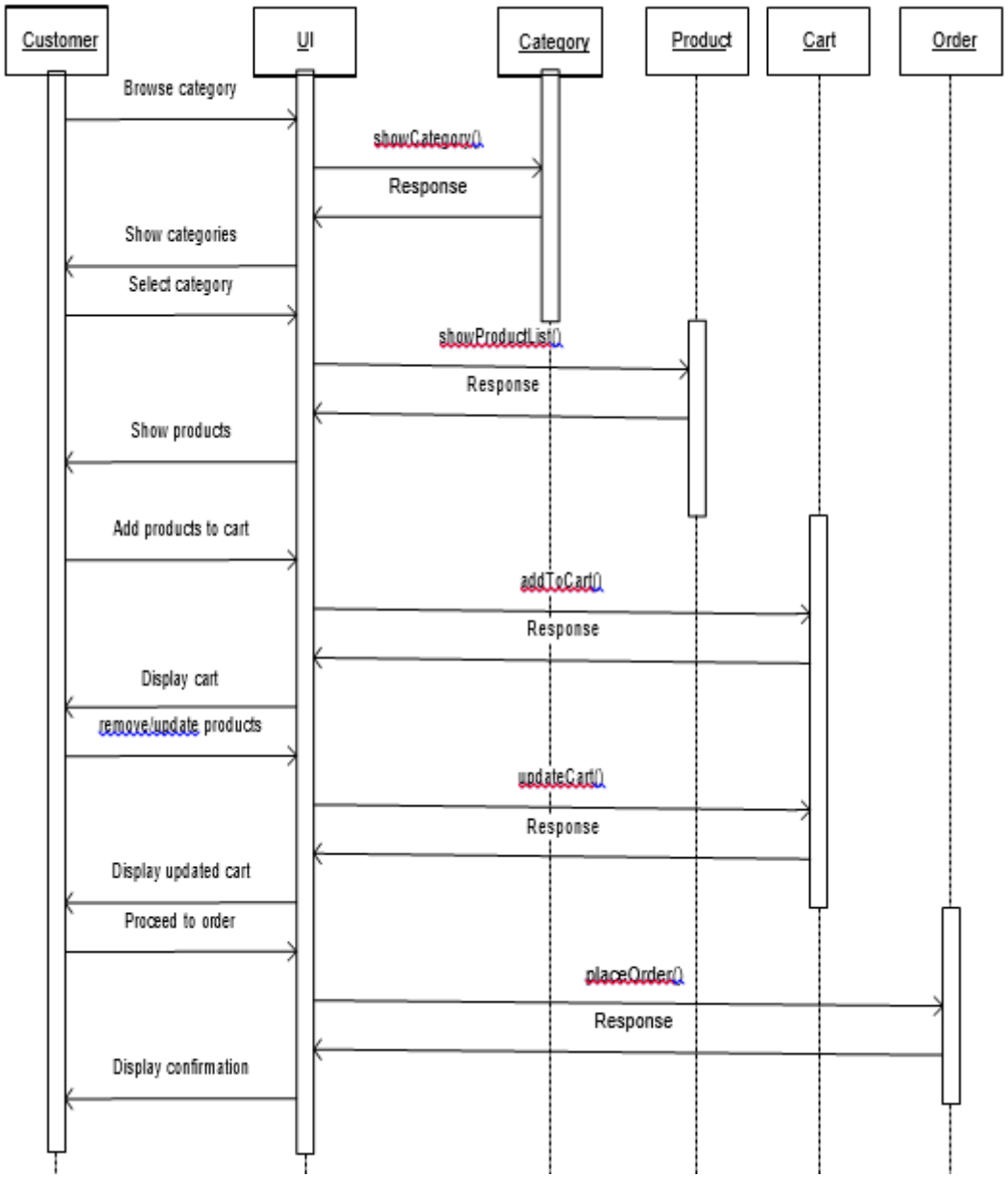
2. Login:



3. Manage Catalog



4. Customer Order



SYSTEM DESIGN

Data Dictionary:

1. Admin Table

Field Name	Data Type	Size	Constraint	Description
adminId	int	11	Primary Key	Admin id(Primary Key)
username	varchar	50	Not Null	Admin user name
password	varchar	255	Not Null	Admin password
status	tinyint	1	Not Null	Status of admin
createdDate	datetime		Not Null	Creation Date

2. Customer Table

Field Name	Data Type	Size	Constraint	Description
customerId	int	11	Primary Key	Customer id(Primary key)
firstName	varchar	50	Not Null	Customer first name
lastName	varchar	50	Not Null	Customer last Name
email	varchar	50	Not Null	Email address
mobile	int	11	NotNull	Mobile number
password	varchar	255	Not Null	Password
status	tinyint	1	NotNull	Customer Status
groupId	int	11	Allow Null	Indicate user group (Foreign key)
createdDate	datetime		Not Null	Creation Date

3. Customer Group Table:

Field Name	Data Type	Size	Constraint	Description
groupId	int	11	Primary Key	Customer Group id (Primary key)
name	varchar	50	Not Null	Group name
status	tinyint	1	Not Null	Status of customer group
createdDate	datetime		Not Null	Creation Date

4. Address Table

Field Name	Data Type	Size	Constraint	Description
addressId	int	11	Primary Key	Address id(Primary key)
customerId	int	11	Foreign Key	Customer id
address	varchar	255	Not Null	Address
city	varchar	50	Not Null	City
state	varchar	50	NotNull	State
zipcode	int	11	Not Null	Zip code
country	varchar	50	NotNull	Country
addressType	varchar	20	Allow Null	Billing Address/ShippingAddress
createdDate	datetime		Not Null	Creation Date

5. Category Table:

Field Name	Data Type	Size	Constraint	Description
categoryId	int	11	Primary Key	Category id (Primary key)
category_name	varchar	50	Not Null	Category name

description	text	-	Not Null	Description
image	text	-	Not Null	Image of category
parentCategoryId	int	11	Not Null	Parent category id
path	varchar	40	Default : 0	Path of parent – child category
featured	tinyint	1	Not Null	Yes/No
status	tinyint	1	Not Null	Available/Not Available
createdDate	datetime	-	Not Null	Creation Date
updatedDate	datetime	-	Not Null	Updation Date

6. Brand Table:

Field Name	Data Type	Size	Constraint	Description
brandId	int	11	Primary Key	Brand id (Primary key)
name	varchar	50	Not Null	Brand name
status	tinyint	1	Not Null	Status of Brand
image	text	-	Not Null	Image of Brand
createdDate	datetime		Not Null	Creation Date

7. Product table

Field Name	Data Type	Size	Constraint	Description
productId	int	11	Primary Key	Product id (Primary key)
sku	int	11	Not Null	Indicate category (Foreign key)
name	varchar	50	Not Null	Product name
quantity	decimal	10,2	Not Null	Quantity of product
price	decimal	10,2	NotNull	Price of product
discount	decimal	10,2	Not Null	Discount of product
description	text		Not Null	Description of product

status	Int		NotNull	status of product
createdDate	datetime	-	NotNull	Date on which product uploaded
updatedDate	datetime	-	Not Null	Date on which product updated

8. Product_Category table:

Field Name	Data Type	Size	Constraint	Description
Product_category_id	int	11	Primary Key	Product category id (Primary key)
productId	int	11	Foreign Key	Product id
categoryId	int	11	Foreign Key	Category id
createdDate	datetime		Not Null	Creation Date

9. Customer_Group_price table:

Field Name	Data Type	Size	Constraint	Description
entityId	int	11	Primary Key	Entity id (Primary key)
productId	int	11	Foreign Key	Product id
groupId	int	11	Foreign Key	Customer Group id
groupPrice	decimal	10,2	Not Null	Group price
createdDate	datetime		Not Null	Creation Date

10. Attribute Table:

Field Name	Data Type	Size	Constraint	Description
attributeId	int	11	Primary Key	Attribute id (Primary key)
entityType	enum('Product',	-	Not Null	Entity type product/categor

	'Catgory')			y
name	varchar	50	Not Null	Attribute name
code	varchar	50	Not Null	Attribute Code
inputType	varchar	50	Not Null	Input type of attribute
sortOrder	int	4	Not Null	Sort order
createdDate	datetime	-	Not Null	Creation Date

11. Attribute_option Table:

Field Name	Data Type	Size	Constraint	Description
optionId	int	11	Primary Key	Attribute Option id (Primary key)
name	varchar	50	Not Null	Option name
attributeId	int	11	Foreign Key	Attribute id
sortOrder	int	4	Not Null	Sort order
createdDate	datetime		Not Null	Creation Date

12. Media table:

Field Name	Data Type	Size	Constraint	Description
mediaId	int	11	Primary Key	Media id (Primary key)
productId	int	11	Foreign Key	Indicate Product (Foreign key)
image	text	-	Not Null	Product image
label	varchar	50	Not Null	Label of image
small	tinyint	1	NotNull	Small Image
thumb	tinyint	1	Not Null	Thumbnail Image
base	tinyint	1	Not Null	Base Image

gallery	tinyint	1	NotNull	Images for gallery
createdDate	datetime	-	NotNull	Date on which product image uploaded

13. Cart table

Field Name	Data Type	Size	Constraint	Description
cartId	int	11	Primary Key	Cart id (Primary Key)
customerId	int	11	Not Null	Indicate customer (Foreign key)
total	decimal	10,2	Not Null	Total amount
paymentMethodId	int	11	Not Null	Payment Method
shippingMethodId	int	11	Not Null	Shipping Method
shippingAmount	decimal	10,2	Not Null	Shipping charges
createdDate	datetime	-	Not Null	Creation date

14. Cart Item Table:

Field Name	Data Type	Size	Constraint	Description
cartItemId	int	11	Primary Key	Cart item id (Primary Key)
cartId	int	11	Foreign Key	Indicate cart (Foreignkey)
productId	int	11	Not Null	Product Id
quantity	int	4	Not Null	Quantity of product

basePrice	decimal	10,2	Not Null	Base price of product
price	decimal	10,2	Not Null	Total price
discount	decimal	10,2	Not Null	discount
createdDate	datetime	-	Not Null	Creation date

15. Cart Address table:

Field Name	Data Type	Size	Constraint	Description
cartAddressId	int	11	Primary Key	Cart Address id (Primary Key)
cartId	int	11	Foreign Key	Indicate cart (Foreignkey)
addressId	int	11	Not Null	Address Id
addressType	int	4	Not Null	Address Type Billing/Shipping
city	varchar	50	Allow Null	City
state	varchar	50	Allow Null	State
country	varchar	50	Allow Null	Country
zipcode	int	6	Allow Null	Zipcode

16. CMS Page table:

Field Name	Data Type	Size	Constraint	Description
pageId	int	11	Primary Key	Page id (Primary key)
title	varchar	100	Not Null	Page Title
Identifier	varchar	100	Not Null	Page Identifier
content	text	-	Not Null	Page Content
status	tinyint	1	Not Null	Status of page
createdDate	datetime	-	Not Null	Creation Date

17. Payment Method Table:

Field Name	Data Type	Size	Constraint	Description
paymentMethodId	int	11	Primary Key	Payment method id (Primary key)
name	varchar	50	Not Null	Method name
code	varchar	50	Not Null	Method code
description	text	-	Not Null	description
status	tinyint	1	Allow Null	Status
createdDate	datetime	-	Not Null	Creation date

18. Shipping Method Table:

Field Name	Data Type	Size	Constraint	Description
shippingMethodId	int	11	Primary Key	Shipping method id (Primary key)
name	varchar	50	Not Null	Method name
code	varchar	50	Not Null	Method code
amount	int	11	Not Null	Shipping charges
description	text	-	Not Null	description
status	tinyint	1	Allow Null	Status
createdDate	datetime	-	Not Null	Creation date

SCREEN LAYOUT

Admin Panel:

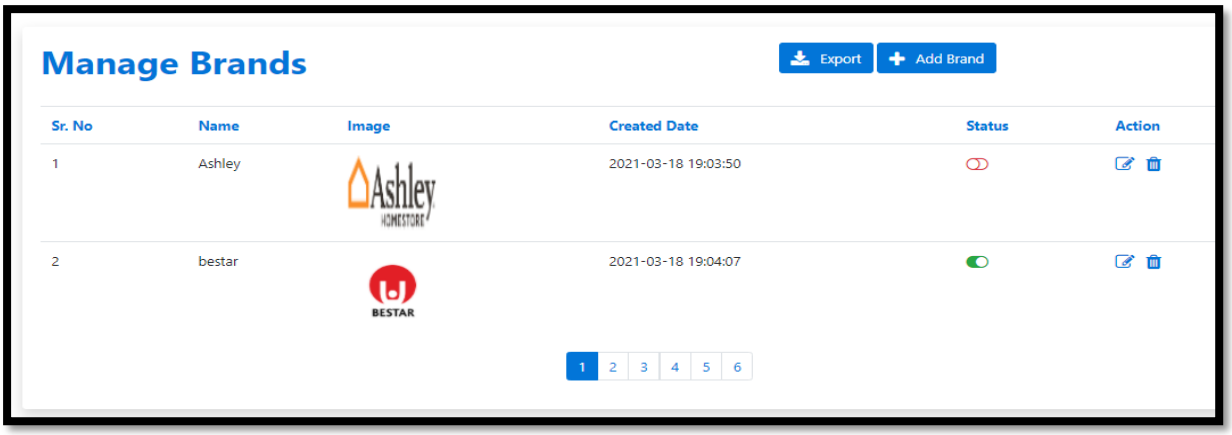
Login

Here, admin can able to login to the system by providing correct username and password. Ifboth are correct then admin will be redirect to dashboard.

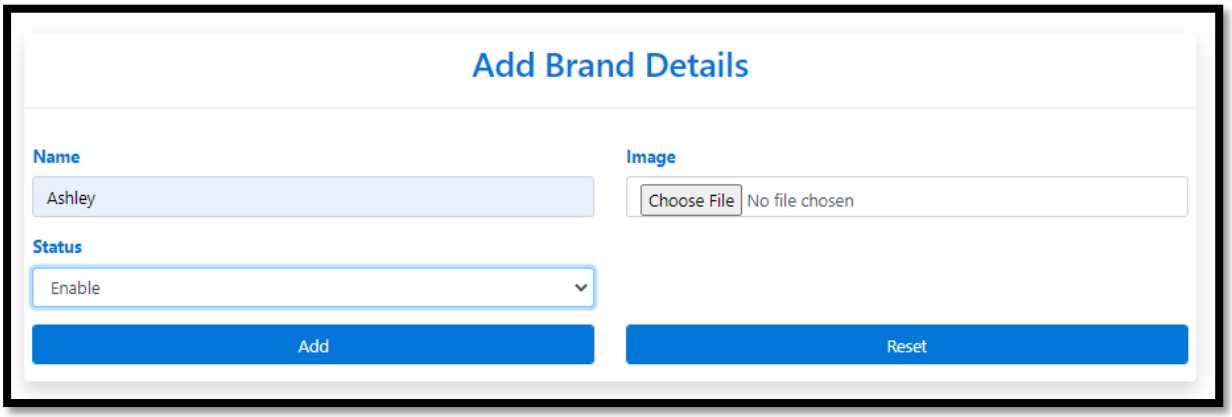
Dashboard:

After successful login admin will redirect to dashboard where he/she can able to see numberof customers, products and categories available into the system.

Brand Listing:



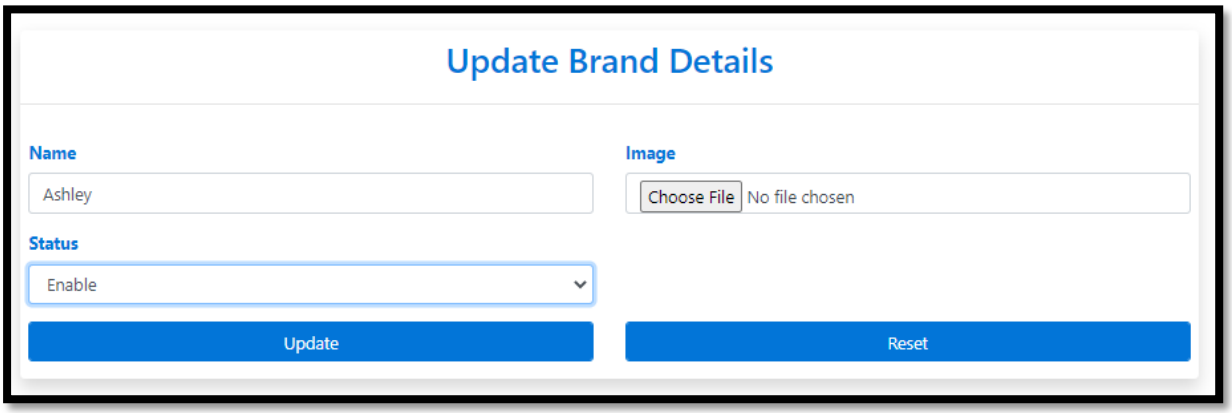
Here, admin can able to see list of brands whose products they are selling.



