

Moonlight Fashion

A PROJECT REPORT

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Under the Guidance Of
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In fulfilment for the award of the degree of
Master of Computer Application



Sarvajani College of Engineering & Technology, Surat
Gujarat Technological University, Ahmadabad



**Sarvajanik Education Society
Sarvajanik College of Engineering & Technology, Surat.
Master of Computer Application Department
Academic Year 2020-21**

Date:

CERTIFICATE

This is to certify that the project entitled “Moonlight Fashion” has been carried out by Hemant Patil [205310694018], Harshal Randhire [205310694020] and Ramdhan Vanjara [205310694024], under my guidance in Fulfilment of the degree of Master of Computer Application in M.C.A. (3rd Semester) of Gujarat Technological University, Ahmedabad during the academic year 2020-21.

Guide Name: Prof. Kaushika Pal

**Prof. _____
(Head - M.C.A. Department)**

(Guide's Signature)

Examiners' Signature:

1. _____

2. _____

3. _____

Acknowledgement

It has been said that we are built on the shoulder of others. For everything we have achieved, the credit goes to all those who have really helped us in completing this project successfully. We are thankful to **Dr. Kaushika Pal** for providing us the guidance and sparing their valuable time for us, as a result that we could successfully complete our project. Without this assistance and guidance, it would have been difficult to complete the project. We thank our college for providing us with good faculties, Digital library, and project laboratory facilities which helped us to enrich our knowledge. Also we are very much thankful for our college Sarvajani College of Engineering & Technology, Surat, which provides us a good study environment & available access to get literature.

Abstract

- The business-to-consumer aspect of product commerce (e-commerce) is the most visible business use of the World Wide Web. The primary goal of a Moonlight Fashion site is to sell trending and fashionable cloths online.
- This project deals with developing an e-commerce website for online cloths Sale. It provides the user with a catalog of different product available for purchase in the store. In order to facilitate online purchase a shopping cart is provided to the user.
- This application is developed using ReactJS, NodeJS programming language. The Master page, data sets, data grids, user controls are used to develop the e-commerce website.

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1.INTRODUCTION

1.1 Project Profile

Project Title	Moonlight Fashion
Project Definition	<p>Moonlight Fashion basically contains:</p> <ol style="list-style-type: none">1. Admin Side<ul style="list-style-type: none">▪ Log In / Log out▪ Manage Products▪ Manage Orders▪ Manage Category▪ Manage User▪ Manage Page▪ Manage Contact Us2. User Side<ul style="list-style-type: none">▪ Log in / log out▪ Registration▪ Add To Cart▪ Manage Profile▪ Manage Order▪ Contact Us▪ Payment
Duration	2 month
Project External Guide	Prof. Kaushika Pal
Front End	React JS
Back End	Node JS
Other Technologies Used	Ajax, JQuery, Java Script, CSS
Operating System	Windows 10 [64 bit]

1.2 Objective of the New System

- The main objective of the project on online cloth selling it manages the details of products, Order, User, Payments.
- It manages all the information about products.
- It allows to user select the category of products as per their need.
- Project also have the forgot password and profile.
- Site has a login facility to user log in their account for products order.

1.3 Problem Definition

- Our mission is to provide a platform to buy online products.
- The user can save the products in the cart.
- The user select the multiple products at one time.
- Customer can order products online easily.

1.4 Core Components

❖ Authenticate User

- User can sing in using Email address.
- User fill up the Register Fromand redirect to the log in page
- User also selecting category for buy products

❖ Products

- Admin add the products and products category on site
- User browse the products on as per category
- user add the products on cart to click add to cart and buy the products

❖ Order

- Admin view the all orders by user
- Admin manage the all orders
- User buy the products for selected category
- User remove item in the order

1.5 Assumptions and Constraints**Assumptions**

- User most have basic knowledge for user interface for the system

Constraints

- Internet Connection mandatory

1.6 Advantages and Limitations of the Proposed System**Advantages:**

- Convenient way to buy products.
- Searching becomes easy.
- User short the products by it category.
- Easy to show products and products price.

Disadvantages

- Always active internet connection.
- High speed network access.
- The project does not store transaction.so the Buyer will not able to make any references to past transaction

2. System Analysis

2.1 Requirement determination And Analysis:

- To develop any application, it is important to identify the user requirement therefore it is very important to analyses the existing application.
- During analysis, initially we started with studying the application with specification document to understand the system. We started to collect basic requirement of the application. During the discussion of the system, We had a questions and answers in between the discussion, which helps us to clear the idea about the system. We met our project guide with basic details. She told us the changes to be made in the work completed.
- By discussion we was able to get a lot of important information for proposed application we observed that input the personnel give to their existing application and what kind of output they are getting.
- The new application is proposed to organize all the above activities so the work becomes easy and any person can operate the app easily.

2.2 Software Requirement Specification

➤ Basic Navigational Flow Of The App:

- Here we will design all end to end flow for all screens for the app. This will give clear understanding for the features of the web site and thus allow envision site

➤ Login Screen :

- This screen allows user to login in the site using various options like login with Email.

- Same in login with google and other email accounts.
- Second view in this screen is forgot password screen. In this screen, user enters unique email id and system will check that email id in the database and it will send email with new password on registered email id. Using that emailid and password, User can login into site

➤ **Registration Screen :**

- In this screen, User need to register itself to access the site.
- User use the email for register for log in.
- User log in then redirect to home page.

➤ **Products Page**

- products page show the all types products for user.
- User select the category of products and buy the products.
- It allows the add to cart the products.
- User select and buy easy products.

➤ **User Page:**

- User show the all products.
- They can select the products as per their need and add them into the cart.
- Then in the cart that items will be displayed.
- User log in to buy products.
- It also consist the log out button.

➤ **Your Cart:**

- This screen will have the list of items the user have added in the cart earlier and it will have the total amount in the bill.

3. System Design

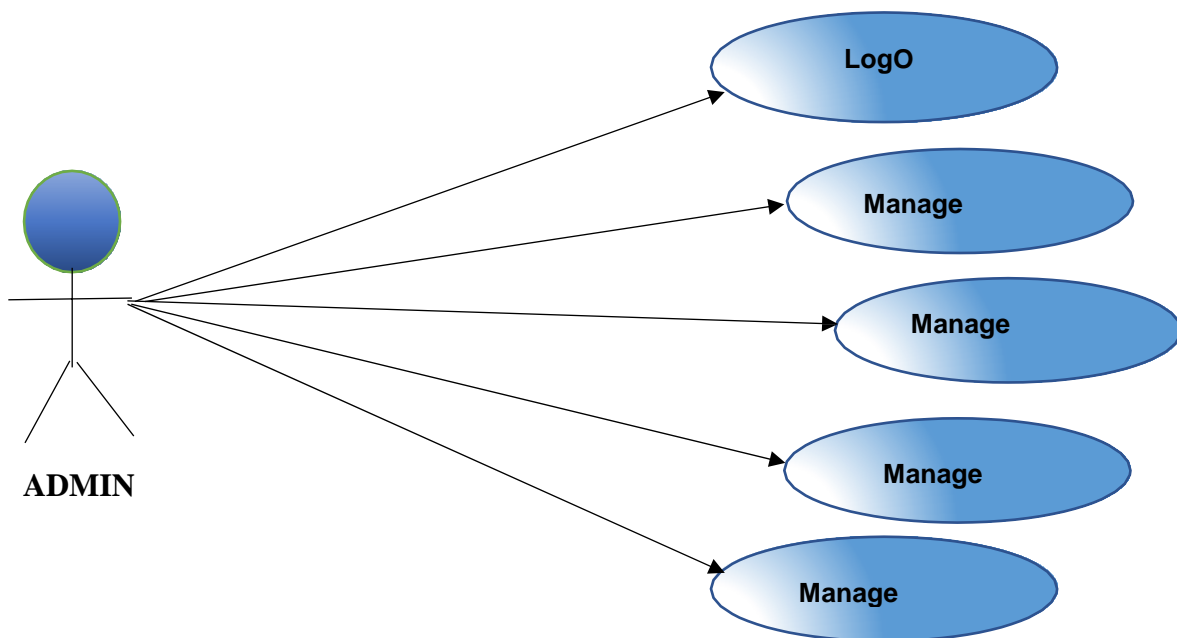
➤ **UML diagram**

- **UML is a language for specifying, constructing and documenting software system**
 - General Purpose Modeling Language
 - Merges Modeling Element from Run Baugh ,Jacobson and others
 - Object Oriented Analysis and Design
 - Graphical Notation supporting numerous diagrams
 - Extensible notation (stereotypes)
 - Extensible Semantics(Object constraints Language)
- **Components**
 - Classes, Objects, and Packages
 - States and Activities
 - Actors and Use-Cases
- **Connectors**
 - Basically three types :- Communication (control and data), Containment
 - Restricted in what types of components they link
 - First class citizens

