# Ecommerce Project

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# Overview

A Full Fledged E-Commerce site with client site, Seller Site and Admin Site;

# Goals

There are three type of user present in this system :

1. **User** : Who can buy Product
2. **Seller** : Every Seller has a shop and he can sell any type of product
3. **Admin** : Admin Can Control anything, update , set rule,  monitor all activities

# User Activities :

**A user have the following activities :**

1. **Register**
2. **Login**
3. **Visit all product (sorting and filter according to field)**
4. **See category item**
5. **Visit Single product**
6. **Add to cart fot purchase and view cart**
7. **Add to wish list for purchase later and view**
8. **Add to compare list for compare with other product**
9. **Give review after purchase product**
10. **Give rating with scale of 5 start**
11. **View all order with status (pedding, accept, at warehouse, deliver)**
12. **View all previous order**
13. **View all review and rating**
14. **Offer from different shop**
15. **Use offer cart to reduce price**

## Register:

A user can register in two way:

- By on Click login using facebook or google
- By fillup the register from which contain the following field
    1) user name
    2) Email
    3) Phone number
    4) Password
    5) Confirm password

## Login:

A user also can login two method

- By using facebook or google
- By fillup Login Form with providing following field
    1. Email or phone number
    2. Password

After login user redirect to home  page

## Home page :

This page contain many section :

**At the top it contain a navigation Bar with some link**

- Product list
- Shop list
- Category
- About Us
- Contact Us
- A user icon 🙂 show profile
- A cart icon 🛒 show my cart
- A wishlist icon 📇 show my wishlist
- Logout icon 📤

**Offer list**

In Here 4 offer cart will show with shop name and offer details by clicking it redirecting to specific shop or specific item on which the offer is available

### About Us section

It will contain about us text with an image on one side and another site containing a list header and text.

### A slider the variable number of slide

Admin can add image with header and small text according to need

### Show category list

8 or 12 best selling category name list here. According to which item sells the most.

A category item has an icon with category name. By clicking on category user goes to category page where all product  under this category show

### Feature shop

It will 8 or 12 top most product selling shop in 2 or 3 rows

### Gallery

It will contain 16 or 20 image variable sizes. Which show the finest products

### Footer

This is also a navigation link wit3 section;

- First section: It show some icon 🏡 of social media like facebook, twitter, youtube etc
- Second section : It will also a navigation bar the herder navigation link
- Last section : contain address and about about us text

# Product Page:

### Navigation Bar:

Same as home pages

### Hero section 🦸 :

It Contain a Banner image to Product And some title text about product ;

### Product List :

Product List : this section contain two section one side bar and a product container;

Product container has a bar where two icons are located with one for grid view and one for list view.

**Grid View**: product show row, column;

(3 row 4 column) or (n row m column).

Following field will show (product name,image,price,discount,category,Rating,shop name, add to cart, add to wishlist, add to compare)

**List view :** One item per row. Following field will show (product name,image,price,discount,category,Rating,shop name, Little description,add to cart, add to wishlist, add to compare)

**Sidebar section** : at top it contains a category list(Every list item has to show how many items are available).

Then it will also have a filter list with following properties:

1. 5 star

2. 4 star

3. 3 star

4. 2 start

5. 1 star

also a max price to min price bar

Then it also contain a sorting option like:

 1. price high to low

 2. price low to high

 3. most selling product

 4. best rating product

 5. most review product

# Single product page

## Hero Section :

single product page start with here section which contain a product banner and some title text (if seller added, else default banner or text will show)

## Product body :

 **left side ->** Contain a image slider (if more than one image have); In bottom product image slider icon

 **Right side ->** Contain a list of fields (product name,image,price,discount,category,Rating,shop name), ( there button add to cart, add to wishlist, add to compare).

Under that a Description text will show

**Product Review** : First contain a review item text box, start to give(1,2,3,4,5) with an add review button. Then a list of reviews .