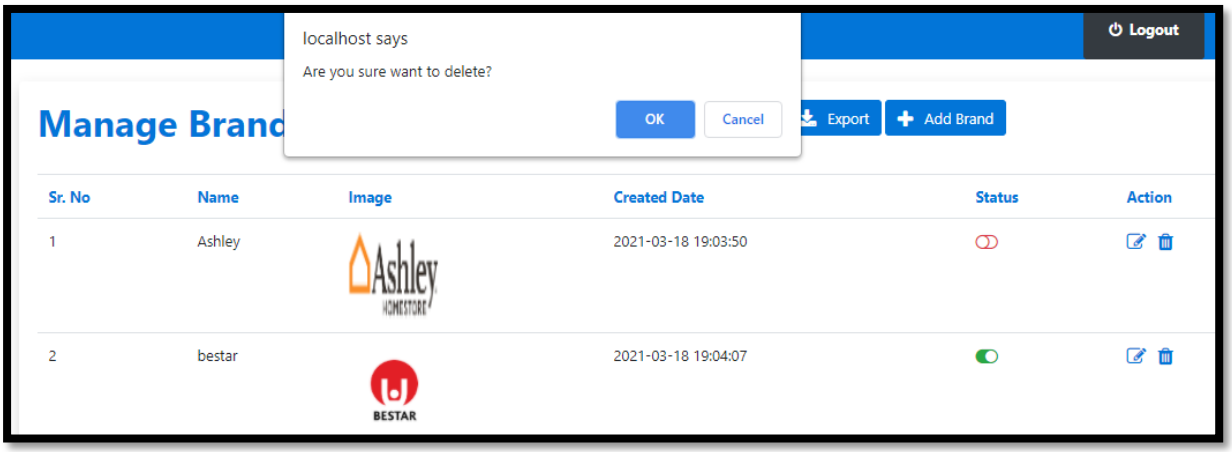
Add Brand:

Here, admin can able to add new brand by providing details like image, name and status.

Update Brand:



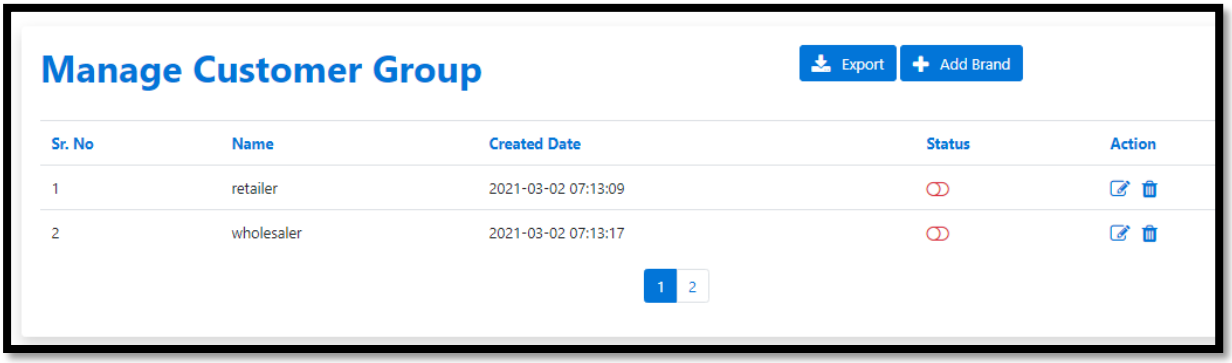
Here, Admin can able to update any existing brand detail like their name or image.



Delete Brand:

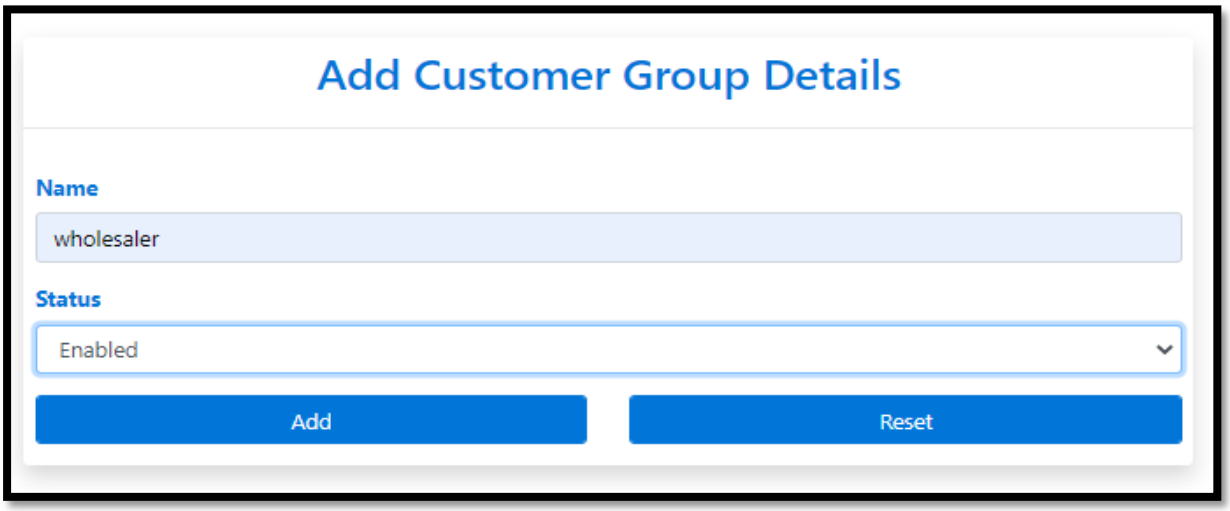
Here, admin can able to delete brand by clicking on delete button. Once admin clicks on okbutton brand will be deleted from system.

Customer Group List:



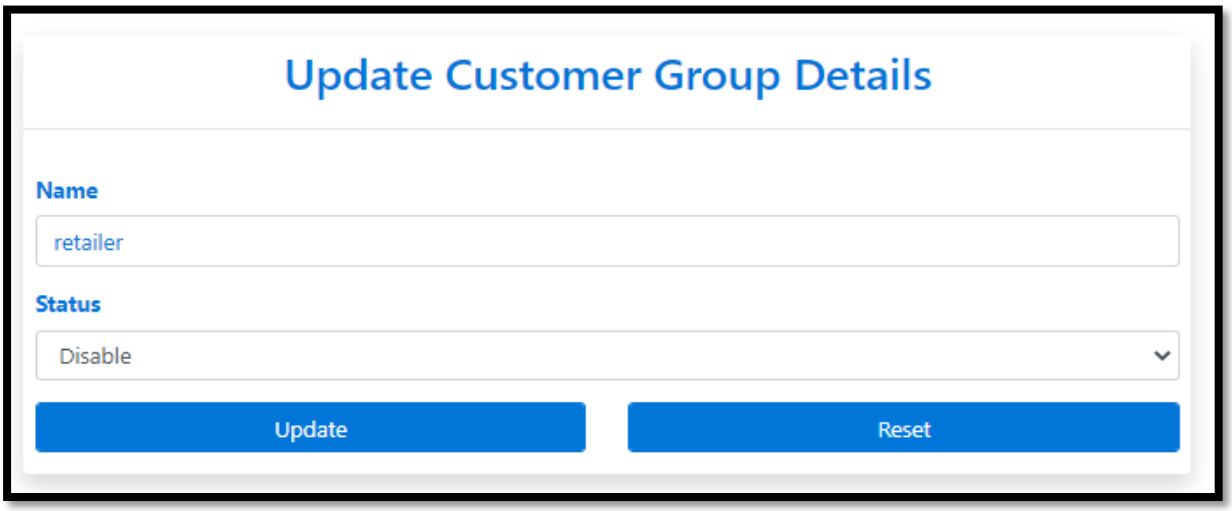
Here, admin can able to see list of customer groups created into the system.

Add Customer Group:

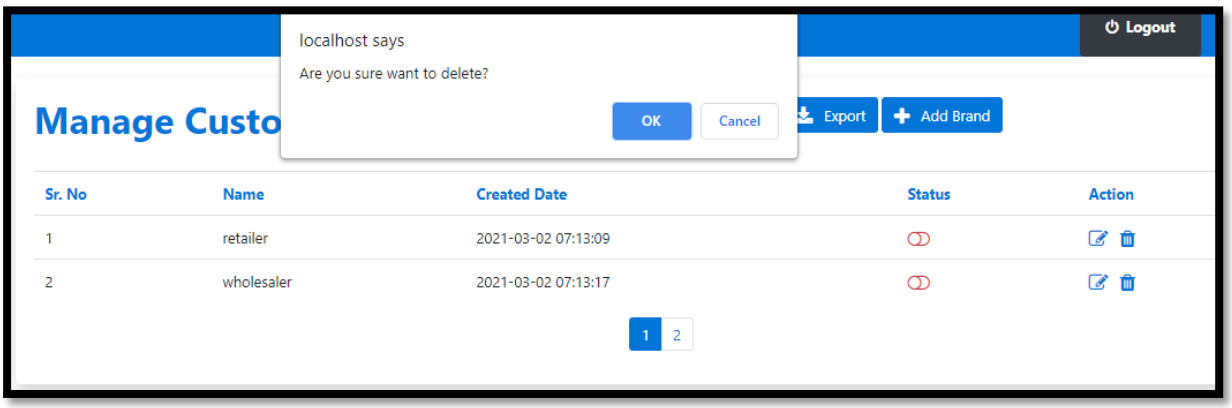


Here, admin can able to add new customer group by providing group name.

Edit Customer Group:



Here, admin can able to update existing customer group details.

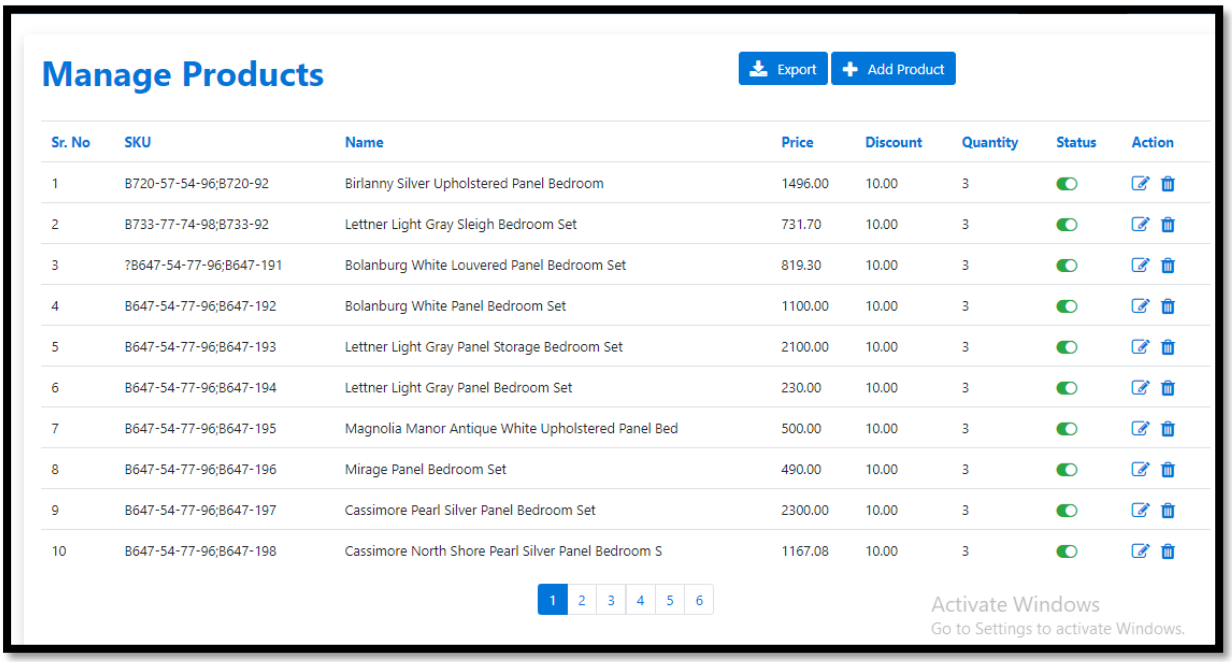


Delete Customer Group:

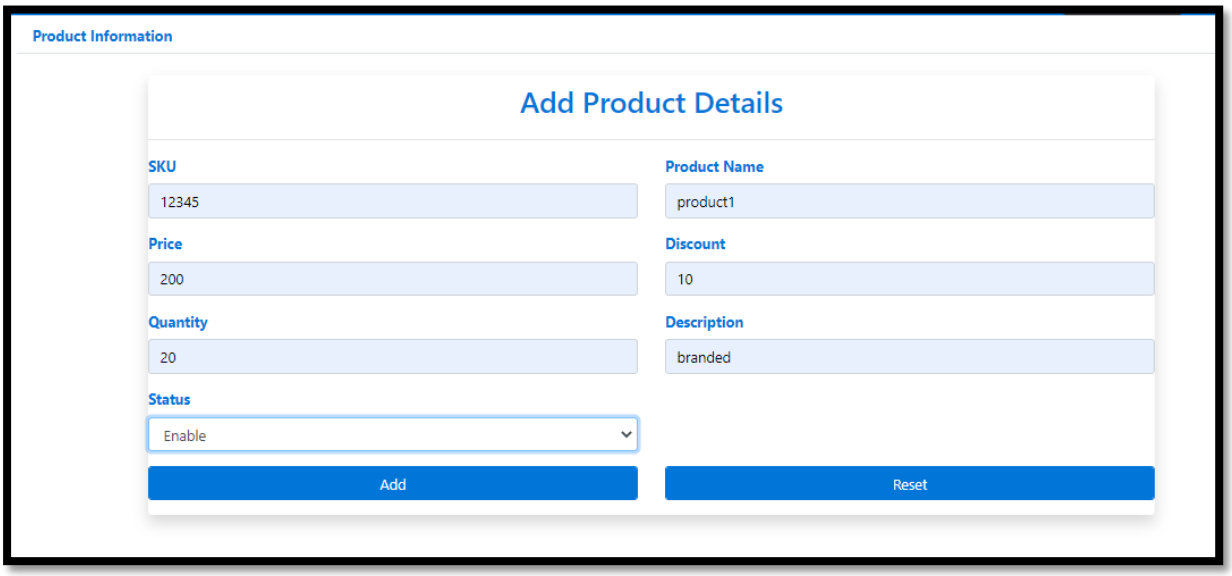
Here, admin can able to delete Customer group by clicking on delete button. Once

adminclicks on ok button brand will be deleted from system.

Product Listing:



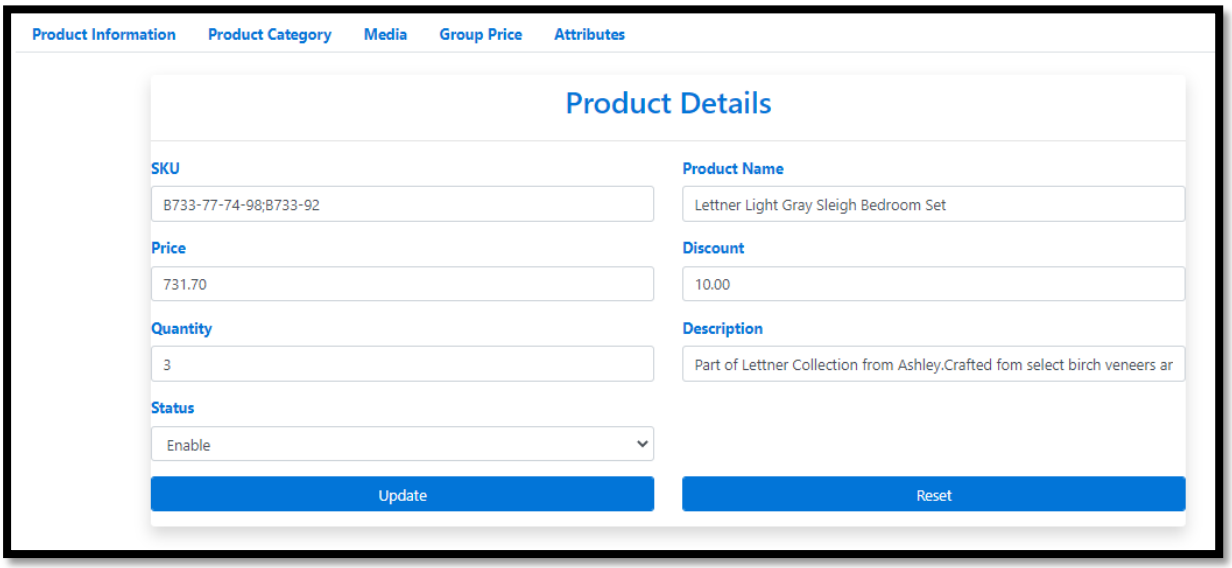
Here, Admin can able to see list of products added into system. By clicking on status buttonthey can able to change the status of product.