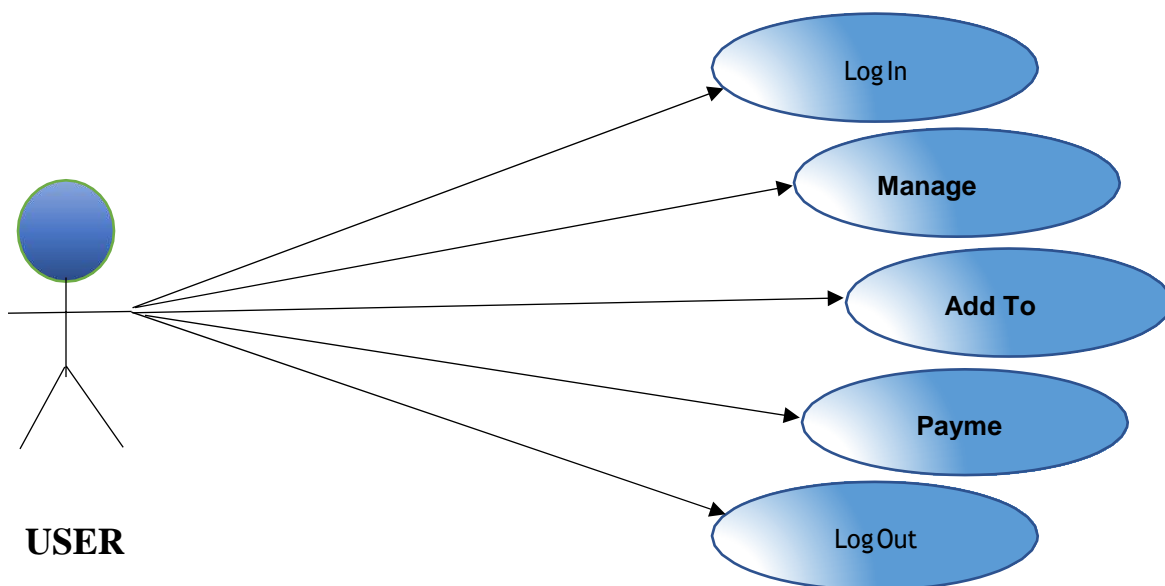
3.1 Use Case Diagram:



