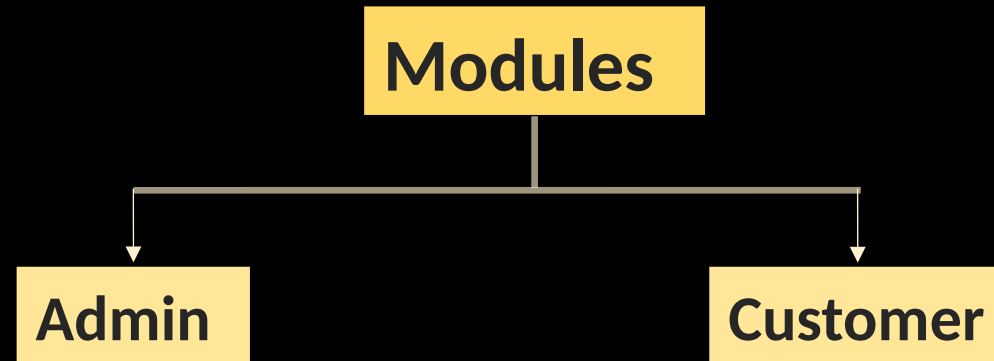**Project:** Ecommerce Pearl

Table of Contents

- ✓ Project overview
- ✓ Technologies used
- ✓ Database Design
- ✓ File Structure
- ✓ Flowcharts/Process diagrams
- ✓ Screenshots
- ✓ Installation guide

Project overview

Our project name is an ecommerce website which mainly deals in imitation jewelry, Cosmetics and Perfumes. And this project rely's on only two modules.

```
                    Modules
                       |
            +----------+----------+
            |                     |
          Admin               Customer
```

Admin Functionalities

❖ **Manage Categories and Products:**
  Add new categories to the website for better organization.
  Delete categories that are no longer relevant.
  Add new products to the website, specifying details such as name, description, price, and images.
  Delete products that are discontinued or no longer in stock.

❖ **Update Product Information:**
  Edit and update the information for existing products, including price, description, and images.

❖ **Database Management:**
  Add or delete records in the website's database, which may include information about products, users, orders, and more.

❖ **Database Backup:**
  Regularly create backups of the database to prevent data loss in case of system failures, hacking attempts, or other unforeseen events.

❖ **Generate/View Top 10 Best Selling Products Report:**
  Generate and view reports that list the top 10 best-selling products, which can help in assessing product popularity and optimizing sales strategies.

❖ **Generate/View Top 10 Clients/Users Report:**
  Generate and view reports that identify the top 10 clients or users who are making the maximum number of purchases on the website. This information can be useful for customer engagement and marketing strategies.

Customer Functionalities

❖ **Browse Categories and Products:**

Explore and navigate through the available categories and products on the website.

❖ **Add Products to Shopping Basket:**

Select products of interest and add them to the shopping basket or cart for potential purchase.

❖ **Specify Quantity:**

Set the desired quantity for each selected product within the shopping basket.

❖ **Complete/Finalize Order:**

Proceed to complete and finalize the order by providing necessary information.

❖ **Search Products by Name:**

Utilize the search functionality to find specific products by name or keywords.

❖ **Track Order:**

Access order tracking features to monitor the status and delivery progress of their placed orders. This may include estimated delivery times and shipment tracking information.

❖ **Product Reviews:**

Provide product reviews after completing an order. Customers can:

Submit a review with their thoughts on the purchased product.

Update their review at a later time to reflect any changes in their opinion.

Delete their review if they no longer wish to have it displayed.

Technologies used

As Our Project has full stack functionality app so we have used frontend+backend technologies.

Database Design

File structure

ECOMMERCE_PEARL_ORDER_...
- css
- Dashboard
- Database
- fonts
- images
- js
- vendor
- about.php
- change-profile.php
- checkout.php
- footer.php
- header.php
- index.php
- loadAjax.php
- login.php
- logout.php
- pagination.php
- product-detail.php
- product.php
- query.php
- review-show.php
- review-update.php
- review.php
- shoping-cart.php
- signup.php
- trackorder.php

Ecommerce website files

This folder contains database file

Database
- pearl_ecommerce.sql

Dashboard files

Dashboard
- assets
- gulp-tasks
- includes
- node_modules
- pages
- approved_order.php
- bestselling.php
- category_add.php
- category_update.php
- category_view.php
- customers_update.p...
- customers_view.php
- delivered_order.php
- gulpfile.js
- index.php
- login.php
- logout.php
- order_view.php
- package-lock.json
- package.json
- product_add.php
- product_update.php
- product_view.php
- rejected_order.php
- topcustomers.php