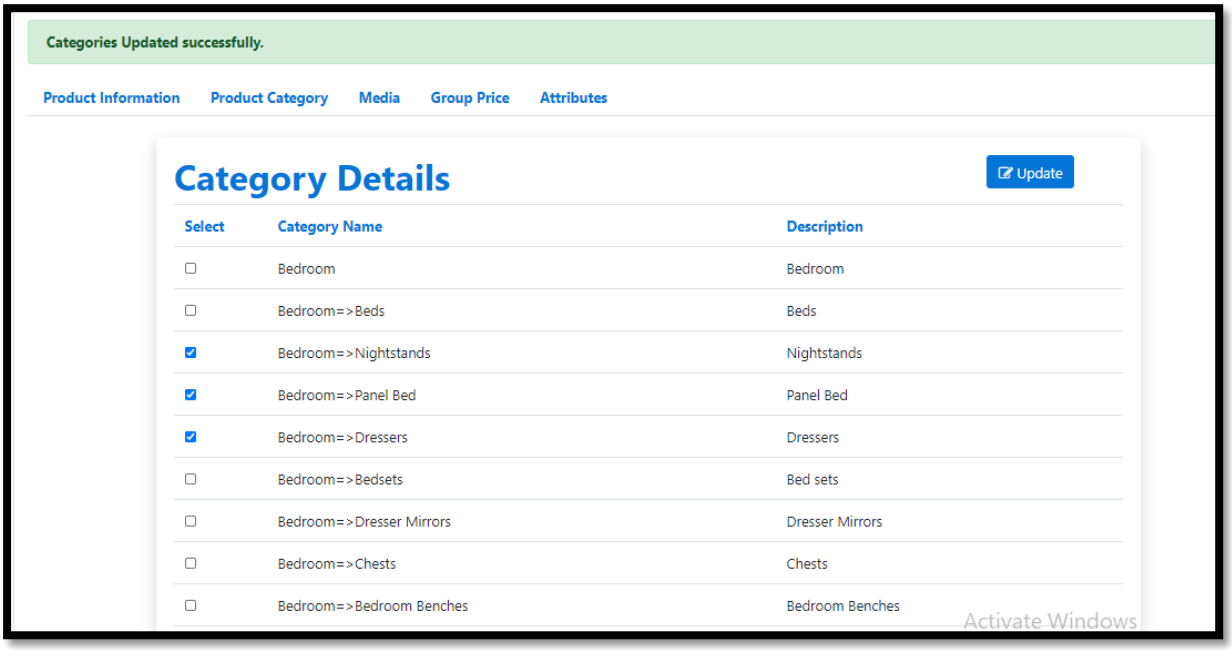
Add Product:

Here admin can able to add product details by clicking on add button on listing page.Once theproduct is added it will be redirected to listing page.

Update Product:



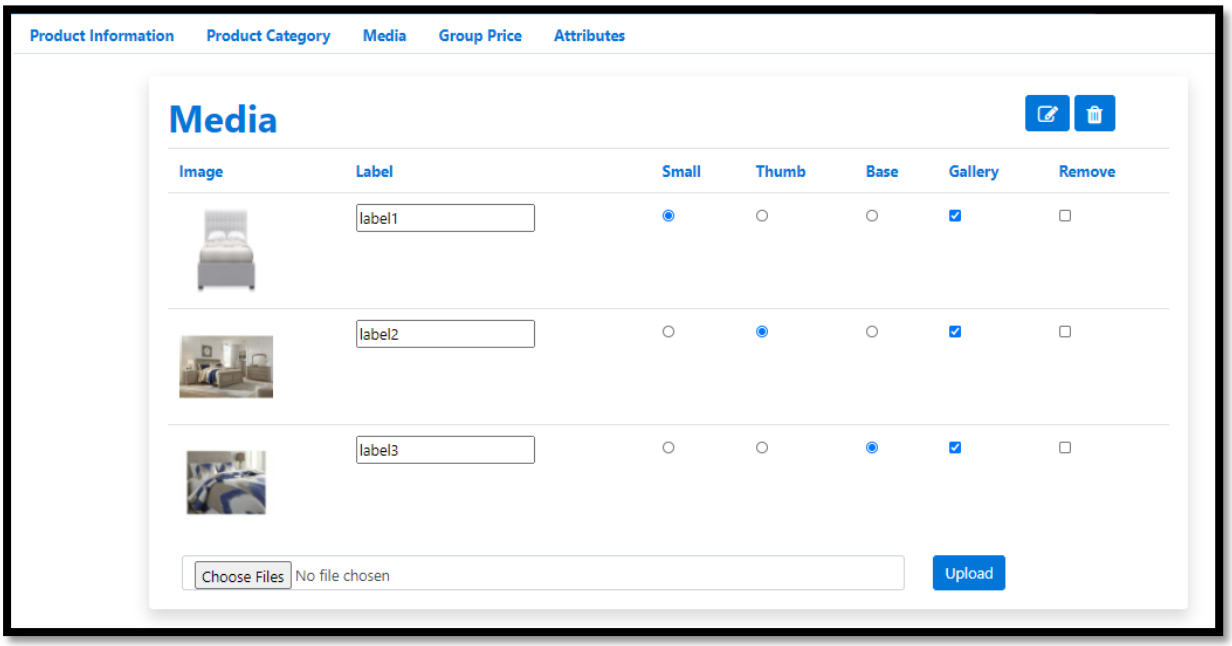
Here admin can able to update product details by clicking on add button on listing page. Oncethe product is added it will be redirected to listing page.



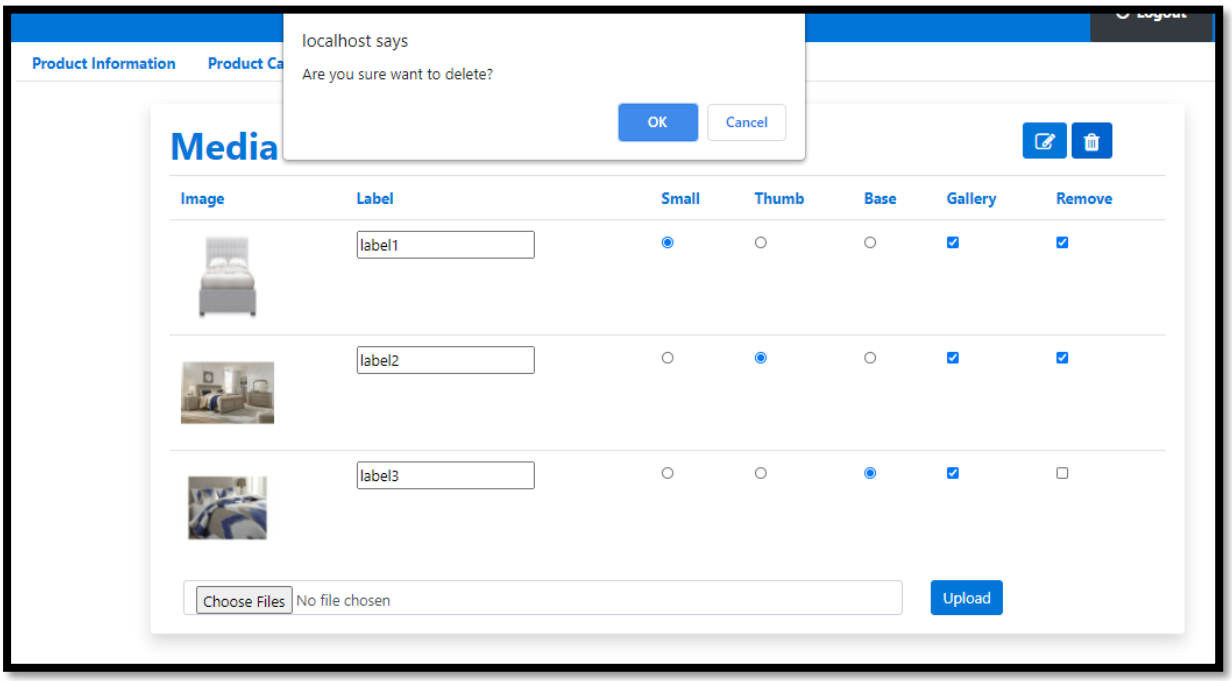
Product Category:

Here, admin can able to assign categories to product. One product can have multiple categories.

Media:



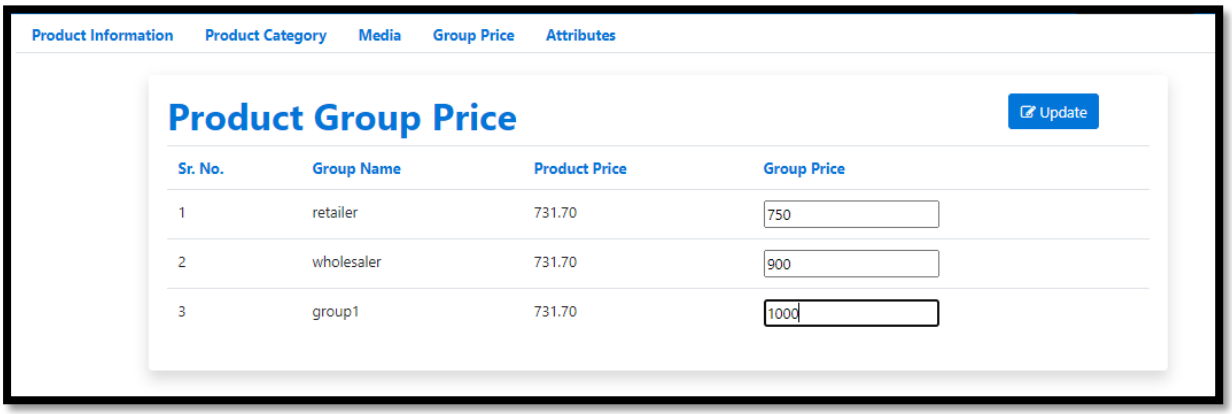
Here, admin can able to upload images of the product by selecting images and click on upload button. They can also able to update other details from the grid like label gallery etc. by simply click on edit button.



Delete Media:

Here, admin can able to delete multiple media images of the product by checking out the checkboxes and click on delete button. It will ask confirmation, once admin clicks on okbutton media images will be deleted from the system.

Group Price:

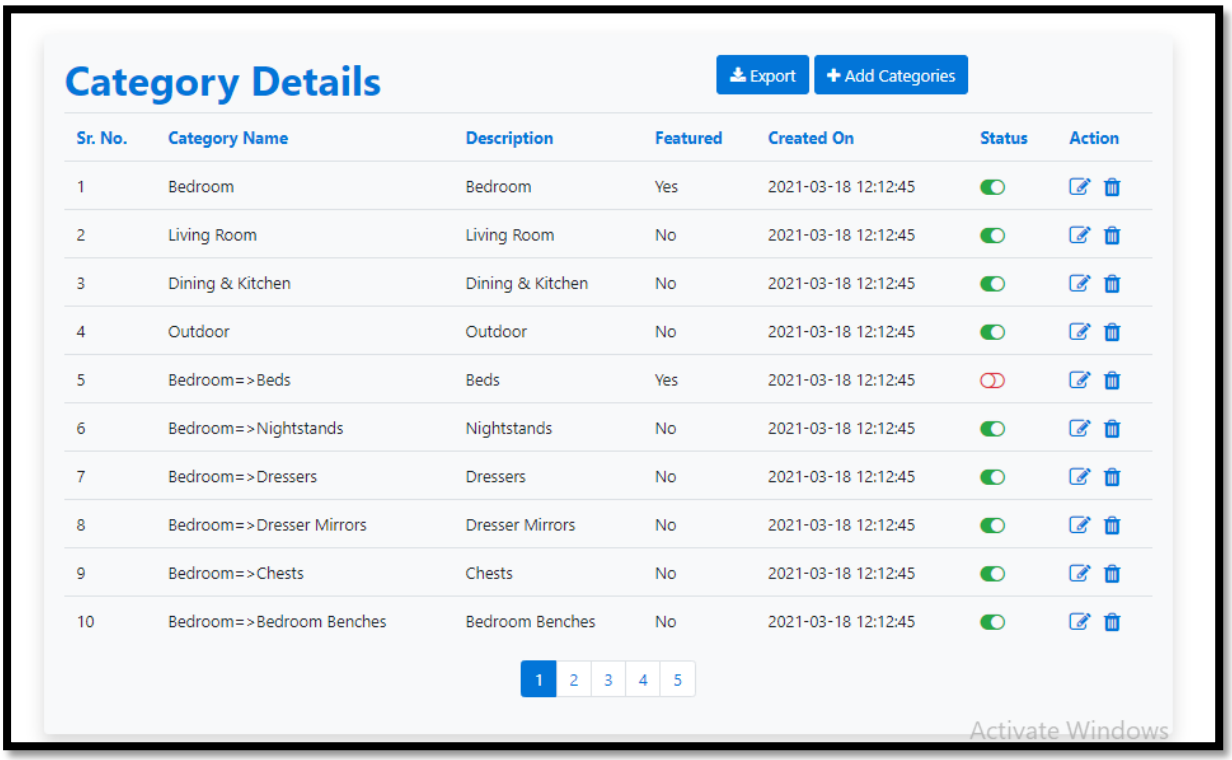


Here, admin can able to add/edit price of product for the different customer group.

Product Attribute:

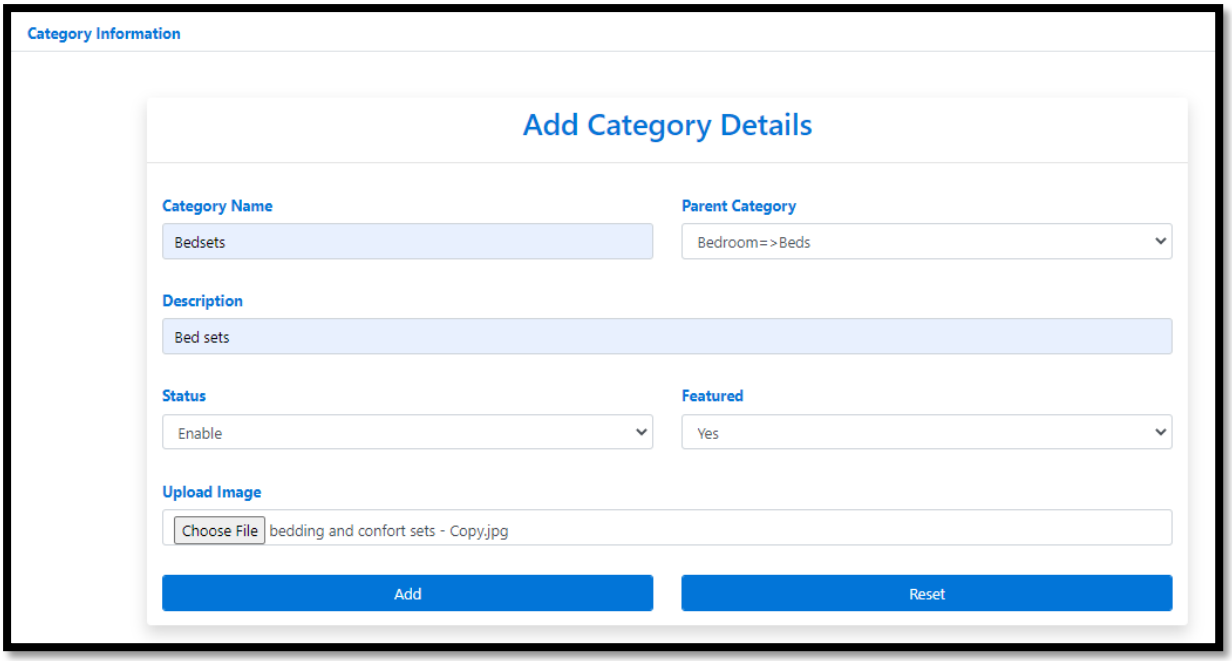
Here, admin can able to see list of attributes created for the category. And also able to setattributes for each category.