➤ **Admin Use Case**

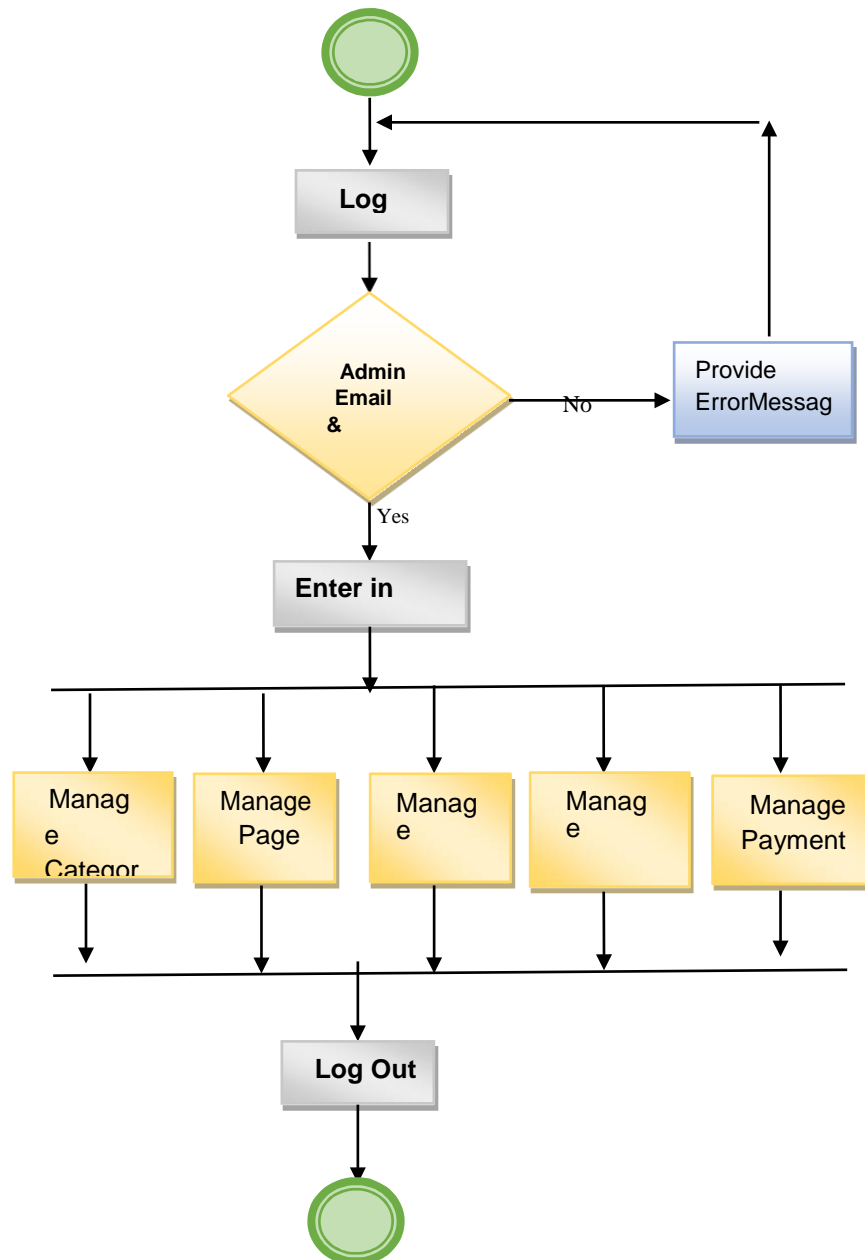


➤ **User Use Case**

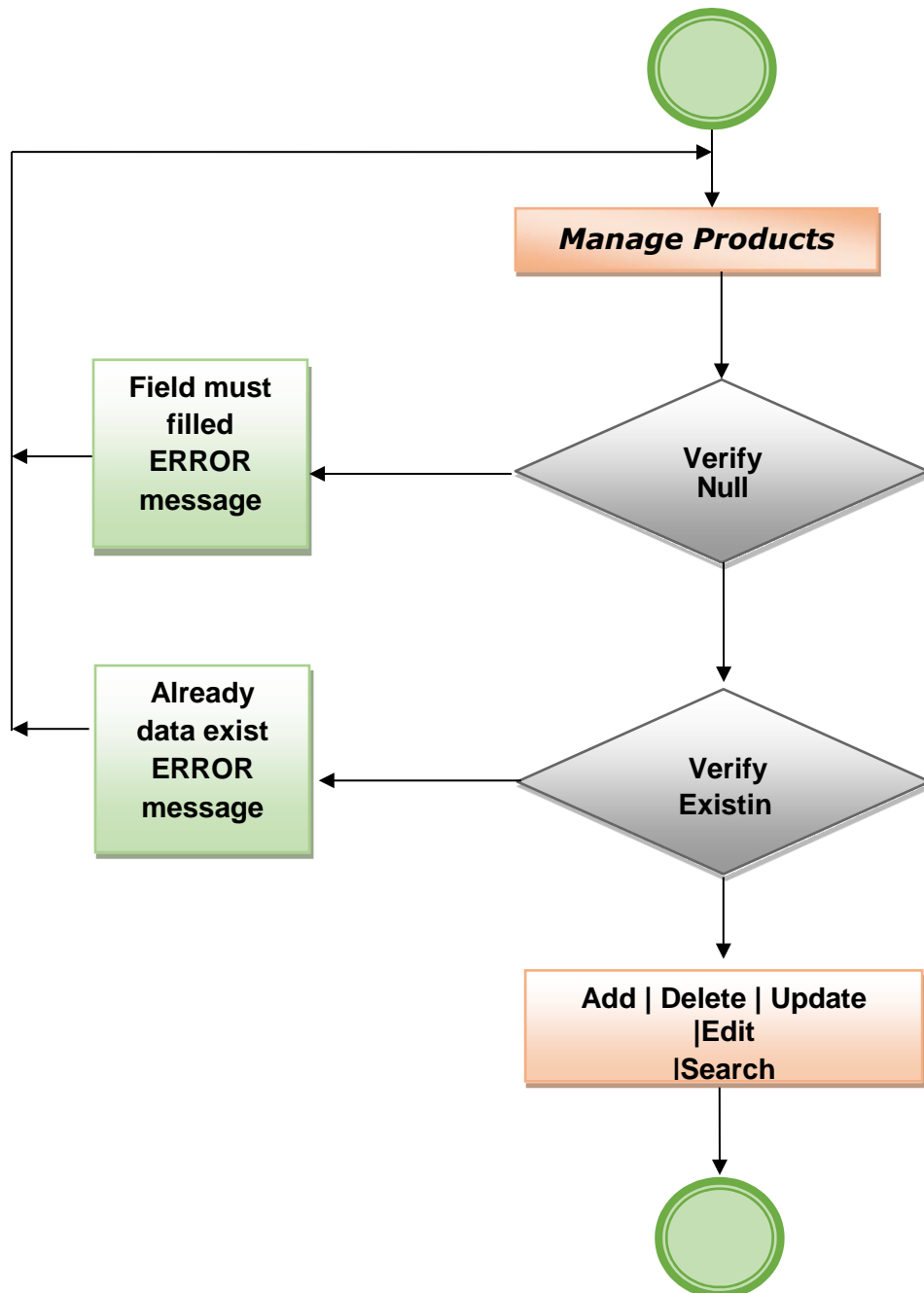


3.2 Activity Diagram:

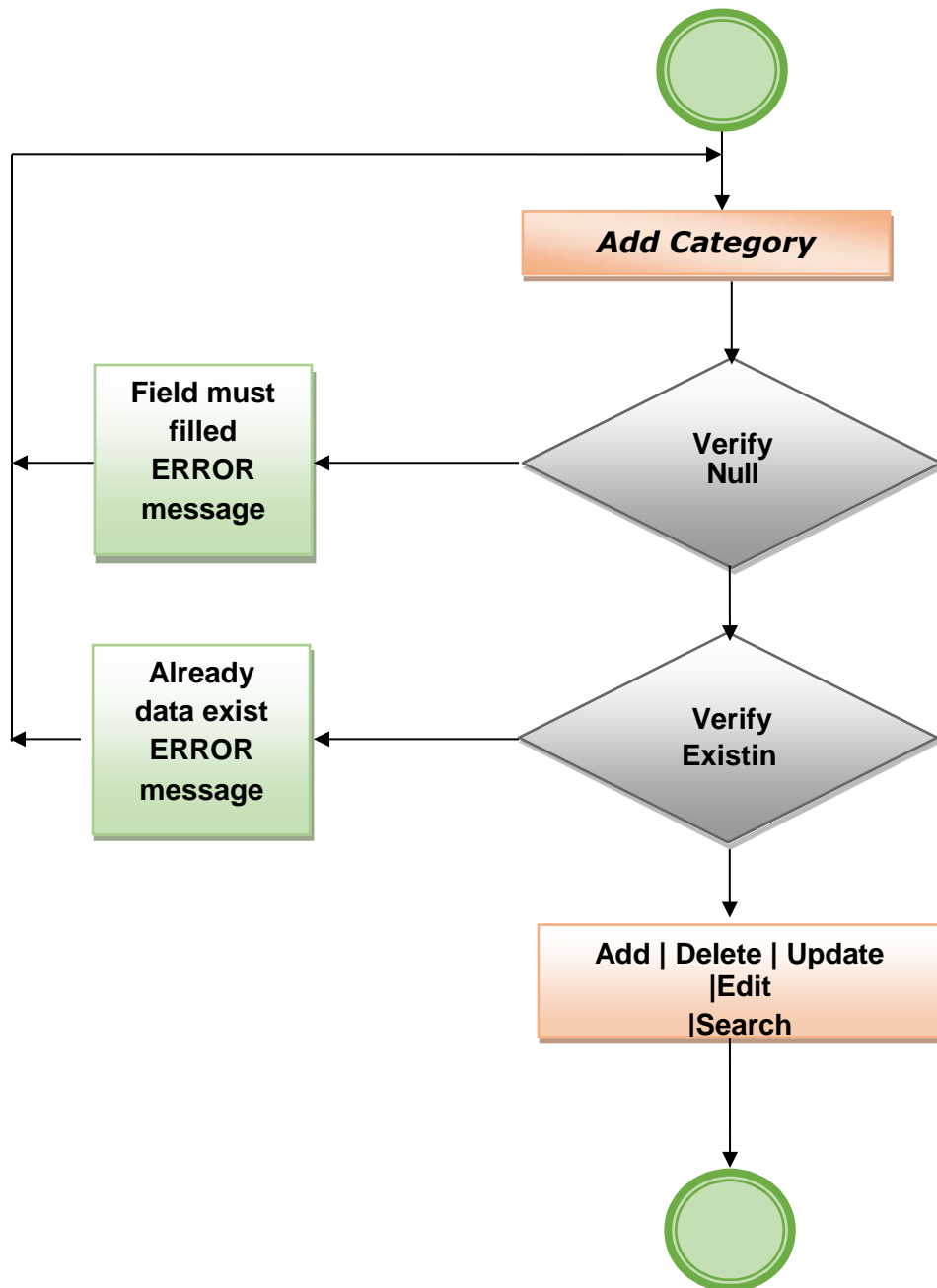
➤ Activity Diagram of Overall Admin site :