** Review item from list contain following field (reviewer name,review image(if any), reviewer image ratting, and review description)

# Shop page

## Hero section :
At top it will contain a hero section with image and text

## Shop Body :
**left side ->** shop list with grid view and list view icon at      top

   **grid view field ->**  (shop name, total product,rating,review,     image)

   **list view field ->**  (shop name, total product, Rating,     review,image,Short description)

**Right Side ->** Sidebar with sorting option

      1. Most selling shop

      2. Most Review Shop

      4. Top Ratting shop

# Cart Page

## Hero Section :
A hero image and Hero Text will show

## Cart List :

At top show Total price of cart.Then contain cart list with only list view like a table. Where every row represents an item of cart. first column have product image, 2nd column product name, then single price, quantity with increasing decreasing button, total product price;

Button show a pay button to make payment

## Compare List :

When user want to compare two or more product from same or different shop , user can add product to compare list. This page will compare product according to product description. LIKE price compare with price, quantity compare with quantity, ( suppose a product has following details price 120, weight 2kg and another product has details price 200 and weight 2.5kg now which product will better to buy )

## Payment page

### Hero Section :

Hero image and Hero text

### Body:

It has two part

**Left side ->** Address Form : field (Full Name, Mobile number,Flat or house number, area, town name, Pincode)

**Right side ->** It contain a list of product with name quantity,image, price* quantity = total price. Under the list  Shipping charge,discount, VAT then all sum to get the payment total price.

 A button with Place order option

# Category Page:

 When a user selects a category item from the shop this page will show a specific category item.It is the same as the product list page with selected item from list. Users can filter or short items such as product list items.

# Search Page :

When user search for an item in search bar this page will show with search item.This is also same as the product page with filter and sort option

# User Dashboard :

Dashboard contain Some page with a left sidebar (Drawer System) navigation bar :

# Profile Page:

## Hero Section :

 As usual it contain a banner pic(if user add any) and a text;

## Profile Details :

It contain Fields : user name, phone number, Address, Join Date, Total purchase  product, total money spend

## Order List :

### Hero Section :

Image and text

### Product List :

It shows all the products users buy from different shops with a table view. Each row shows a product which the user ordered. Table column name :

- Image
- Product Name
- Shop Name
- Price
- Quantity ( how many item user buy)
- Purchase Date
- Total cost

## Previous Order List :

### Hero Section :

Image and text

### Product List :

It shows all the products users buy from different shops with a table view. Each row shows a product which the user ordered. Table column name :

- Image
- Product Name
- Shop Name
- Price
- Quantity ( how many item user buy)
- Purchase Date

- Total cost

# Review List :

## Hero Section :

Image and Text

## Review List :

It shows all the reviews given to that product which the user purchased from a different shop with a table view. Each row shows a review of the product. Table column name :

- Review ID
- Product ID
- Image
- Product Name
- Shop Name
- Star given
- Review description
- Post Date
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# Sellers Activities :

A seller is a person who will sells product in his/her shop.Every seller has a shop. Sellers tasks are :

1. **First seller need to create a shop (By filling up a form and request goes to admin for approve )**
2. **Add product from product adding page (Also need to approve from admin to sel that product)**
3. **Edit shop details**
4. **Edit product details**
5. **Dashboard to monitor activities of shop**
6. **Order page for current product order (table view)**
7. **Previous Orders list  (table view)**
8. **View single product selling details (rating , review, reply to review)**

## Create Shop:

User fillup a form to create a shop and a request  sent to admin. If Admin approve user have the sellers activities and shop dashboard link. Create shop have the following fields :

- Shop Name (unique name)
- Banner Image
- Discription

## Edit Shop Details :

A seller can edit shop details anytime from edit shop details pages

## Seller dashboard  :

Dashboard starts with some charts and a couple of list items.