Category List:



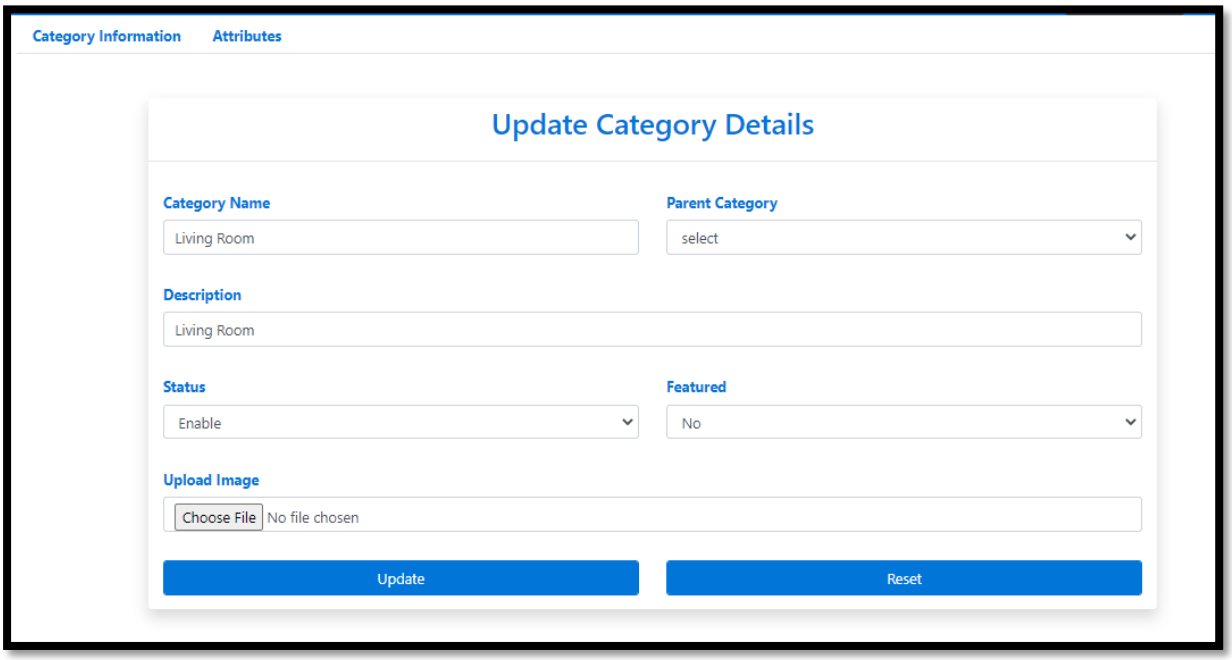
Here admin can able to see list of categories list with their parent category name.

Add Category:

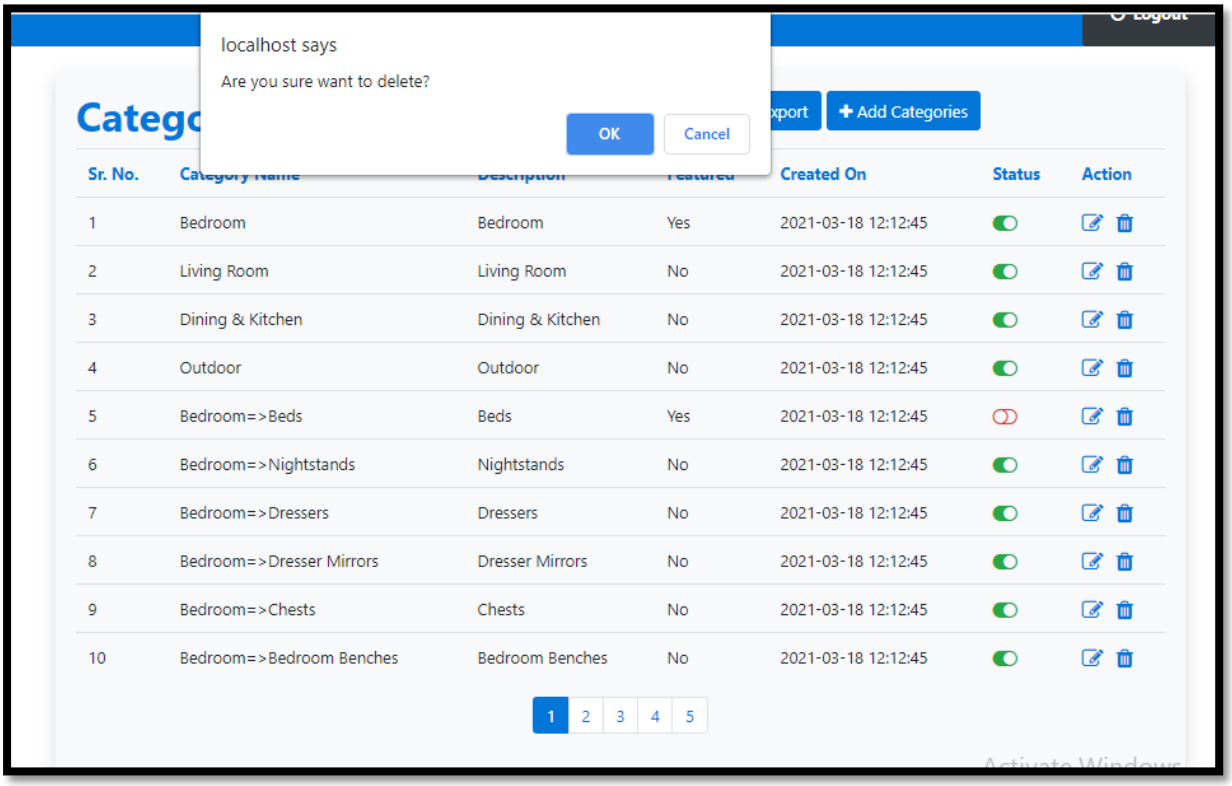


Here admin can able to add category details and also select their parent category if there isany. Here all categories list will be shown to admin.

Update Category:



Here admin can able to update category details and also its parent category. Except selectedcategory and its child category all the other categories list will be shown in the list. And if here admin modify its parent category then selected products child category will also be modified.

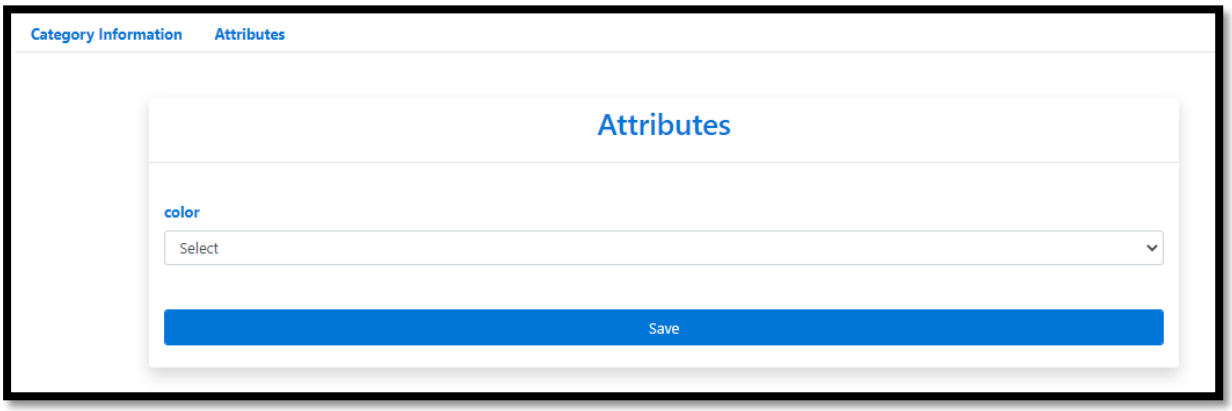


Delete Category:

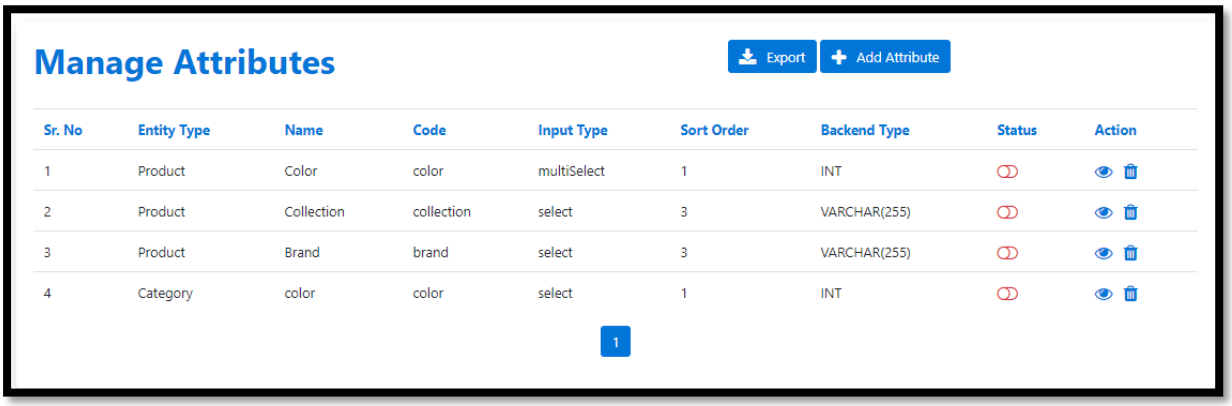
When admin clicks on delete button the above confirmation will be asked. If admin

clicks onok button then only category will be deleted from list.

Attribute:

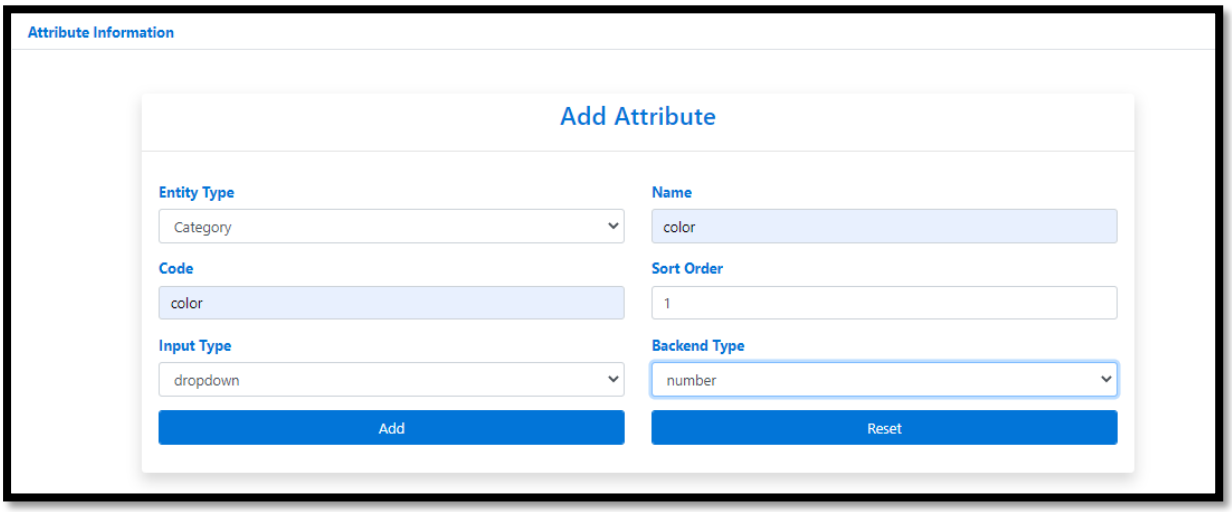


Here, admin can able to see list of attributes created for the category. And also able to setattributes for each category.

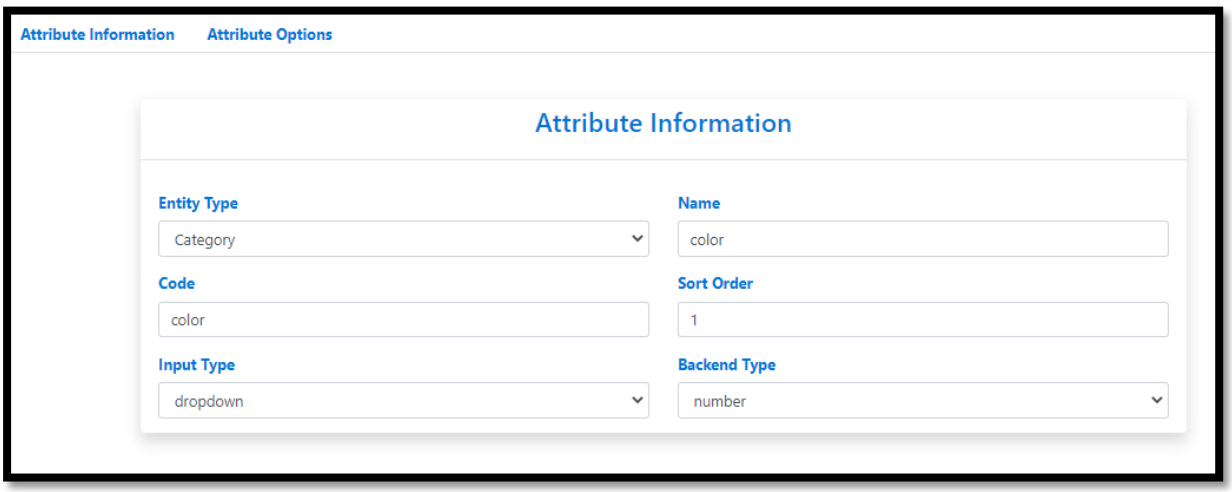


Attribute List:

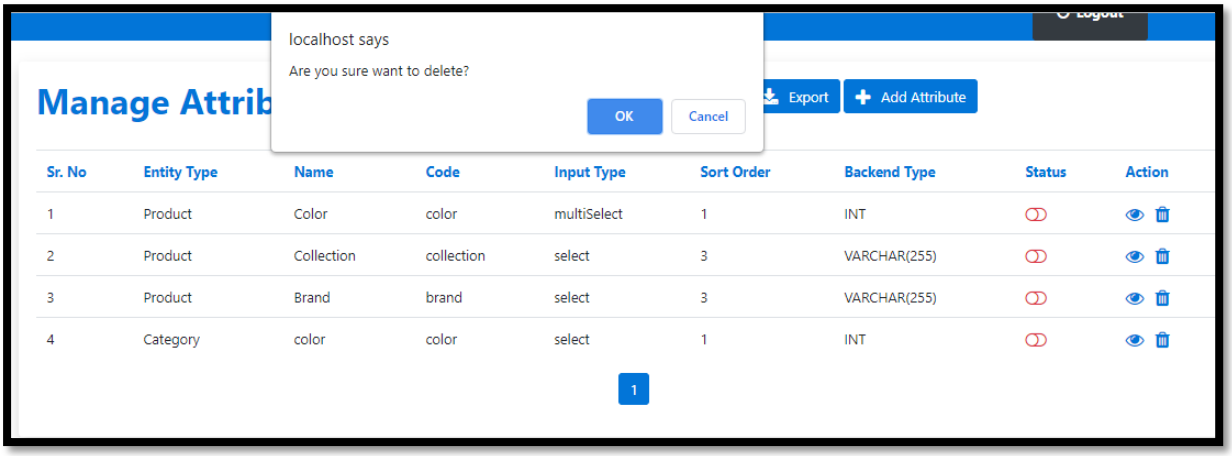
Here, admin can able to see list of attributes added for a product or category.



View Attribute:



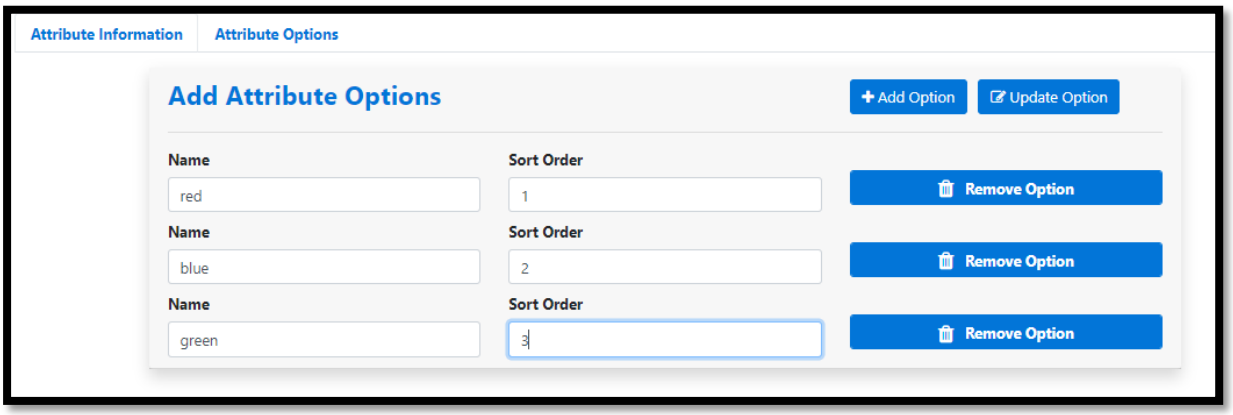
Here, admin can able to view details of attributes added for category or products.