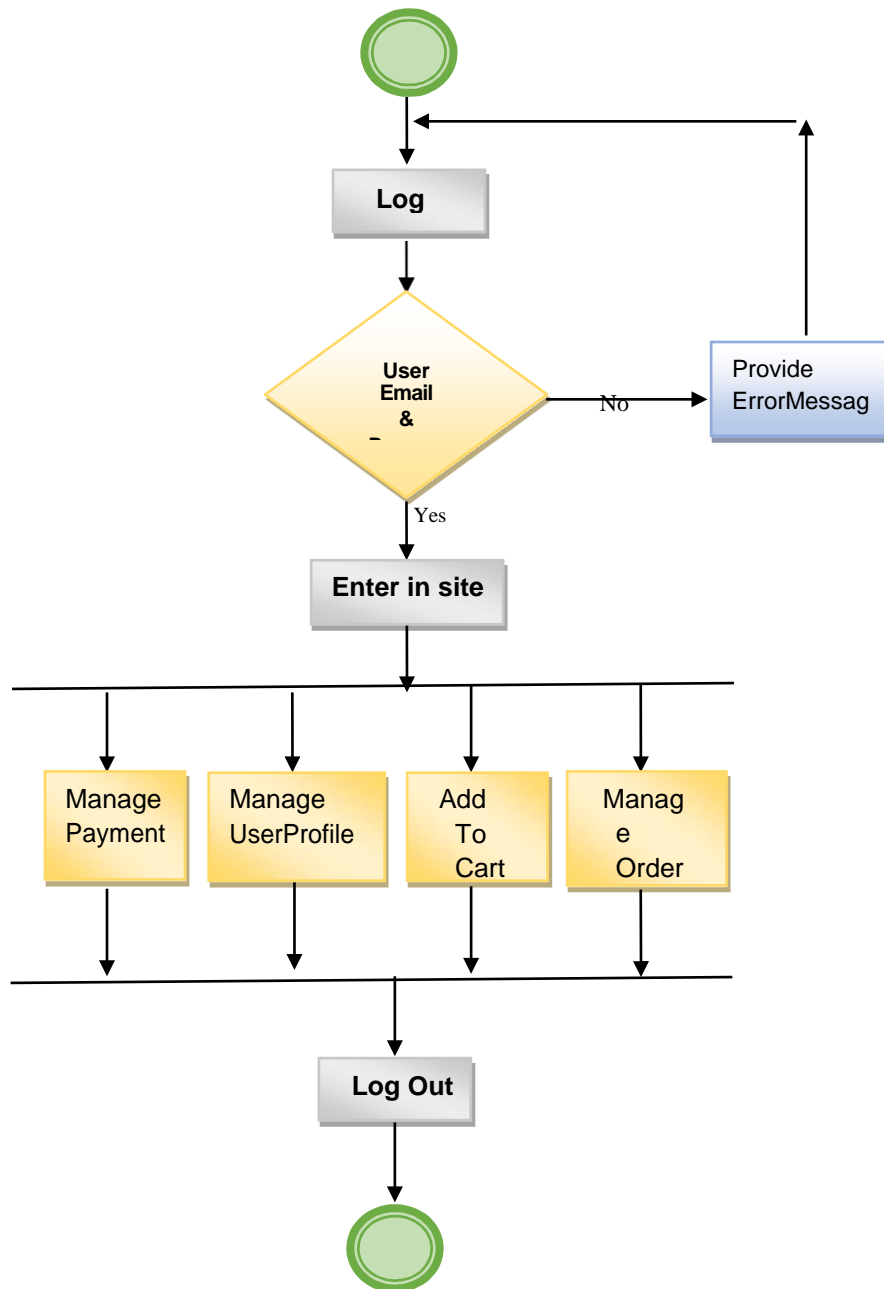
➤ Activity Diagram of Manage Products



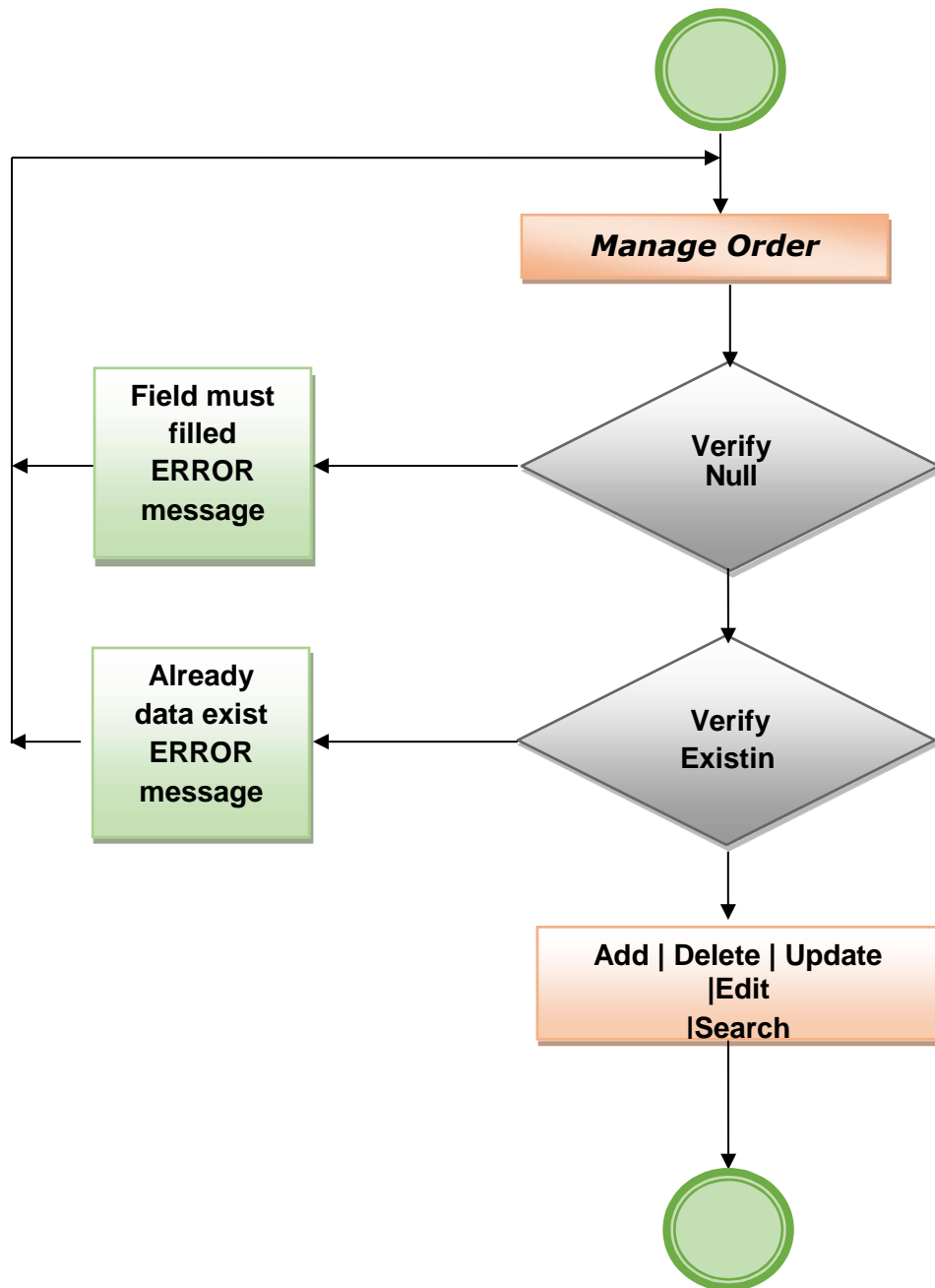
➤ Activity Diagram of Manage Category for Category



➤ **Activity Diagram of Overall User site :**



➤ Activity Diagram of Manage Order



3.1 Data Dictionary

<u>Table No.</u>	<u>Table Name</u>
1	User
2	Category
3	Product
4	Cart
5	Order
6	Page
7	Address

1) Table Name: User**Description:** This table is Used for User Details.

Column Name	Data Type	Allow Null
Firstname	String	yes
lastName	String	Yes
Username	String	Yes
Email	String	
Hash_Password	String	Yes

2) Table Name: Category**Description:** This table is Used for Category Details.

Column Name	Data Type	Allow Null
Name	String	No
Slug	String	Yes
Type	String	yes
CategoryImage	String	yes
ParentId	String	yes

3) Table Name: Product**Description:** This table is Used for Product Details.

Column Name	Data Type	Allow Null
Id	Int	No
Name	String	Yes
Slug	String	Yes
Price	Number	Yes
Quantity	Number	Yes
Offer	Number	Yes
Description	String	Yes
productPicture	String	Yes
Reviews	String	Yes
Category	String	Yes

4) Table Name: Cart**Description:** This table is Used for Cart Details.

Column Name	Data Type	Allow Null
User	String	No
Cartitems	number	Yes

5) Table Name: Order**Description:** This table is Used for Order Details.

Column Name	Data Type	Allow Null
User	String	No
addressId	Id	Yes
totalAmount	Number	Yes
Items	Number	Yes
paymentStatus	String	Yes
paymentType	String	Yes
orderStatus	String	Yes

6) Table Name: Page**Description:** This table is Used for Page Details.

Column Name	Data Type	Allow Null
Title	String	No
Description	String	Yes
Banners	String	No
Products	String	No
Category	String	No

7) Table Name: Address**Description:** This table is Used for Address Details.

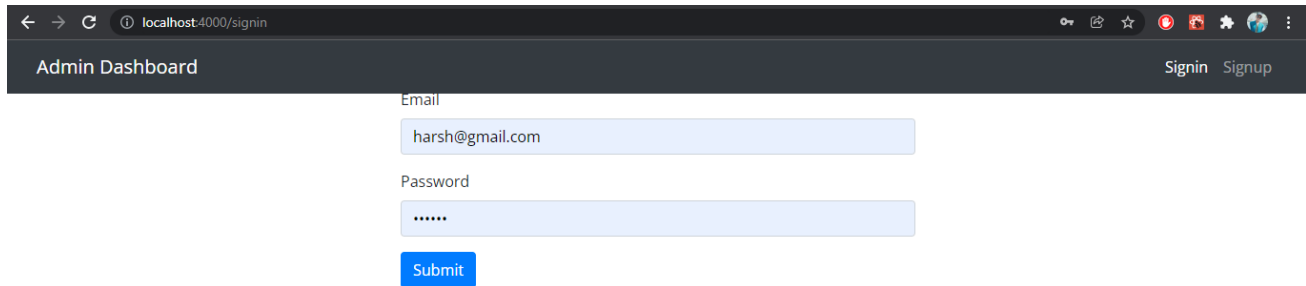
Column Name	Data Type	Allow Null
Name	String	No
mobileNumber	String	Yes
Pincode	String	Yes
Locality	String	Yes
Address	String	Yes
cityDistrictTown	String	Yes
State	String	Yes
Landmark	String	Yes
alternatePhone	String	Yes
addressType	String	Yes

4. Deployment

4.1 Screen Layout

❖ Admin Site:

➤ Login:



The screenshot shows a web browser window with the address bar displaying 'localhost:4000/signin'. The page has a dark header bar with 'Admin Dashboard' on the left and 'Signin' and 'Signup' links on the right. The main content area contains a login form with two input fields: 'Email' with the value 'harsh@gmail.com' and 'Password' with masked characters '.....'. Below the password field is a blue 'Submit' button.