### Sells vs Day chart :

 It will show how many item sell during every day and how the selling product increasing or decreasing day by day

### Sells vs Price Chart :

It shows which level of product is selling more. Which range of price product item sells more time.

### Visitvs addCart vs purchase vs review Chart :

It will be a pie chart which shows how many people visit a single product page vs how many people buy a product and how many people give reviews.

### List of most selling product :

Show a list of most selling product

# Shop Product List :

It will show all Product of this shop with grid view and list view

### Hero section :

Banner image and text

### Product List :

It has two part

**Left side —** Show product with grid view and list view system icon.  Every product Item has the following fields. Like (product name, price, quantity, image, product views number, review number, how many tile sells, add to cart list number)

**Right side —** Show filter option and sorting options

# Single Product View for Shop :

This is same as user single product but including some extra filled like

- A pie chart for visit vs add to card vs total purchase vs total review
- Shop can reply to user review

## Order List Page :

It will show how many orders came from different users. It will also show a table view with a single product in each column. Each column get those field :

- Product name
- Image
- Quantity
- User name
- Order date
- Status (pending, approved, ready, at warehouse , deliver,Denied  ) *
- Dropdown menu to change status

## Previous Order List :

It will show all orders that came from different users. It will also show a table view with a single product in each column. Each column get those field :

- Product name
- Image
- Quantity
- User name
- Order date
- Status (  deliver,Denied  ) *

## Add Product Page :

Shop owners can add a product on this page.A request goes to admin for approve.  It has a from with some field

- Product name
- Product cover page
- Product image ( Could be multiple img for one product)
- Quantity
- Quality
- Product size ( for xl ,m,sm)
- Category (dropdown category list)

- Color
- Description

## Edit Product Page :

Seller can edit product anytime for that seller need to approval from admin. It has same field as add product page has.

## Admin  Activities :

Admin can monitor all the activities for any user or shop. Such as

- **Add Category**
- **Remove category**
- **Block a user**
- **Block a product block shop**
- **Block product to sell**
- **Accept or denied  shop request**
- **Accept or denied  product request**

## Admin Dashboard :

It contain with some chart which show details from every shop and product of this website

### Monthly sells Chart :

This show in which month how many product are selles, and total money income during the day

### Sells vs Price Chart :

This show which range of price product sells most during each month

## Sells increasing decreasing Chart :

This show is increasing or decreasing day by day. Simple means price vs day chart

## Top Selling Product :

List top selling product in monthly

# Add Category Page :

This page is a form by which admin can add category items .

## Add Category Form :

A Form Contain a input field and a Add Button

## List of Category Name and Remove Category :

It contain a list of all item and a remove category button by clicking that a category will be remove from the list

# Admin All Product List :

Admin can view all the products from that product list page. It will be same as product list of user and shop (like filtering option and shorting option )  with some extra view and field :

## Product List :

It contain a table view with following field :

- Product name
- Product image
- Price
- Total sells
- Quantity

## Admin All Shop List :

Admin can view all Shop of websites on this page. Page view will be the same as product page (grid and list view) but two extra field :

- Block button (if active)
- Active button (if block)
- How many product sells
- How many review
- And ratting

## Admin All User List :

Admin can view all users of the website in this page. Page view will be the same as product page (grid and list view) but two extra field :

- Block button (if active)
- Active button (if block)
- How many product purchase
- How many review
- Total spends

## Admin Single shop :

It will be the same as a shop single page with an extra block and active button . And every item will be the same also with extra two button (block and active)

## Admin Single Product :

Same as single product from user or shop with (active and block item)

## Admin Single User :

Same as user profile page  from user with (active and block item)

## Shop Block List :

Will show list of BLock shop with an active button

## product Block List :

Will show list of BLock product with an active button

## User  Block List :

Will show list of BLock user  with an active button

## Accept Shop Request :

That will be a list ot request from different user. Admin check the request and approve or denied request.

## Accept Product Requets :

That will also a request list from different shop. Admin check those request and approve or denied