Delete Attribute:

Here, admin can able to delete attribute of category/product. Once the attribute is deleted, theattribute field from the entity table will also be deleted.

Add Options:



Here, admin can able to add attribute options for the attribute if type of attribute is dropdownor multi select.

Customer List:

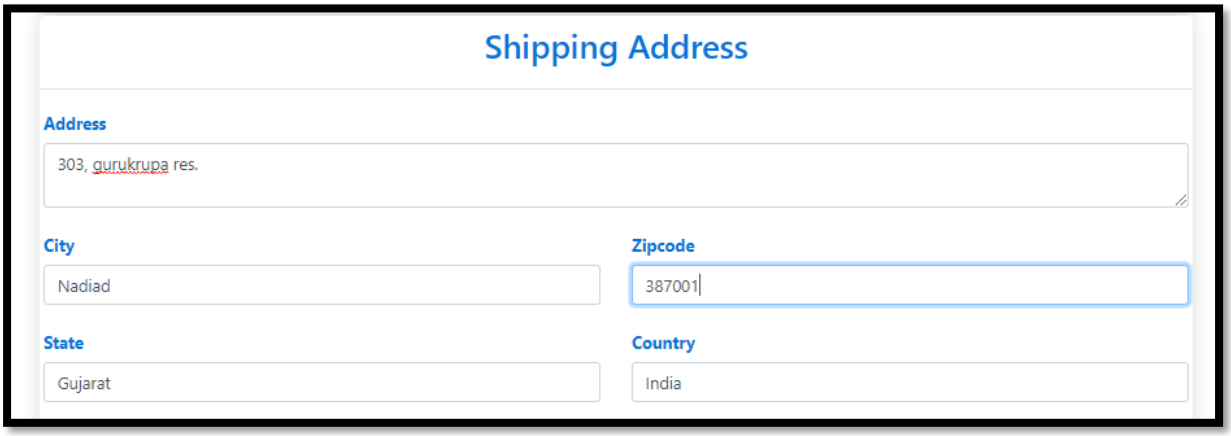
Customer Details

Sr. No.	Group Name	First Name	Last Name	Email	Mobile Number	Pincode
1	retailer	Saloni	Sindhi	saloni@gmail.com	2147483647	12345
2	retailer	Saloni	Sindhi	saloni@gmail.com	2147483647	123456
3	wholesaler	Saloni	Sindhi	saloni@gmail.com	2147483647	

Here, admin can able to see list of customers available into the system.

Customer Billing Address:

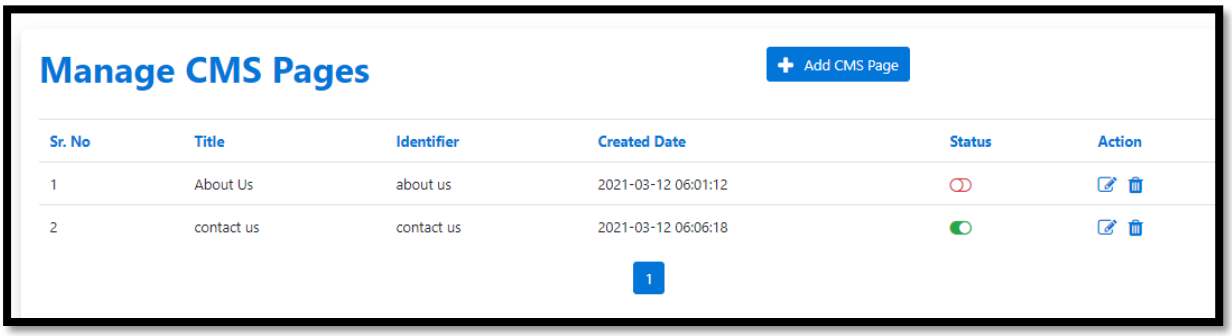
Here, admin can able to see Billing address of the customer.



Customer Shipping Address:

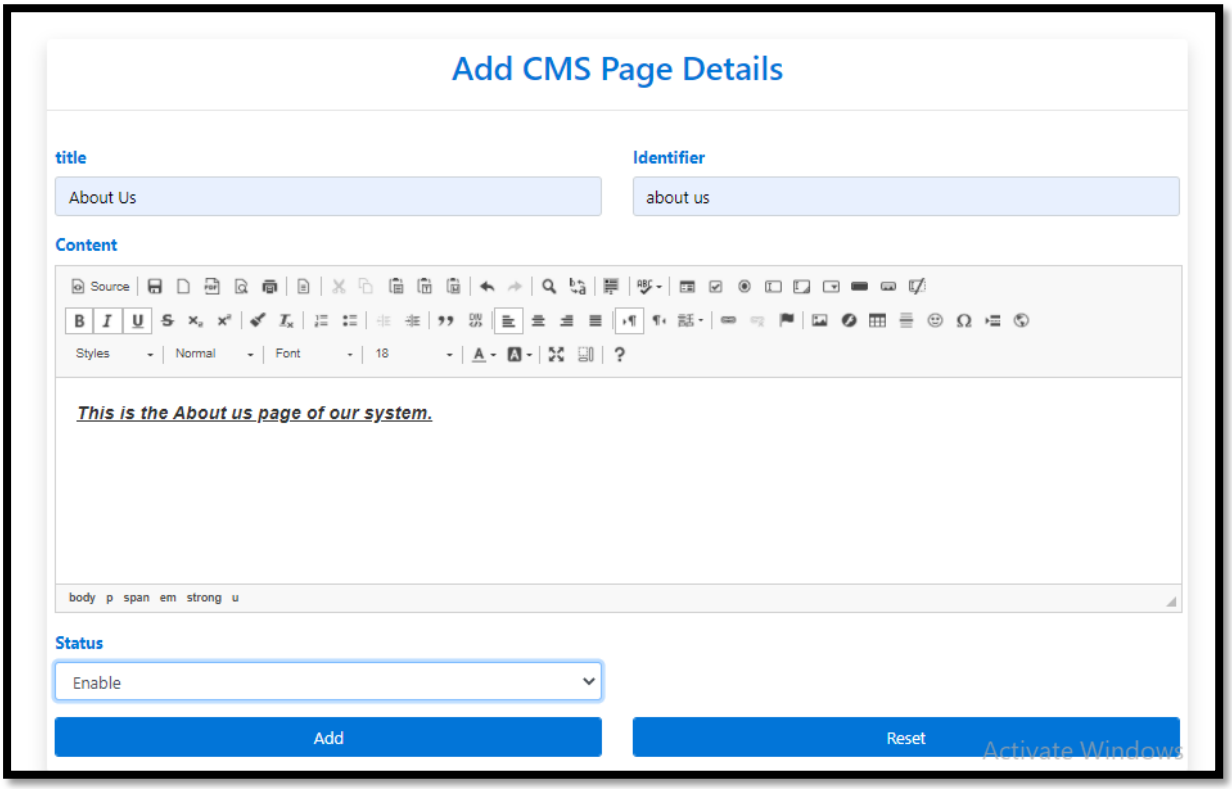
Here, admin can able to see shipping address of the customer.

CMS Page List:



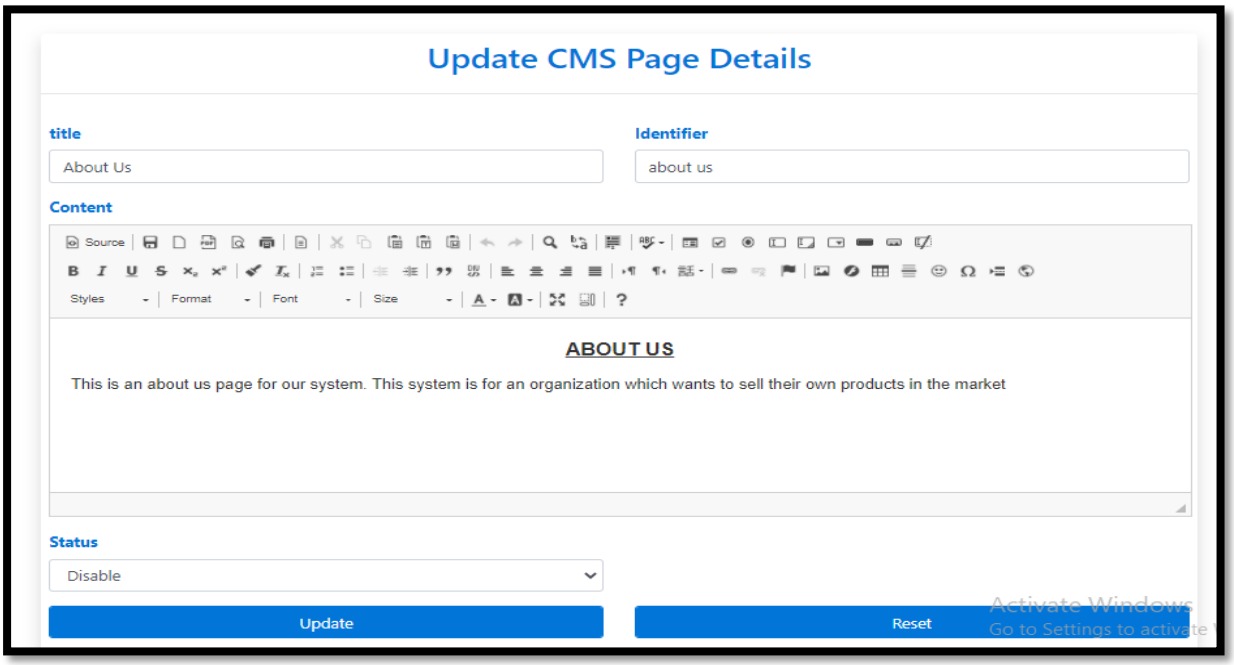
Here, Admin can able see list of CMS pages in the system with their contents.

Add CMS Page:

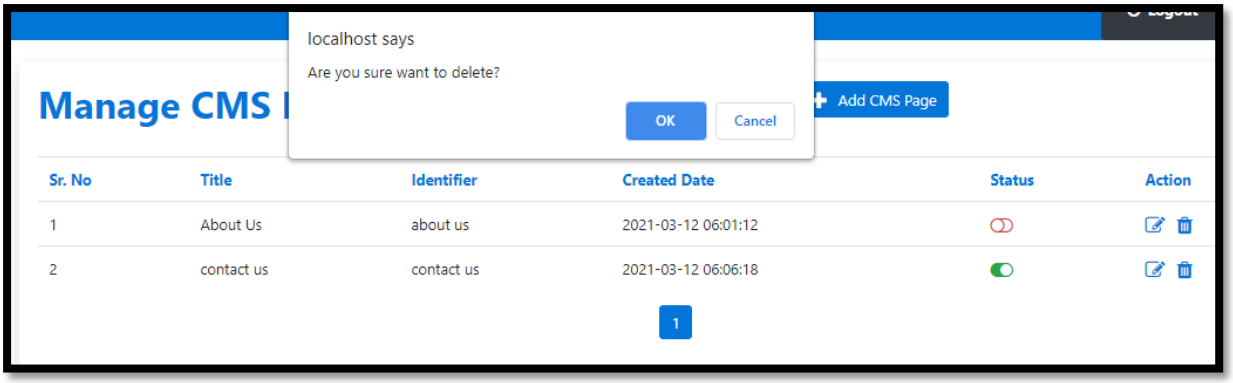


Here admin can able to add any CMS page required for the system.

Update CMS Page:



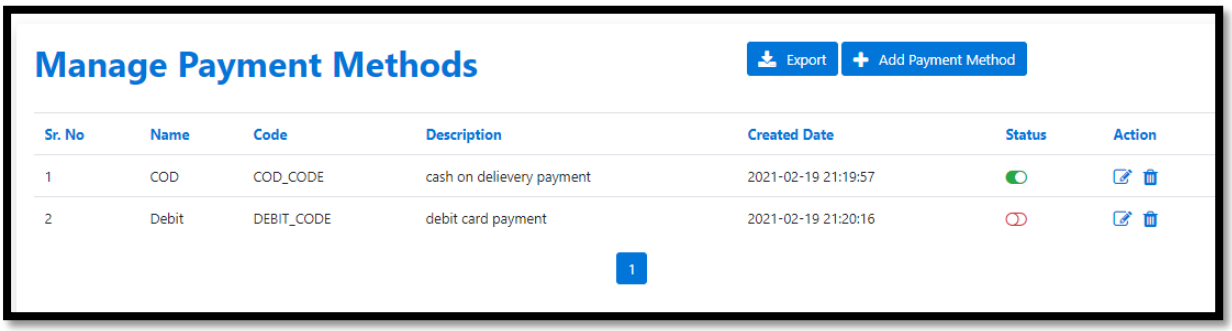
Here admin can able to update existing CMS page with their contents.



Delete CMS Page:

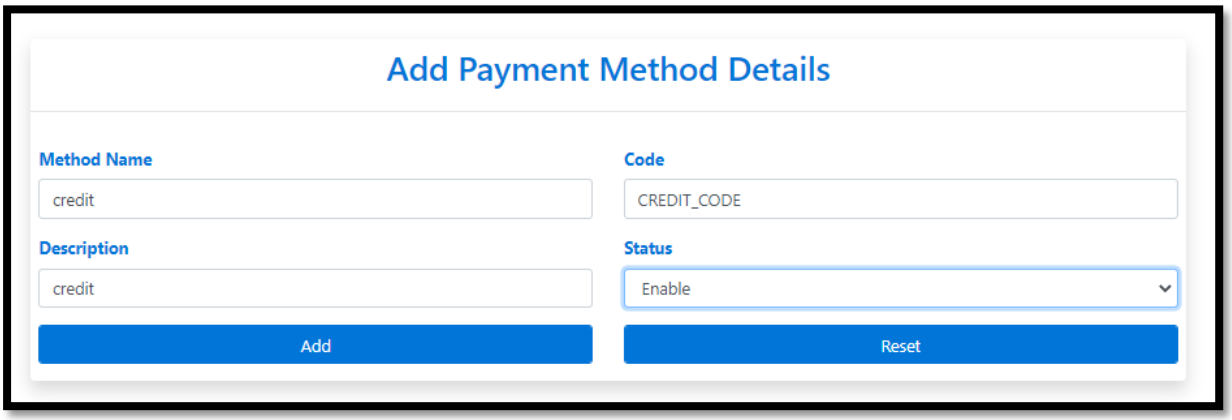
Here, admin can able to delete any CMS Page By clicking on remove button. It will askconfirmation first. If admin licks on ok button then CMS page will be deleted.

Payment Method List:

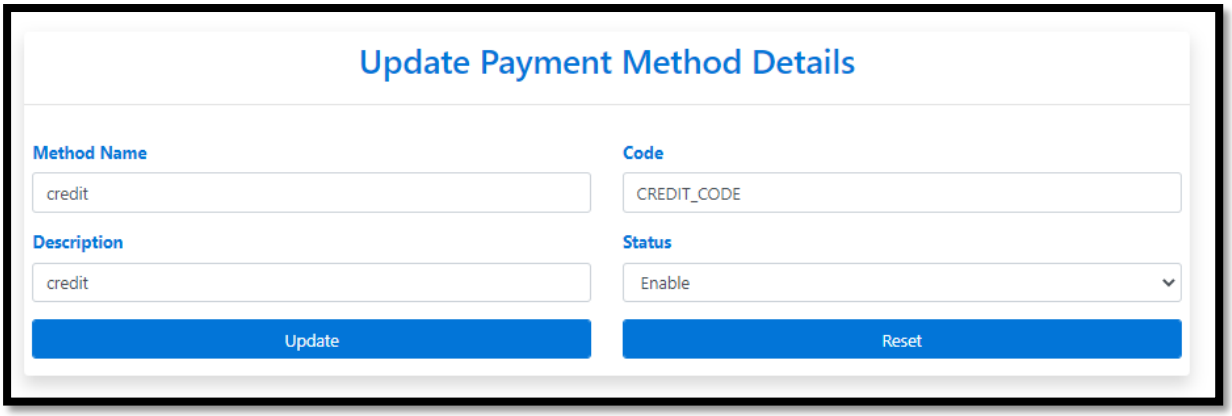


Here, Admin can able to see list of payment methods added into system. By clicking on statusbutton they can able to change the status of product.