Description : This page use for admin login

➤ Sing Up:

Admin Dashboard

First Name

Last Name

Email

harsh@gmail.com

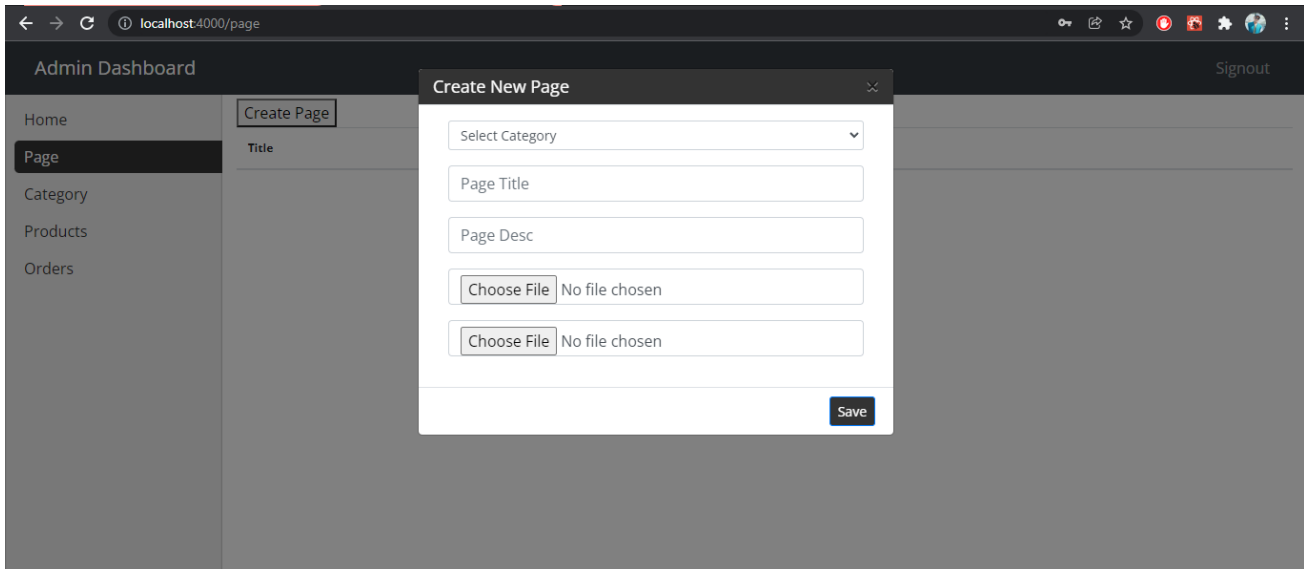
Password

.....

Submit

Description : This page Use for Admin Sing-up Details.

➤ Create Page:



The screenshot shows the 'Create New Page' modal in the Moonlight Admin Dashboard. The modal is centered on the screen and contains the following fields and elements:

- Select Category:** A dropdown menu.
- Page Title:** A text input field.
- Page Desc:** A text input field.
- Image Uploads:** Two identical sections, each consisting of a 'Choose File' button and a 'No file chosen' text label.
- Save:** A blue button at the bottom right of the modal.

The background shows the Admin Dashboard with a sidebar containing links to Home, Page, Category, Products, and Orders. The 'Page' link is highlighted. The main content area has a 'Create Page' button and a 'Title' label.

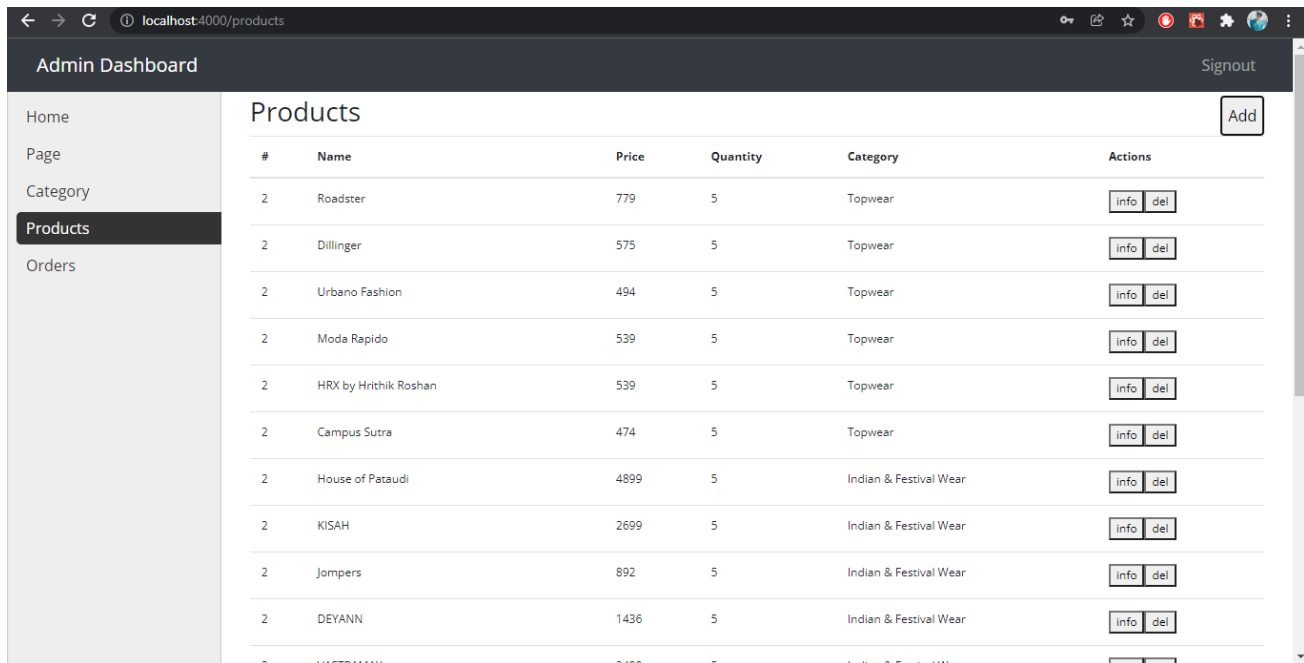
Description : This page Use for Creating a page.

➤ Add Product:

The screenshot shows an 'Admin Dashboard' with a sidebar containing 'Home', 'Page', 'Category', 'Products', and 'Orders'. The 'Products' section is active, displaying a table of existing products. An 'Add New Product' modal is open, featuring the following fields: 'Name' (with a placeholder 'Product Name'), 'Quantity' (with a placeholder 'Quantity'), 'Price' (with a placeholder 'Price'), 'Description' (with a placeholder 'Description'), a 'select category' dropdown menu, and a 'Choose File' button with the text 'No file chosen'. A 'Save' button is located at the bottom right of the modal. In the background, the 'Products' table lists items like 'Roadster', 'Dillinger', 'Urbano Fashion', 'Moda Rapido', 'HRX by Hrithik Roshan', 'Campus Sutra', 'House of Pataudi', 'KISAH', 'Jompers', 'DEYANN', and 'VICTORIAN'. Each row has 'info' and 'del' buttons. An 'Add' button is visible in the top right corner of the dashboard.

Description : This page Use for Add Product Details.

➤ View Product:

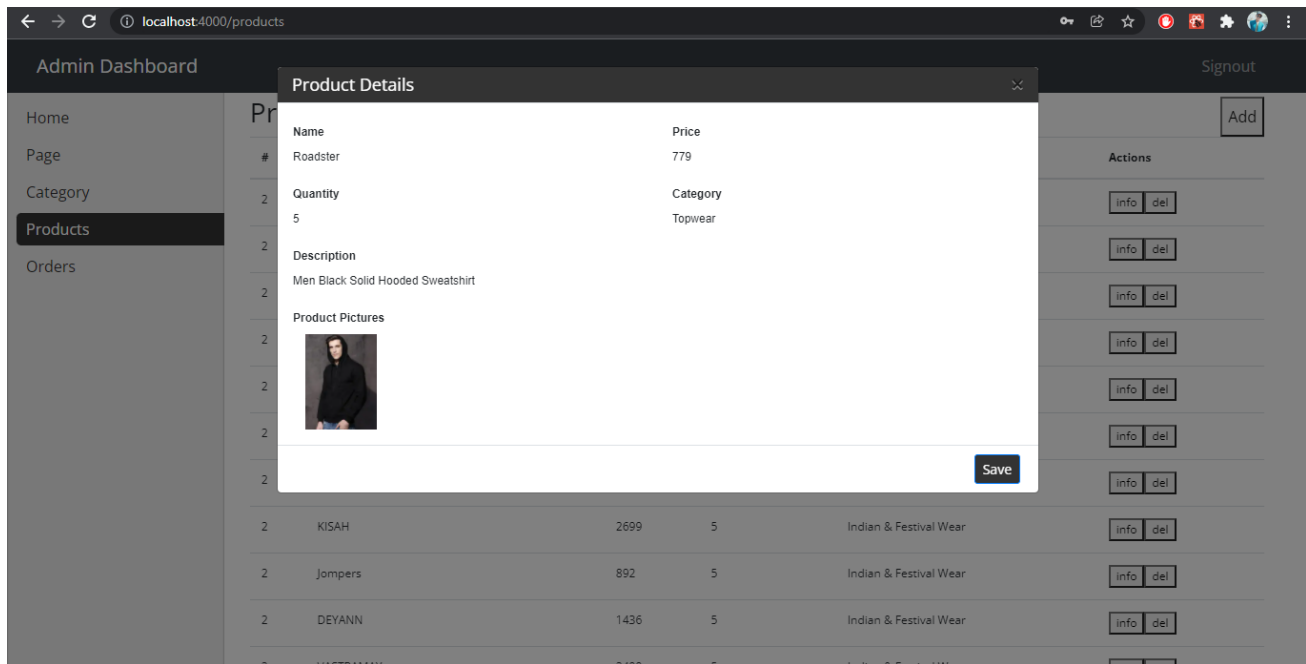


The screenshot shows a web browser at localhost:4000/products. The Admin Dashboard has a sidebar with links: Home, Page, Category, Products (selected), and Orders. The main content area is titled 'Products' and features an 'Add' button. Below is a table with columns: #, Name, Price, Quantity, Category, and Actions. The table lists 11 products, each with an 'info' and 'del' button in the Actions column.