Add Payment Method:

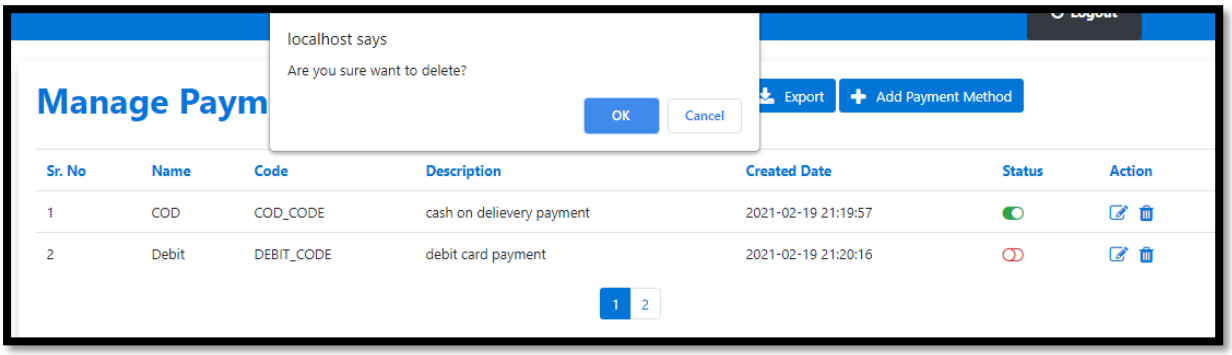


Here admin can able to add payment methods details by clicking on add button on listingpage. Once the product is added it will be redirected to listing page.



Edit Payment Method:

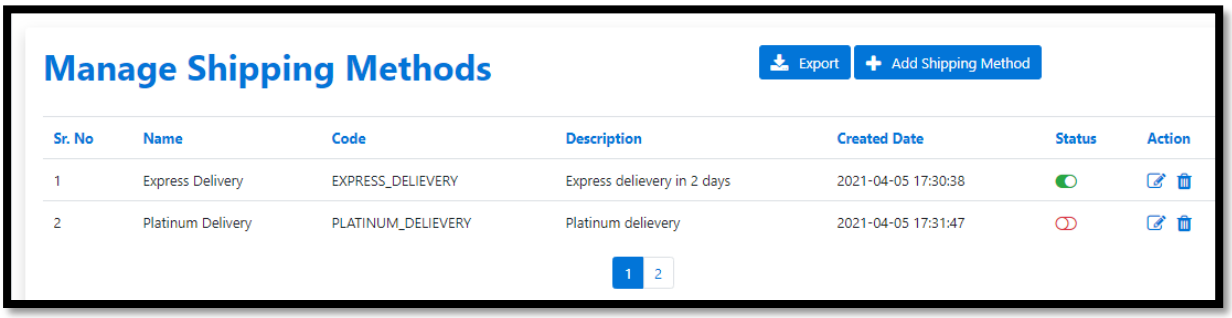
Here admin can able to update payment method details by clicking on add button on listingpage. Once the product is added it will be redirected to listing page.



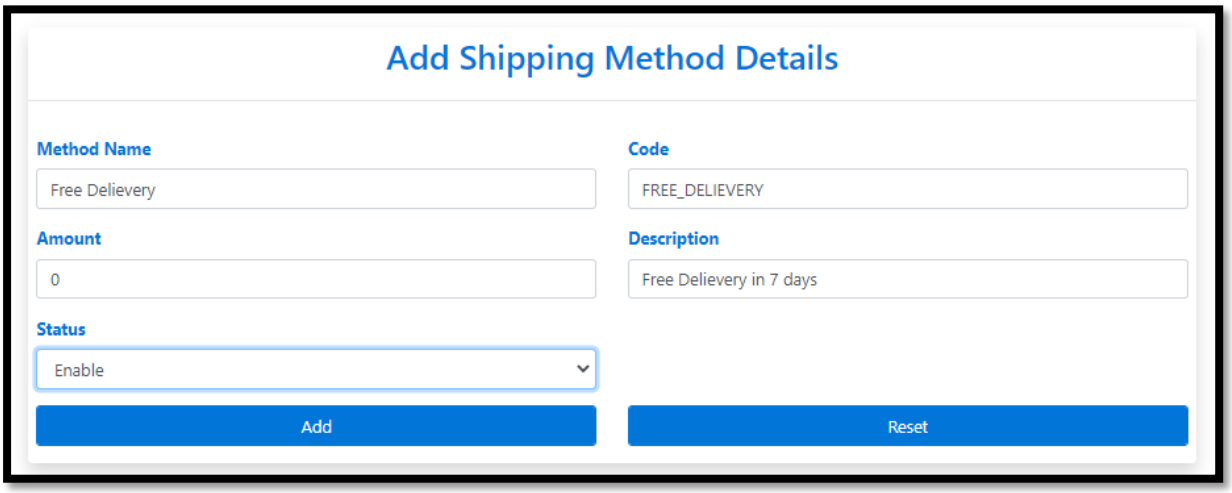
Delete Payment Method:

Here, admin can able to delete any payment method By clicking on remove button. It will ask confirmation first. If admin licks on ok button then CMS page will be deleted.

Shipping Method List:

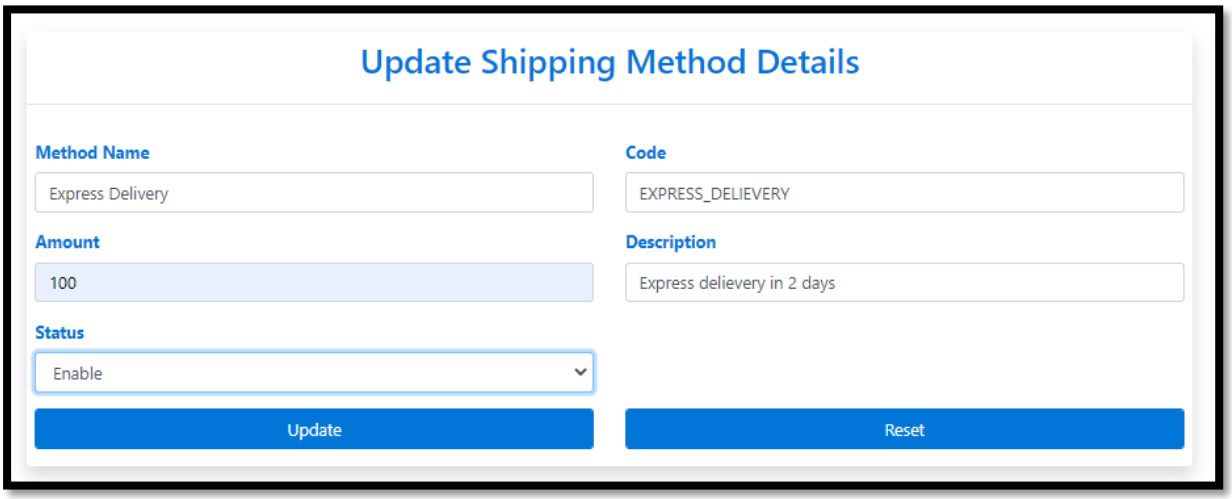


Here, Admin can able to see list of shipping methods added into system. By clicking on statusbutton they can able to change the status of product.



Add Shipping Method:

Here admin can able to add shipping methods details by clicking on add button on listingpage. Once the product is added it will be redirected to listing page.

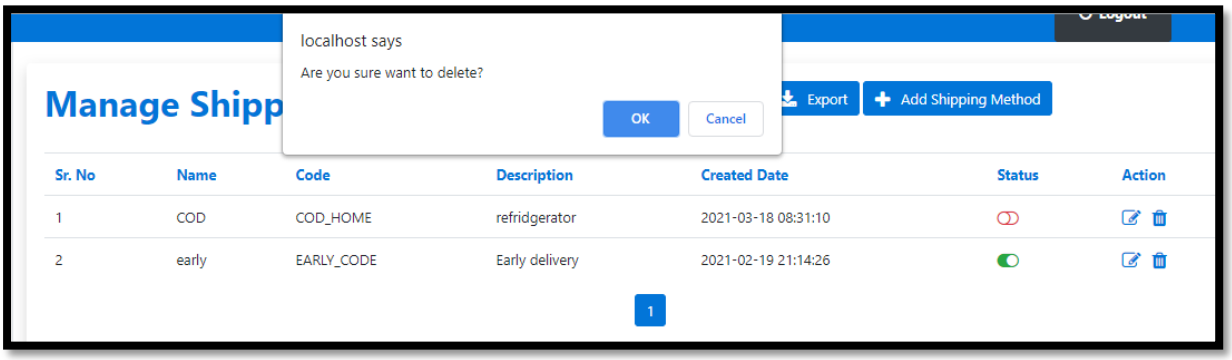


Update Shipping Method:

Here admin can able to update shipping method details by clicking on add button on

listingpage. Once the product is added it will be redirected to listing page.

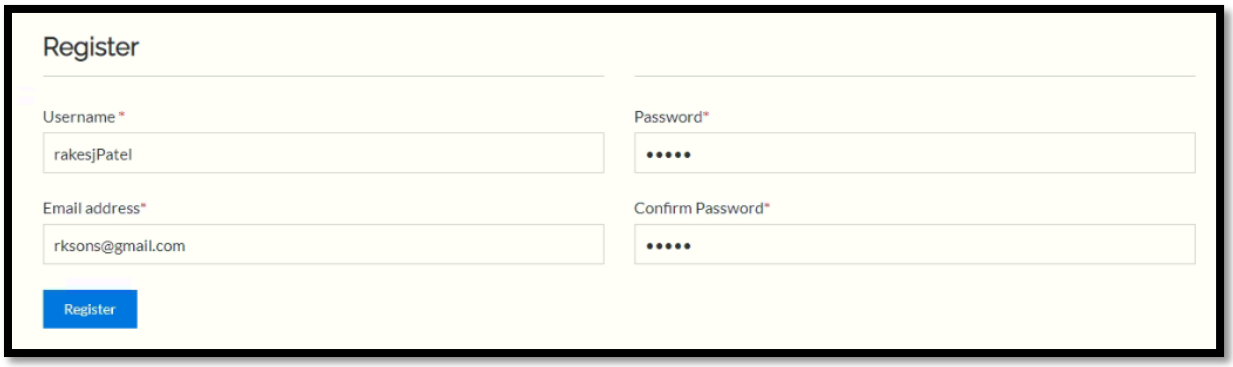
Delete Shipping Method:



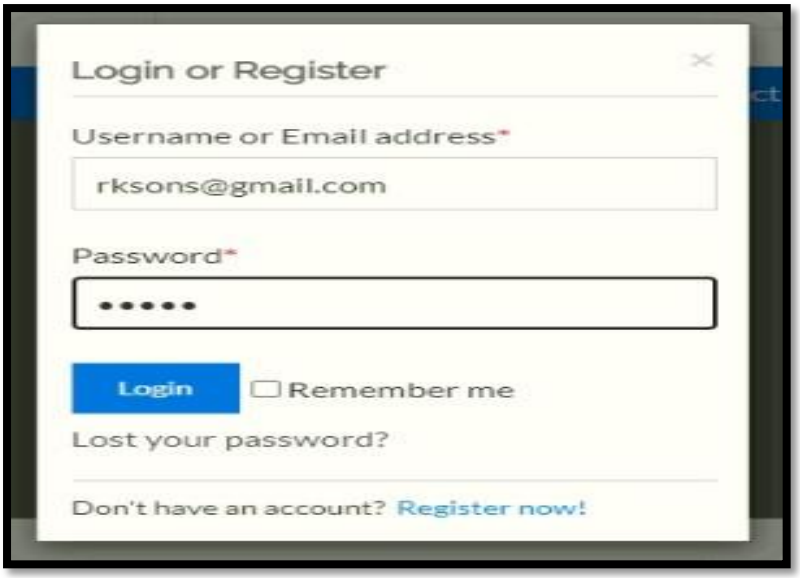
Here, admin can able to delete any shipping method By clicking on remove button. It willask confirmation first. If admin licks on ok button then CMS page will be deleted.

Customer Panel:

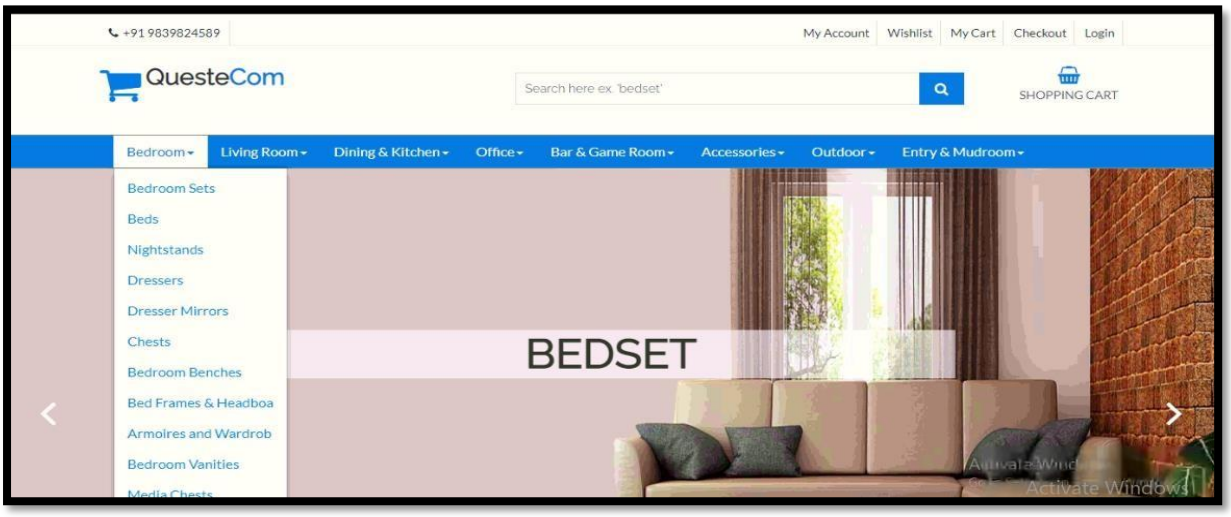
Registration:



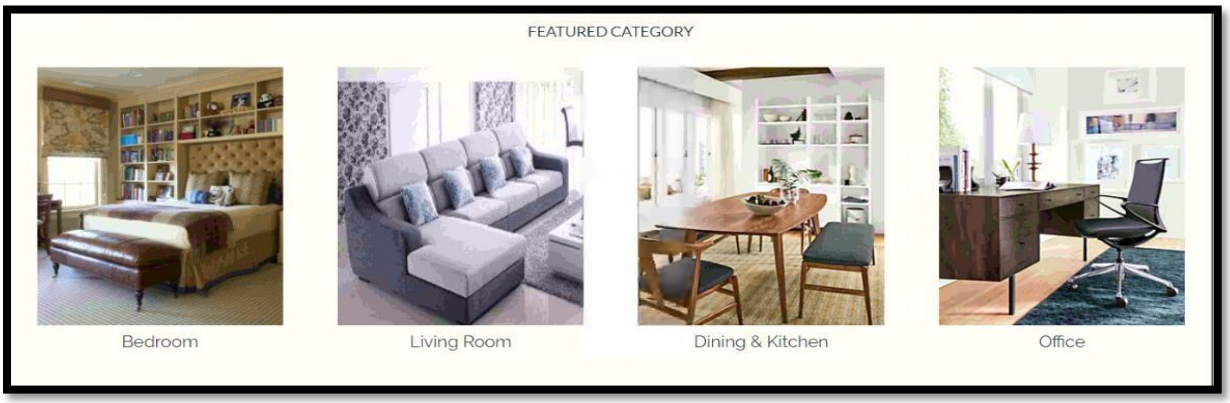
Here, customer can able to register themselves into the system by providing basic detailslike email and password.