#	Name	Price	Quantity	Category	Actions
2	Roadster	779	5	Topwear	info del
2	Dillinger	575	5	Topwear	info del
2	Urbano Fashion	494	5	Topwear	info del
2	Moda Rapido	539	5	Topwear	info del
2	HRX by Hrithik Roshan	539	5	Topwear	info del
2	Campus Sutra	474	5	Topwear	info del
2	House of Pataudi	4899	5	Indian & Festival Wear	info del
2	KISAH	2699	5	Indian & Festival Wear	info del
2	Jompers	892	5	Indian & Festival Wear	info del
2	DEYANN	1436	5	Indian & Festival Wear	info del
2	VICTORIAN	2400	5	Indian & Festival Wear	info del

Description : This page Use for View products.

➤ View Product Details:



Description : This page Use for View Product Details.

➤ Add Category:

The screenshot shows a web browser window at `localhost:4000/category`. The page is titled 'Admin Dashboard' and has a sidebar with links: Home, Page, Category (selected), Products, and Orders. The main content area is titled 'Category' and lists three categories: mens, women, and kids, each with a checkbox. A modal window titled 'Add New Category' is open, featuring a 'Category Name' input field, a 'select category' dropdown menu, a 'Choose File' button, and a 'Save' button. The browser's address bar shows the URL `localhost:4000/category` and the page title 'moonlight'.

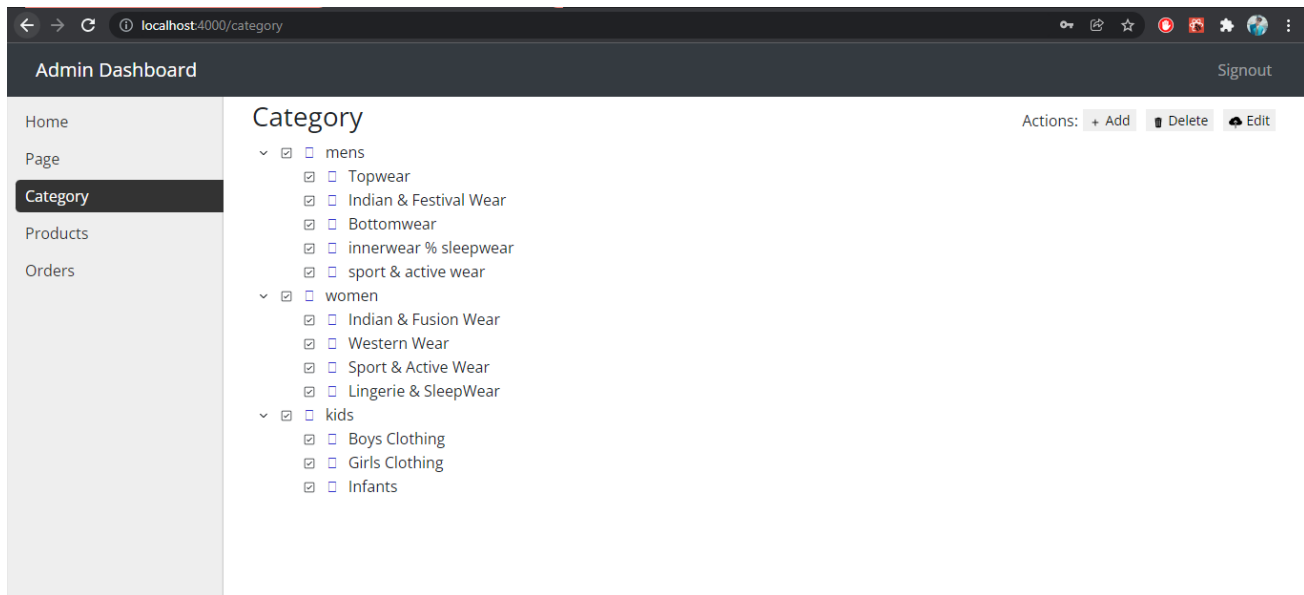
Description : This page Use for Add Category Details.

➤ Edit Category:

The screenshot shows a web browser at `localhost:4000/category` displaying an 'Admin Dashboard'. A sidebar on the left contains links for 'Home', 'Page', 'Category' (which is highlighted), 'Products', and 'Orders'. The main content area is partially obscured by a modal window titled 'Update Categories'. This modal contains two sections: 'Expanded' and 'Checked Categories'. The 'Expanded' section has a text input with 'mens', a dropdown menu labeled 'select category', and another dropdown menu labeled 'Select Type'. The 'Checked Categories' section has a text input with 'Topwear', a dropdown menu labeled 'mens', and another dropdown menu labeled 'Select Type'. A 'Save' button is located at the bottom right of the modal. In the background, a table with columns for 'actions' and buttons for '+ Add', 'Delete', and 'Edit' is visible.

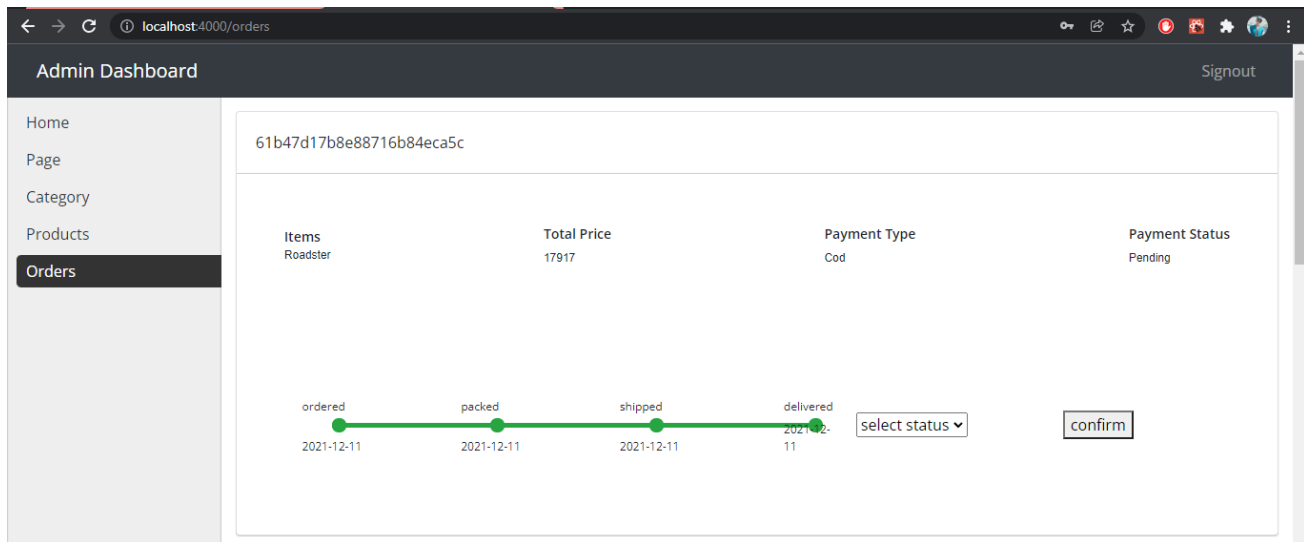
Description : This page Use for Edit Category Details.

➤ Display Category:



Description : This page Use for View all Category.

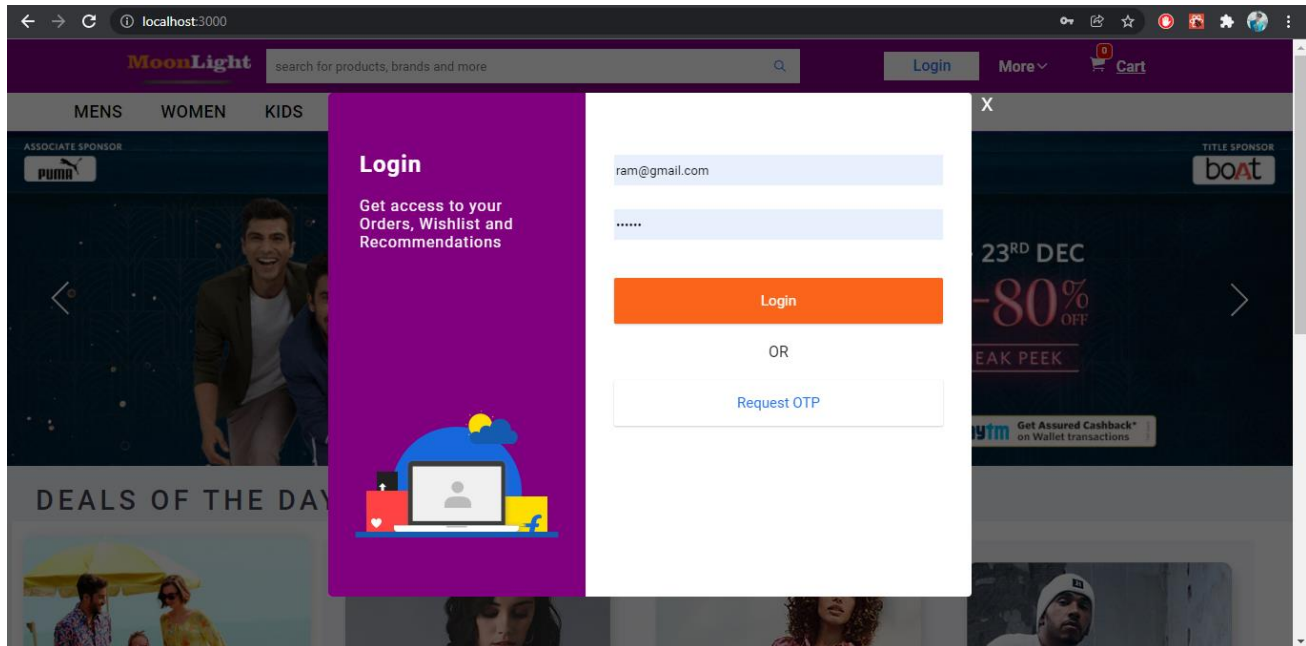
➤ View orders:



Description : This page Use for View orders and status.

❖ User Site:

➤ Login:



Description : This page is Use for User Login.

➤ Signup:

The screenshot shows a web browser at localhost:3000 displaying the MoonLight website. A modal is open for user authentication. The modal has a purple background on the left with the text "Login" and "Get access to your Orders, Wishlist and Recommendations" along with an illustration of a laptop and a smartphone. On the right, there is a white form with the following fields: "Enter First Name" (filled with "Ram"), "Enter Last Name" (filled with "Vanjara"), "Enter Email/Mobile Number" (filled with "ram@gmail.com"), and "Enter Password" (filled with "*****"). Below these fields is an orange "Register" button. Underneath the button is the text "OR" and a blue link "Request OTP". The background of the website shows a navigation bar with "MENS", "WOMEN", and "KIDS" categories, a search bar, and a "Login" button. There are also banners for "DEALS OF THE DAY" and "23RD DEC -80% OFF".

Description : This page is Use for ragisteration user self .

➤ Home page::

MoonLight search for products, brands and more [Login](#) [More](#) [Cart](#)


[MENS](#) [WOMEN](#) [KIDS](#)

ASSOCIATE SPONSOR **PUMA** **INDIA'S BIGGEST FASHION SALE** TITLE SPONSOR **boat**

18TH - 23RD DEC
50-80% OFF
+ SNEAK PEEK


END OF REASON SALE

DEALS OF THE DAY




U.S. POLO ASSN.
SINCE 1890

Up To 50% Off




30-60% Off



VERO MODA

Min. 50% Off



TOMMY HILFIGER

30-50% Off

BEST ONLINE SHOPPING SITE IN INDIA FOR FASHION
Be it clothing, MoonLight offers you the ideal combination of fashion and functionality for men, women and kids. You will realise that the sky is the limit when it comes to the types of outfits that you can purchase for different occasions.

ONLINE SHOPPING
[Men](#)
[Women](#)
[Kids](#)
[Gift Cards](#)

Legal
[Privacy](#)
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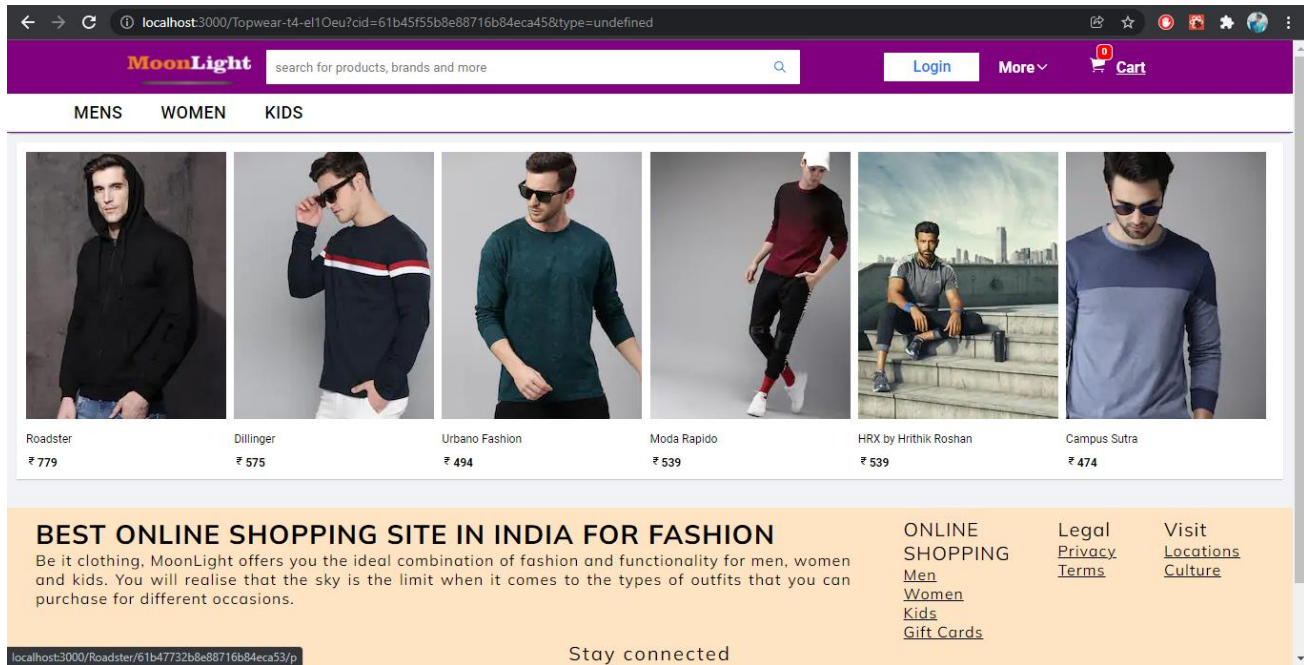
Stay connected

[f](#) [t](#) [i](#) [in](#) [p](#) [v](#)

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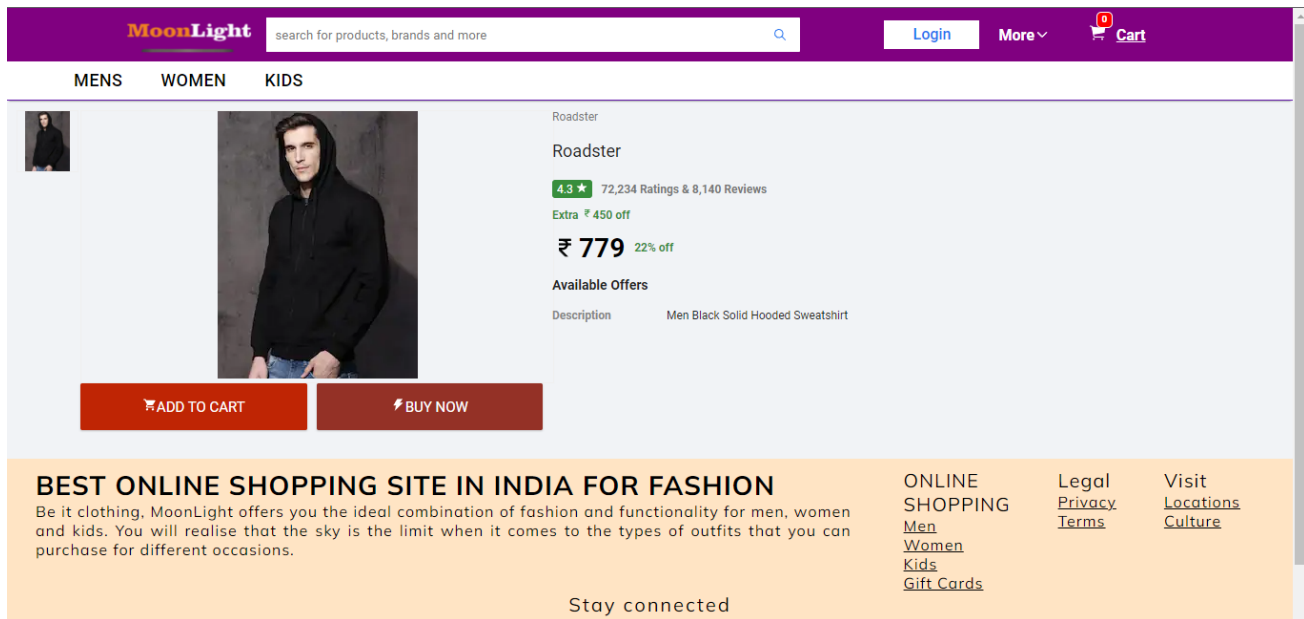
Description : This is a home page. In which user can view all products category.