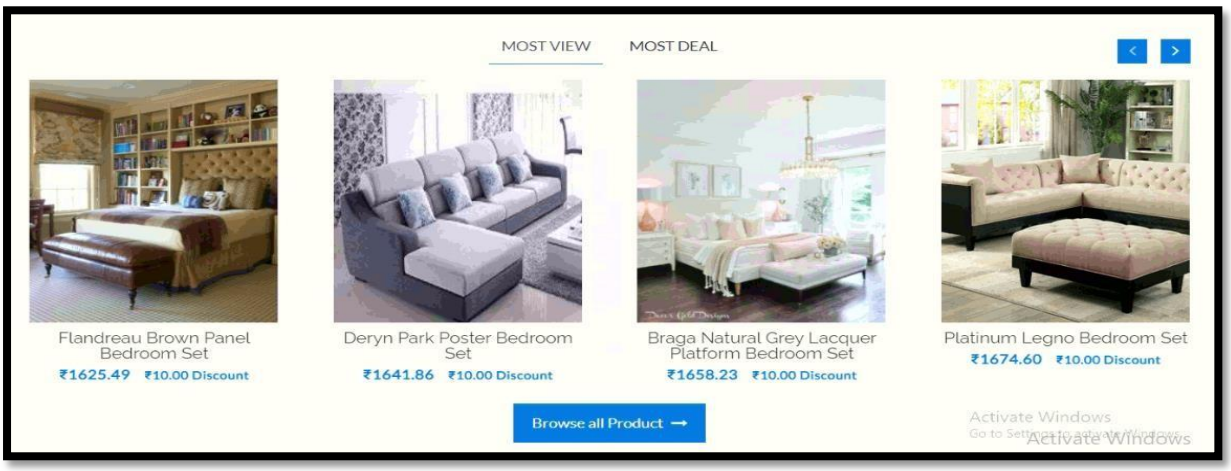
Home Page:



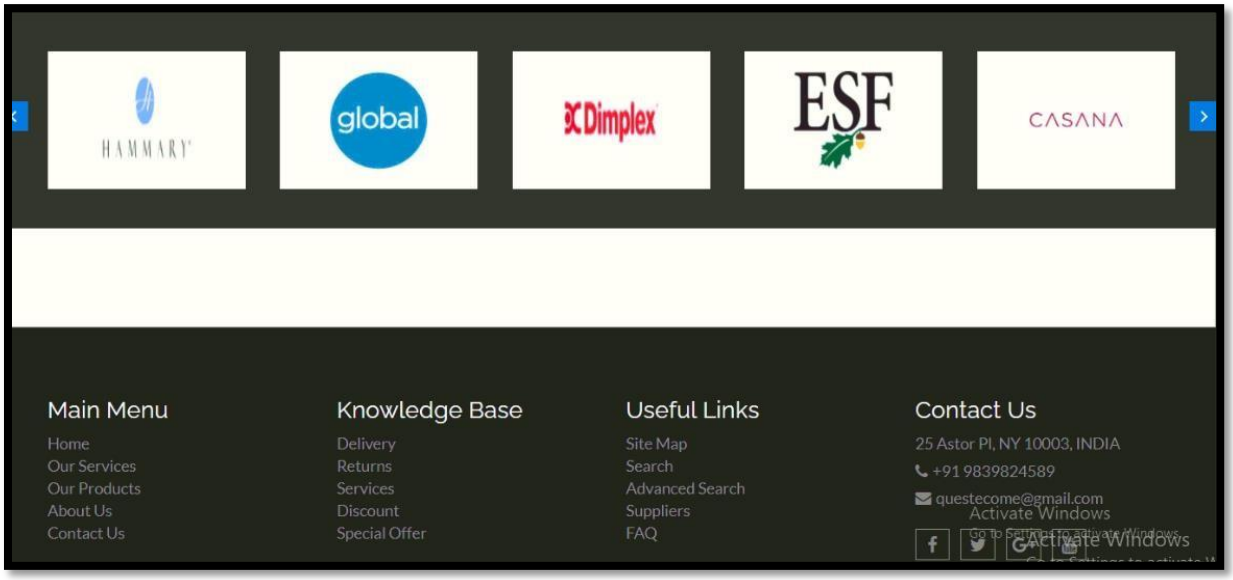
Here, customer can able to see main categories of the system with their subcategories. Andcustomer can able to select any category/subcategory and see list of products related to thatcategory.



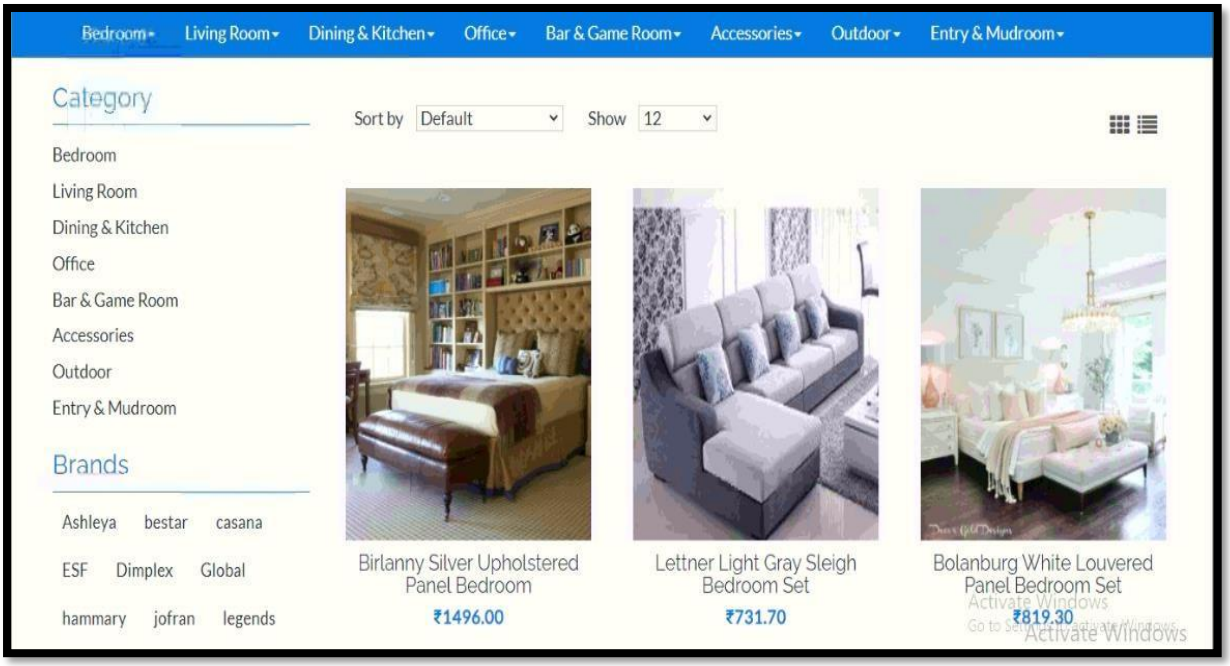
Customer can also able to see featured category of the system on home page. And By clickon these categories also they can able to see list of products of that category.



Customer can also able to see Most viewed and most deal products of the system on homepage. And By click on these products, they can able to see details of that product.



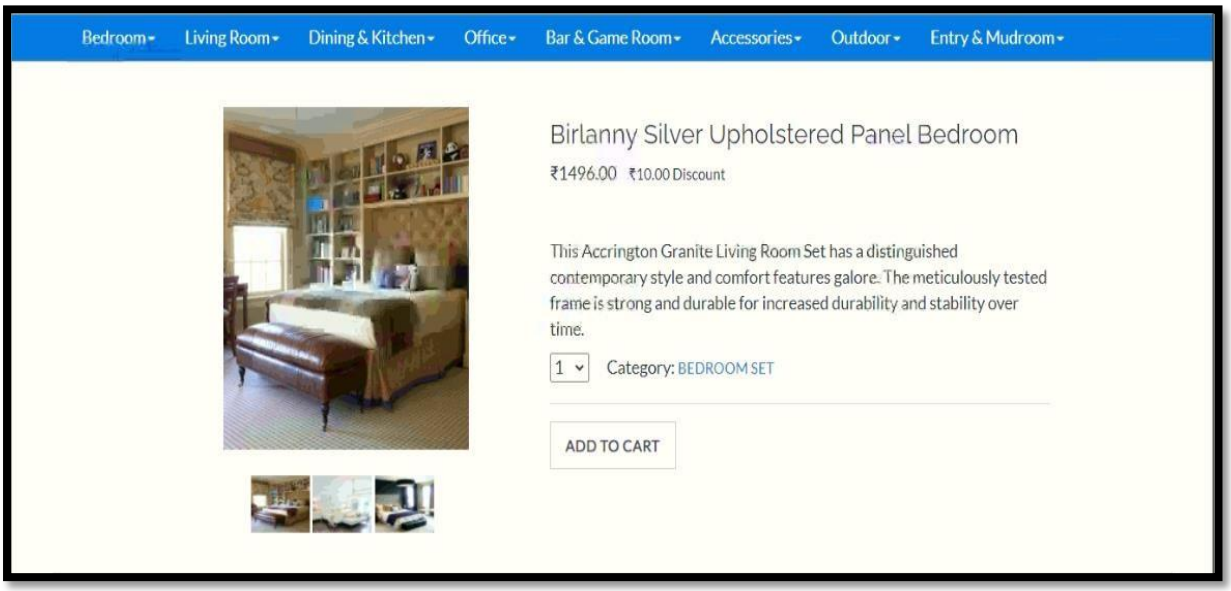
Customer can also able to see list of brands available in the system. And by clicking on anybrand, they can able to see list of products available of that brand.



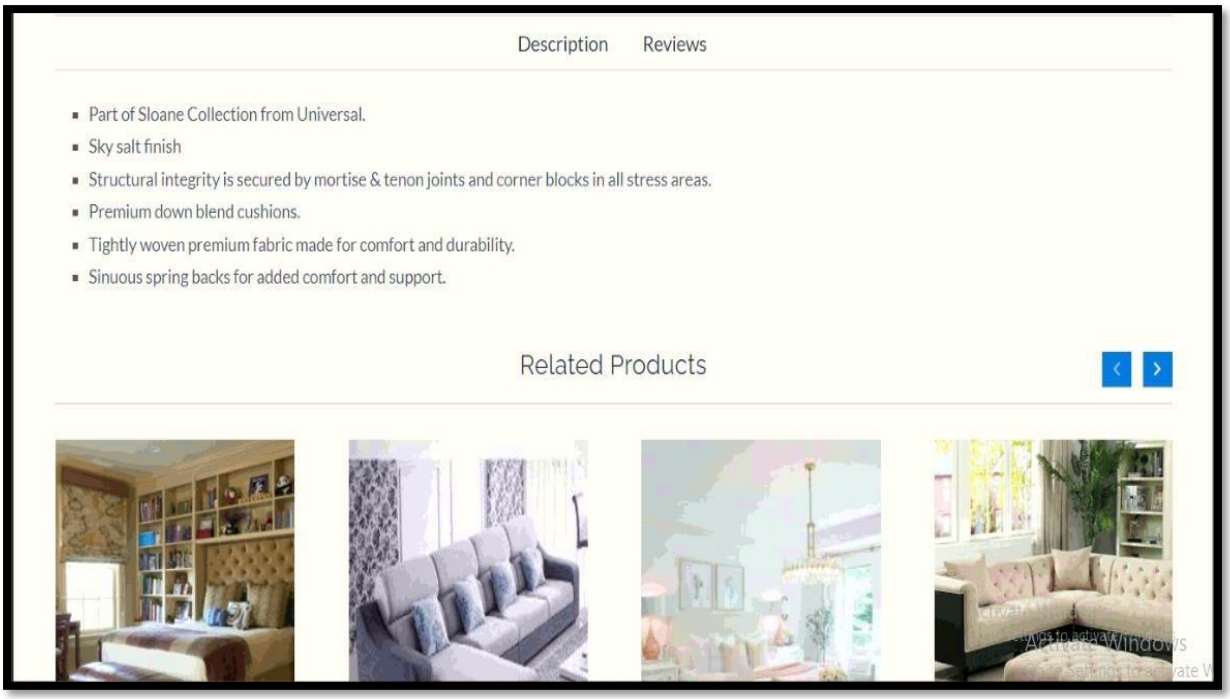
Product Listing Page:

Here, customer can able to see list of products related to the category or brand by selectingany category/sub category or brand.

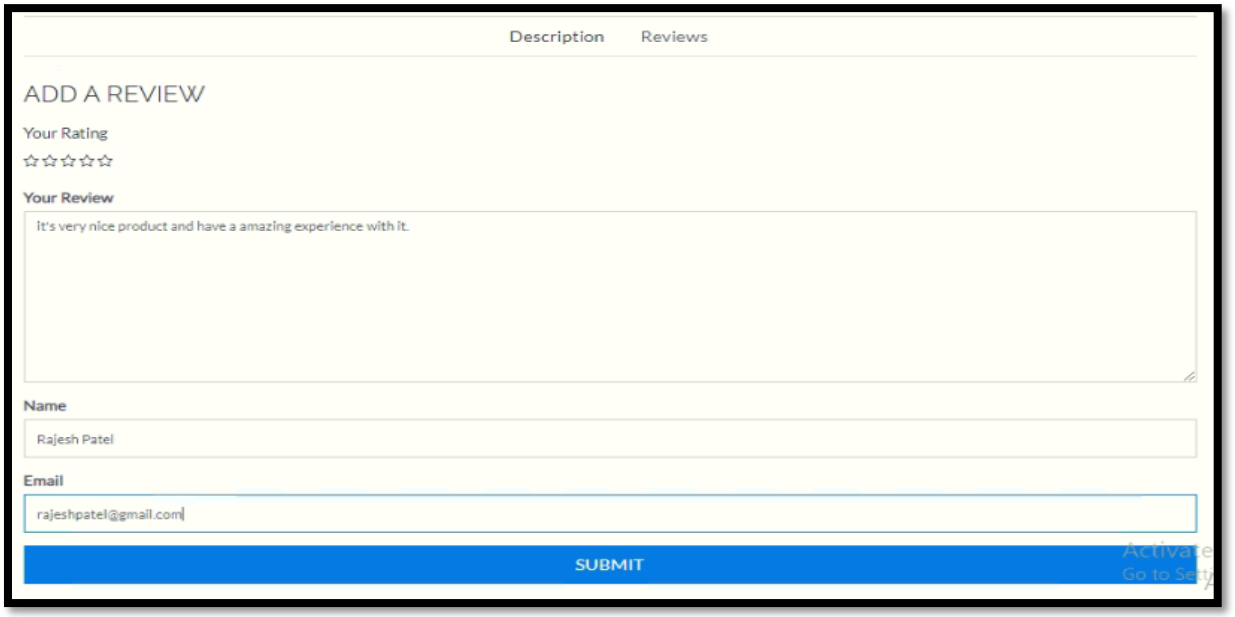
Product Detailing Page:



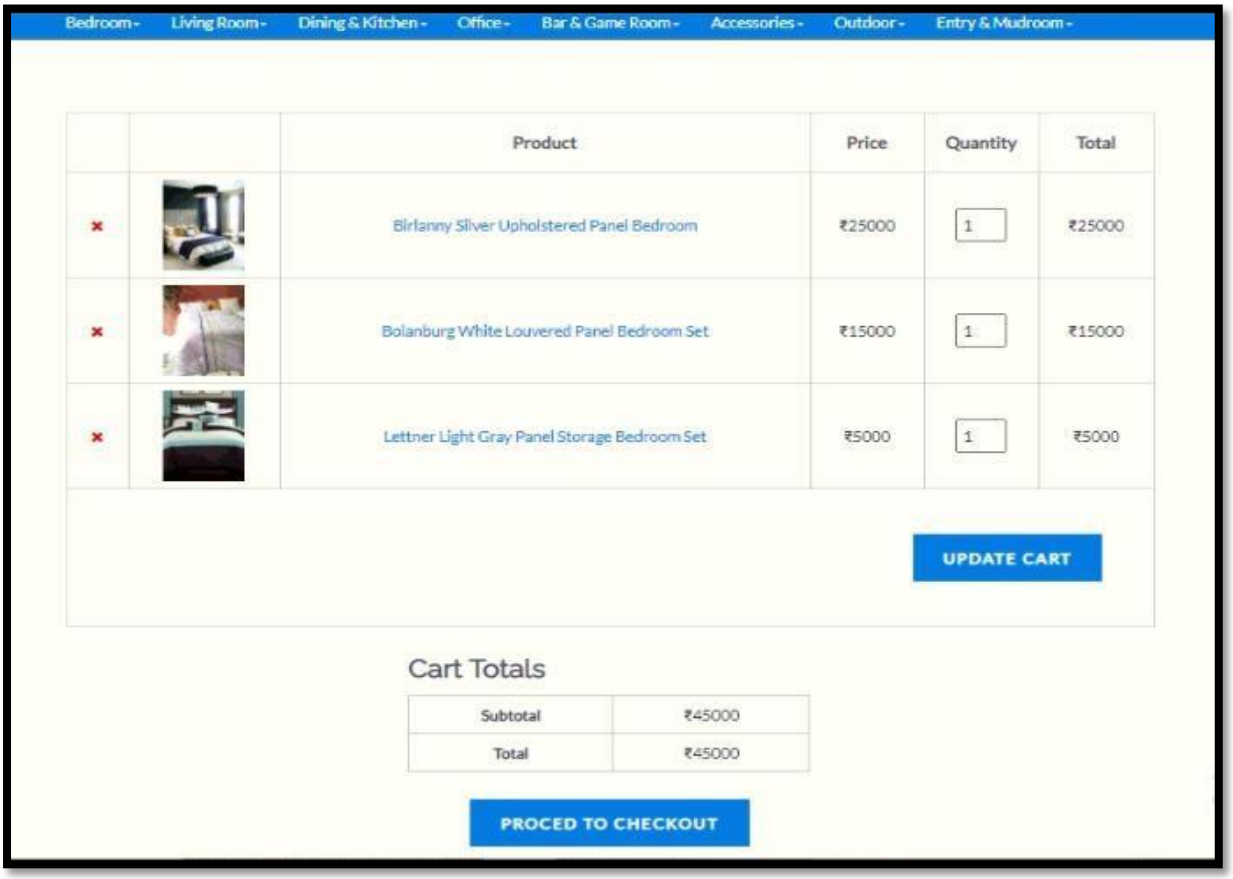
Here, customer can able to see detailed information of any product by selection the product.By clicking on add to cart button, customer can able to add product into the cart.



Here, customer can able to see the featured and description of the category.



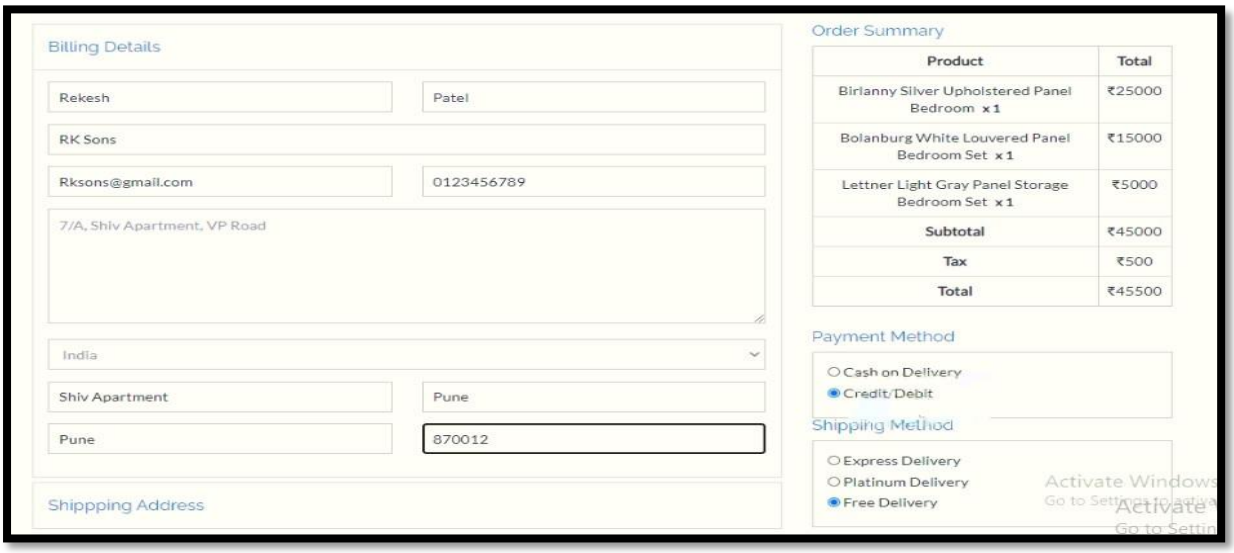
Here, customer can able to give reviews and rating to any products. When they clicks onsubmit button review and rating will be stored into the system.



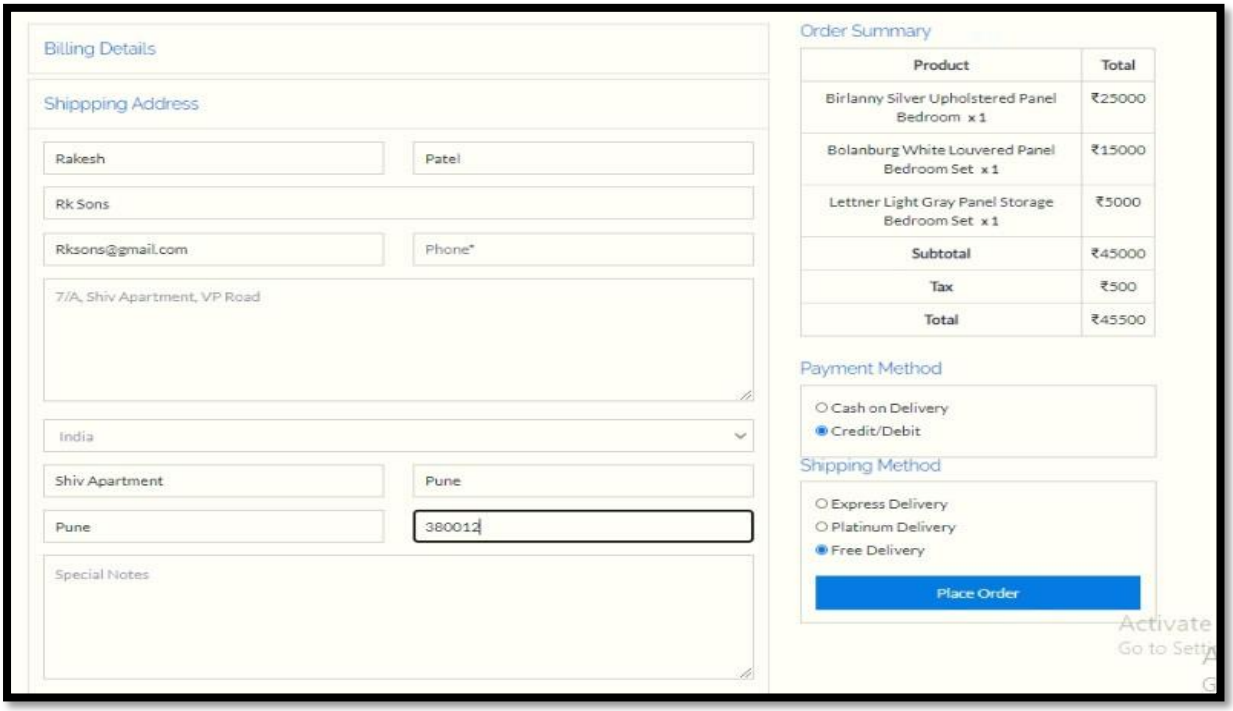
Cart Page:

Here, customer can able to see list of selected item into the cart. And also customers areable to delete/update any product from the cart.

Checkout Page:



Here, customer can able to add their billing details for the checkout process.



Here, customer can able to add their shipping details, payment method and shipping methodfor the checkout process and click on place order button to place the order.

Order Confirmation Page:

After placing successful order customer can able to see confirmation message.

SYSTEM REPORTS

- Products Report:

Sr. No	SKU	Name	Price	Discount	Quantity
1	B720-57-54-96;B720-92	Birlanny Silver Upholstered Panel Bedroom	1496.00	10.00	3
2	B733-77-74-98;B733-92	Lettner Light Gray Sleigh Bedroom Set	731.70	10.00	3
3	?B647-54-77-96;B647-191	Bolanburg White Louvered Panel Bedroom Set	819.30	10.00	3
4	B647-54-77-96;B647-192	Bolanburg White Panel Bedroom Set	1100.00	10.00	3
5	B647-54-77-96;B647-193	Lettner Light Gray Panel Storage Bedroom Set	2100.00	10.00	3
6	B647-54-77-96;B647-194	Lettner Light Gray Panel Bedroom Set	230.00	10.00	3
7	B647-54-77-96;B647-195	Magnolia Manor Antique White Upholstered Panel Bed	500.00	10.00	3
8	B647-54-77-96;B647-196	Mirage Panel Bedroom Set	490.00	10.00	3
9	B647-54-77-96;B647-197	Cassimore Pearl Silver Panel Bedroom Set	2300.00	10.00	3
10	B647-54-77-96;B647-198	Cassimore North Shore Pearl Silver Panel Bedroom S	1167.08	10.00	3

- **Categories Report:**

Sr. No.	Category Name	Description	Featured	Created On
1	Bedroom	Bedroom	Yes	2021-03-18 12:12:45
2	Living Room	Living Room	No	2021-03-18 12:12:45
3	Dining & Kitchen	Dining & Kitchen	No	2021-03-18 12:12:45
4	Outdoor	Outdoor	No	2021-03-18 12:12:45
5	Bedroom=>Beds	Beds	Yes	2021-03-18 12:12:45
6	Bedroom=>Nightstands	Nightstands	No	2021-03-18 12:12:45
7	Bedroom=>Dressers	Dressers	No	2021-03-18 12:12:45
8	Bedroom=>Dresser Mirrors	Dresser Mirrors	No	2021-03-18 12:12:45
9	Bedroom=>Chests	Chests	No	2021-03-18 12:12:45
10	Bedroom=>Bedroom Benches	Bedroom Benches	No	2021-03-18 12:12:45

- **Customers Report:**

Sr. No.	Group Name	First Name	Last Name	Email	Mobile Number	Pincode
1	wholesaler	Saloni	Sindhi	saloni@gmail.com	2147483647	123456
2	retailer	komal	sindhi	komal@gmail.com	2147483647	123456
3	wholesaler	Saloni	Sindhi	saloni@gmail.com	2147483647	123456
4	wholesaler	Saloni	Sindhi	saloni@gmail.com	2147483647	

SYSTEM TESTING

Login and Add/Edit Admin Test Cases:

Test Case Id	Test Field	Test Data	Expected Output	Actual Output
TC-01	Email Address [Text Box]	Blank	Please Enter Appropriate Email Address.	Please Enter Appropriate Email Address.
TC-02	Email Address [Text Box]	tilakpandya3@gmail.com	It allow the user to proceed	It allow the userto proceed
TC-03	Email Address [Text Box]	Wrong Email Address	These Credentials Do Not Match Our Records.	These Credentials Do Not Match Our Records.
TC-04	Password [Text Box]	Tilak@123	It allow the user to proceed	It allow the userto proceed
TC-05	Password [Text Box]	Blank	Please Enter Correct Password.	Please Enter Correct Password.
TC-06	Password [Text Box]]	Wrong Password	These Credentials Do Not Match Our Records.	These Credentials Do Not Match Our Records.

Add/Edit Brand:

Requirement_Id	Test data	Input	Expected Output	Actual Output
01	Name [Text Box]	Blank	Enter Your BrandName Separated By Space And Only Characters Are Allowed.	Enter Your BrandName Separated By Space And Only Characters Are Allowed.
02	Name [Text Box]	Asley	It allow the userto proceed	It allow the userto proceed
04	Image [File Type]	Blank	Please select the photo	Please select the photo
05	Image [File Type]	Select file which is not type of image	Please select valid image type .only jpg,png,jpeg are allowed	Please select valid image type .only jpg,png,jpeg are allowed
06	Image [File Type]	Select image which is greaterthan 200 kb	The Upload Picture May NotBe Greater Than 200 Kilobytes.	The Upload Picture May NotBe Greater Than 200 Kilobytes.
07	Image [File Type]	Select image	It allow the userto proceed	It allow the userto proceed
08	Status [Dropdown]	Blank	Please select statusfor brand.	Please select statusfor brand.
09	Status [Dropdown]	Select status	It allow the userto proceed	It allow the userto proceed

Add/Edit Customer Group:

Requirement _Id	Test data	Input	Expected Output	Actual Output
01	Name [Text Box]	Blank	Enter Customer Group Name Separated By Space And Only Characters Are Allowed.	Enter Customer Group Name Separated By Space And Only Characters Are Allowed.
02	Name [Text Box]	Retailer	It allow the userto proceed	It allow the userto proceed
04	Status [Dropdown]	Blank	Please select statusfor customer group.	Please select statusfor customer group.
05	Status [Dropdown]	Select status	It allow the userto proceed	It allow the userto proceed

Add/Edit Products:

Requirement _Id	Test data	Input	Expected Output	Actual Output
01	sku [Text Box]	Blank	Enter product skuSeparated By '_' And Only Characters Are Allowed.	Enter product sku Separated By '_' And Only Characters Are Allowed.
02	sku [Text Box]	Same sku as other product	Product SKU mustbe unique.	Product SKU mustbe unique.
04	sku [Text Box]	Sk_001	It allow the userto proceed	It allow the userto proceed
05	name [Text Box]	Blank	Enter product name SeparatedBy space And Only Characters Are Allowed.	Enter product name Separated By space And Only Characters Are Allowed.
06	name [Text Box]	Mirage Panel Bedroom Set	It allow the userto proceed	It allow the userto proceed
07	price [Text Box]	Blank	Enter product price, Only digitsAre Allowed.	Enter product price, Only digitsAre Allowed.
08	price [Text Box]	Po09	Enter product price, Only digits Are Allowed.	Enter product price, Only digits Are Allowed.
09	price [Text Box]	20000.00	It allow the userto proceed	It allow the userto proceed
10	discount [Text Box]	Blank	Enter product Discount, Onlydigits	Enter product Discount, Onlydigits

			Are Allowed.	Are Allowed.
11	discount [Text Box]	12%	Enter product Discount, Onlydigits Are Allowed.	Enter product Discount, Onlydigits Are Allowed.
12	discount [Text Box]	10.25	It allow the userto proceed	It allow the userto proceed
13	Quantity [Text Box]	Blank	Enter product Quantity, Onlydigits Are Allowed.	Enter product Quantity, Onlydigits Are Allowed.
14	Quantity [Text Box]	P12	Enter product Quantity, Onlydigits Are Allowed.	Enter product Quantity, Onlydigits Are Allowed.
15	Quantity [Text Box]	10	It allow the userto proceed	It allow the userto proceed

16	Description [Text area]	Blank	Please Enter product descriptio n.	Please Enter product descriptio n.
17	Description [Text area]	Some descript ion	It allow the userto proceed	It allow the userto proceed
18	Stat us [Dropd own]	Blank	Please select statusfor product.	Please select statusfor product.
19	Stat us [Dropd own]	Select status	It allow the userto proceed	It allow the userto proceed

Add/Edit Categories:

Require ment _Id	Test data	Input	Expected Output	Actual Output
01	na me [Text Box]	Blank	Enter category name Separated By space And Only Characters Are Allowed.	Enter category nameSeparated By space And Only Characters Are Allowed.
02	na me [Text Box]	Bedroom	It allow the userto proceed	It allow the user to proceed
04	Parent Categ ory [Dropd own]	Blank	Please select parent category.	Please select parent category.
05	Paren t Categ ory [Dropd own]	Select parent category	It allow the userto proceed	It allow the user to proceed
06	Descri ption [Text area]	Blank	Please Enter category descriptio n.	Please Enter category description.

07	Description [Text area]	Some description	It allow the userto proceed	It allow the user to proceed
08	Status [Dropdown]	Blank	Please select statusfor product.	Please select statusfor product.
09	Status [Dropdown]	Select status	It allow the userto proceed	It allow the user to proceed
10	Image [File Type]	Blank	Please select the photo	Please select the photo
11	Image [File Type]	Select file which is not type of image	Please select validimage type .only jpg,png,jpeg areallowed	Please select validimage type .only jpg,png,jpeg areallowed
12	Image [File Type]	Select image	It allow the userto proceed	It allow the user to proceed

Add/Edit Attributes:

Requirement _Id	Test data	Input	Expected Output	Actual Output
01	Entity Type [Dropdown]	Blank	Please select entity type.	Please select entity type.
02	Entity Type [Dropdown]	Select entity	It allow the userto proceed	It allow the userto proceed
04	Name [Text Box]	Blank	Enter attribute name Separated By space And Only Characters Are Allowed.	Enter attribute name Separated By space And Only Characters Are Allowed.
05	Name [Text Box]	Color	It allow the userto proceed	It allow the userto proceed
06	Code [Text Box]	Blank	Enter attribute code Separated By '_' And Only Characters Are Allowed.	Enter attribute code Separated By '_' And Only Characters Are Allowed.
07	Code [Text Box]	Same code as other attribute	Attribute code must be unique.	Attribute code must be unique.
08	Code [Text Box]	color	It allow the userto proceed	It allow the userto proceed
09	Input Type [Dropdown]	Blank	Please select input type.	Please select input type.
10	Input Type [Dropd	Select input type	It allow the userto proceed	It allow the userto proceed

	own]			
11	BackendType [Dropdown]	Blank	Please select backend type.	Please select backend type.
12	BackendType [Dropdown]	Select backend type	It allow the userto proceed	It allow the userto proceed

FUTURE ENHANCEMENT

This feature allows user to search furniture according to their favorite brand.

- **Similar Products**
  We user opens a particular product he/she will be shown similar type of products which can be considered as a separate module where Artificial Intelligence is required, can be implemented once the existing project gets completed.

- **ChatBot Implementation**
  Chatbot implementation helps users to ask Query and get replies also it willhelp to increase user friendliness into websites.

- **Notifications via SMS/Call**
  Direct push or pop notifications on the cell phones via SMS will help thecustomers to get know about their orders easily.

- **Mobile Applications**
  As mobile application development of this same project helps the user toaccess the website at one touch in mobile.

- 3D model of a room to arrange furniture
  If user wants to purchase any furniture but before purchasing, he/she wantsto see how that furniture does goes with the room, so 3D module can be helpful to them

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- https://www.hometown.in