➤ Product:



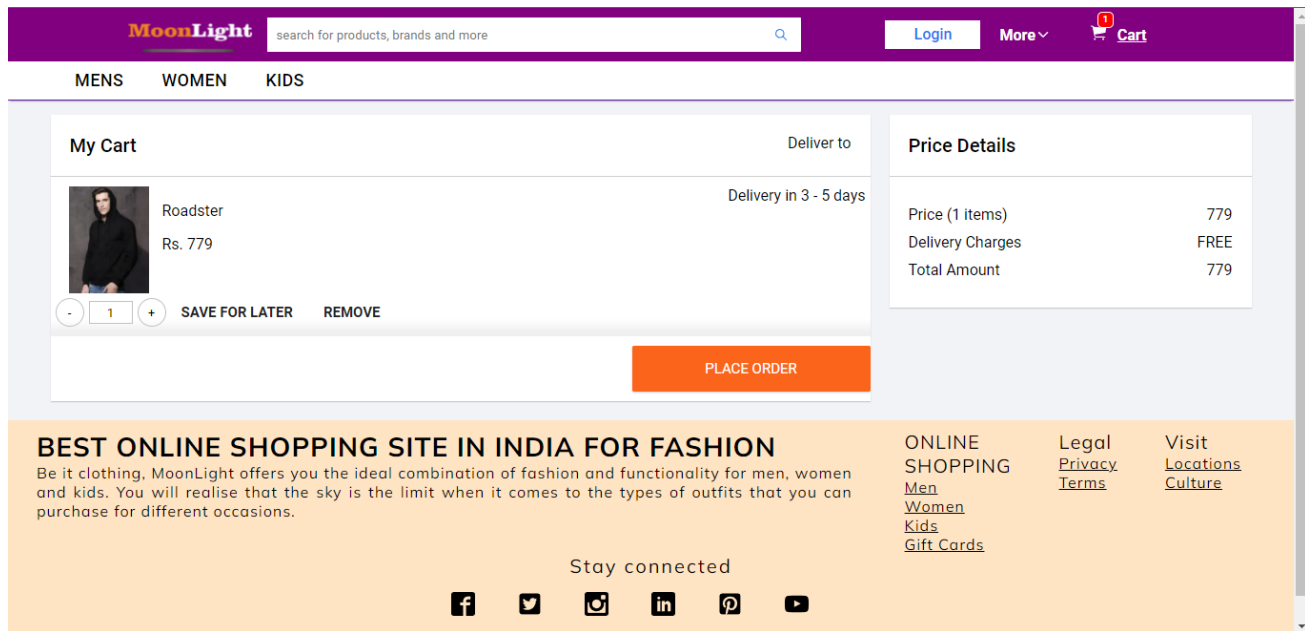
Description : This is product store page. In which user can view selected category product

➤ Display item:



Description : This is Display item page. In which user can view the details about selected items

➤ Add to cart:



Description : This is Add to cart page. In which user can put selected item in cart.

➤ **Delivery address:**

The screenshot displays the MoonLight website interface. At the top, there is a purple header with the MoonLight logo, a search bar, and user information (Ram Vanjara). Below the header, navigation links for MENS, WOMEN, and KIDS are visible. The main content area is divided into two columns. The left column contains a vertical list of steps: 1 LOGIN, 2 DELIVERY ADDRESS (highlighted in blue), 3 ORDER SUMMARY, and 4 PAYMENT OPTIONS. Under the 'DELIVERY ADDRESS' step, a selected address is shown for 'Ramdhan' with a home icon and a phone number. The address details include 'Road No. 6 Udhna' and 'Gujrat - 394210'. An orange 'DELIVERY HERE' button is present. Below this, there is a link to 'ADD NEW ADDRESS'. The right column features a 'Price Details' table.

Price Details	
Price (1 Items)	779
Delivery Charges	FREE
Total Amount	779

At the bottom of the page, there is a footer with the text 'BEST ONLINE SHOPPING SITE IN INDIA FOR FASHION' and a description of the site. To the right of this text are links for 'ONLINE SHOPPING Men', 'Legal Privacy Terms', and 'Visit Locations Culture'.

Description : This page is use for deliver the product on users address.

➤ Add new address:

The screenshot shows a web browser window with the URL `localhost:3000/checkout`. The user is logged in as `Ram Vanjara ram@gmail.com`. The page is titled **2 DELIVERY ADDRESS**. Below the title, there is a section for the current address: `Ramdhani HOME 7069989488`, `Road No. 6 Udhna`, `Gujrat - 394210`. Below this, there is a section for adding a new address, titled **+ ADD NEW ADDRESS**. This section contains several input fields: `Enter Name`, `Enter 10-digit mobile number`, `Enter Pincode`, `Enter Locality`, `Enter Address`, `Enter City/District/Town`, `Enter State`, `Enter Landmark (Optional)`, and `Enter Alternate Phone (Optional)`. There are also radio buttons for `Address Type` with options `Home` and `Work`. At the bottom of this section is an orange button labeled `SAVE AND DELIVER HERE`. On the right side of the page, there is a **Price Details** sidebar showing: `Price (1 Items) 779`, `Delivery Charges FREE`, and `Total Amount 779`.

Description : This page is use for add new address for product delivery.

➤ Confirm Order:

1 LOGIN
Ram Vanjara ram@gmail.com

2 DELIVERY ADDRESS
Ramdhan Road No. 6 Udhna - 394210

3 ORDER SUMMARY
1 Items

4 PAYMENT OPTIONS
☒ Cash on delivery
CONFIRM ORDER

Price Details

Price (1 Items)	779
Delivery Charges	FREE
Total Amount	779

BEST ONLINE SHOPPING SITE IN INDIA FOR FASHION
Be it clothing, MoonLight offers you the ideal combination of fashion and functionality for men, women and kids. You will realise that the sky is the limit when it comes to the types of outfits that you can purchase for different occasions.

ONLINE SHOPPING
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Description : This page is use for confirm order.

➤ Display orders details:

The screenshot displays the MoonLight website interface. At the top, there is a navigation bar with the MoonLight logo, a search bar, and user information (Ram Vanjara). Below the navigation bar, there are tabs for MENS, WOMEN, and KIDS. The main content area shows the order details for a 'Roadster' item, priced at ₹ 779. The order status is 'Ordered', and the delivery address is 'Ramdhan, Road No. 6 Udhna, Phone number 7069989488'. A progress bar indicates the order stages: Ordered, Packed, Shipped, and Delivered. The bottom section features a promotional banner for 'BEST ONLINE SHOPPING SITE IN INDIA FOR FASHION' and a footer with social media links and copyright information.

localhost3000/order_details/61b906b4559f460ab45b809c

MoonLight search for products, brands and more

Ram Vanjara More  **Cart**

MENS WOMEN KIDS

Delivery Address
Ramdhan
Road No. 6 Udhna
Phone number 7069989488

More Actions
Download Invoice

Roadster
₹ 779

Ordered Packed Shipped Delivered

2021-12-15







BEST ONLINE SHOPPING SITE IN INDIA FOR FASHION
Be it clothing, MoonLight offers you the ideal combination of fashion and functionality for men, women and kids. You will realise that the sky is the limit when it comes to the types of outfits that you can purchase for different occasions.

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Description : This page is display all orders of user.

5. Proposed Enhancements

- The duration time was of 2 months .
- Hence, in the future enhancement, the project can be extended to have facility for visitor to comment to any case. The project can be enhanced in many facilities in future.
- As software is used, the user will recognize additional functions that will provide benefits, perfective maintenance extends the s/w beyond it original functional requirements.
- At same time, the requirements as shown in this project report may also change to provide user's need or per software enhancement requirements.
- In Future we will browse many categories for management system.

6. Conclusion

- THIS IS OUR 3RD SEMESTER PROJECT , WHICH IS A LIVE PROJECT FOR CLOTHE PURCHESING, AND PRODUCT PROVIDER WEBSITE NAME IS “MOONLIGHT FASHION”.

WE LERNED LOTS OF THING`S DURING THIS PROJECT .
AND NECESSARY CHANGES WILL BE DONE IN FUTURE AS PER
REQRUMENTS.

7. Bibliography

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