These php files

These php files

Connection.php is used up by

includes
- connection.php
- footer.php
- header.php

Dashboard/assets

assets
- css
- fonts
- images
- js
- scss
- vendors

assets/images

images
- auth
- carousel
- dashboard
- faces
- faces-clipart
- file-icons
- lightbox
- samples
- screenshots
- siteimages
- sprites
- favicon.ico

images/siteimages

siteimages
- categoryimg
- productimg

Flowchart/Process diagram

Admin Perspective

1)Entering website url in search bar

Website URL/Dashboard

3)Redirected to Dashboard

Dashboard main page

2)Redirected to login page

Login page

If values correct

If values incorrect

Add/View/Update/Delete/Category

Add/View/Update/Delete Product

View/Update/Delete Customers

View/Accept/Reject/change status of orders

View Top 10 Best Selling products

View Top 10 Customers

Customer Perspective

1)Entering website url in search bar

Website URL

2)Redirected to website main page

Main Page

Products to checkout process

Products page → Product details page → Cart page → Checkout page

Here you can add product to cart

After login customer has access to

Track his/her order

Submit/edit/delete his/her review

Change his/her profile

Redirected to Signup page

Signup Page

If already have any account

Redirected to login page

Login Page

If don't have any account

If not logged in already

If already logged in

If customer wish to update cart

And customer would be redirected to products page again

Then order would be placed

And would be redirected to cart page

Redirected to Main page

Screenshots

Dashboard
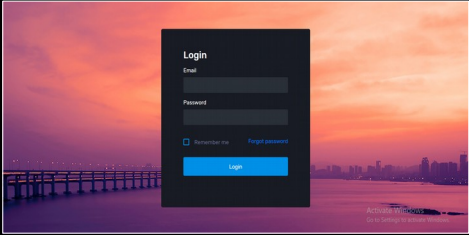
Login page
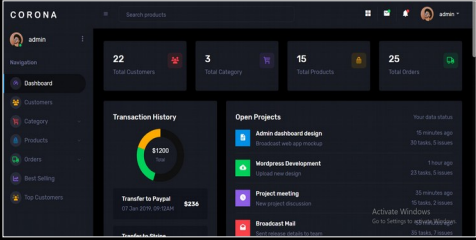
Dashboard's main page
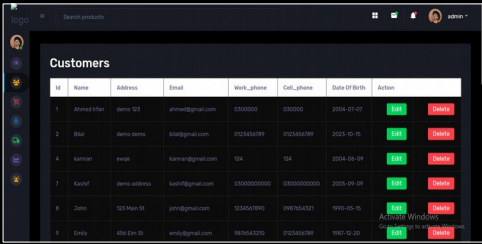
Customers view page
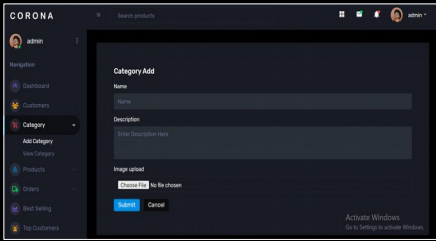
Category add page
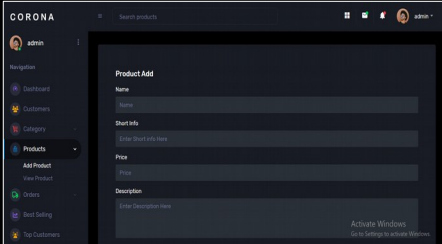
Products add page
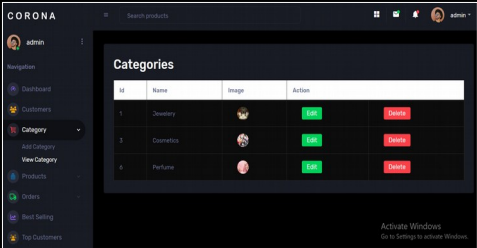
Category view page
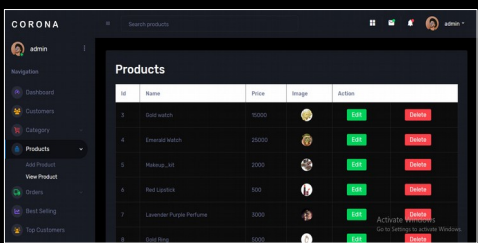
Products view page
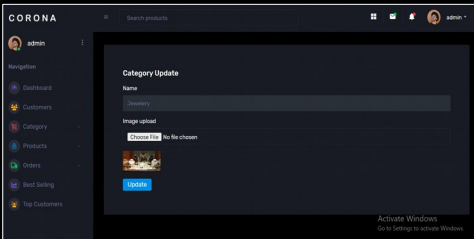
Category update page
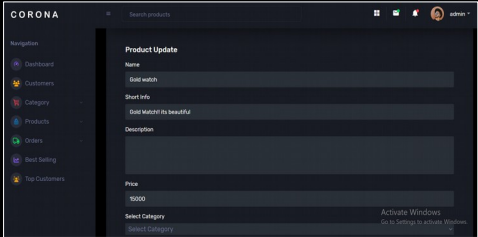
Products update page
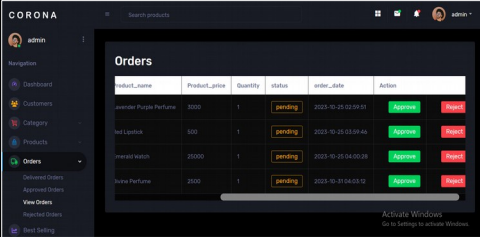
Orders view page
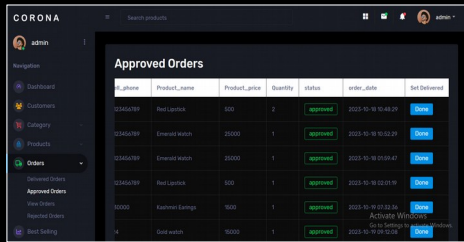
Approved orders page
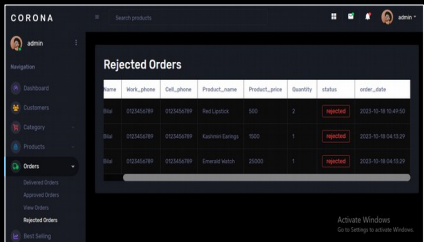
Rejected orders page
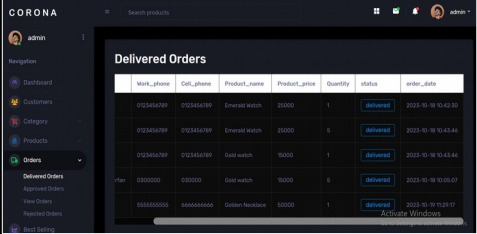
Delivered orders page
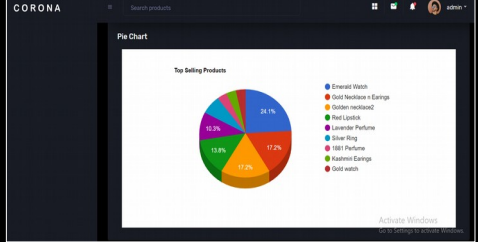
Top 10 best selling products
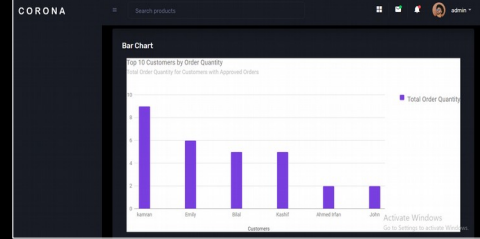
Top 10 best customers
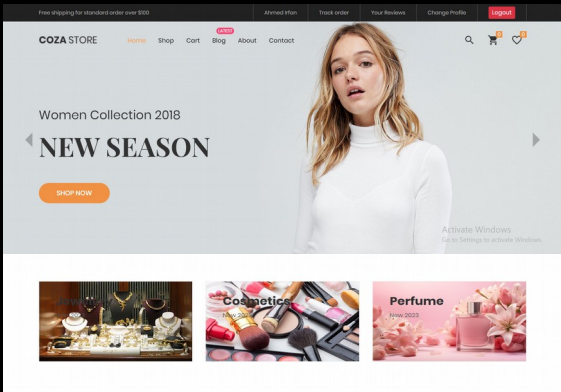
Landing page
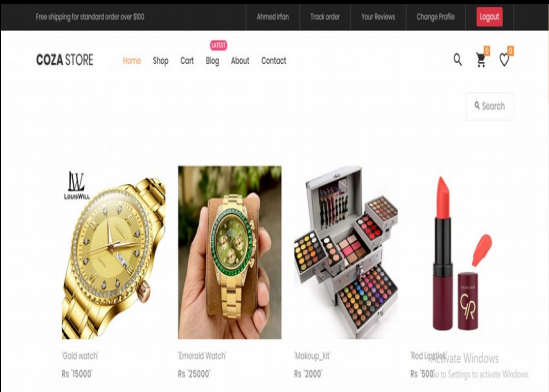
Products page
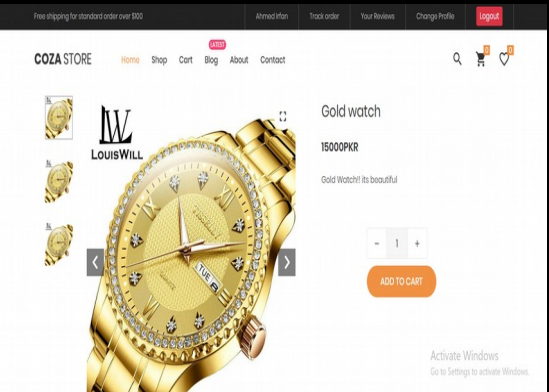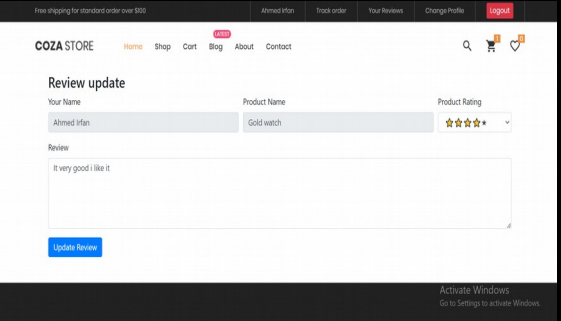

Product detail page
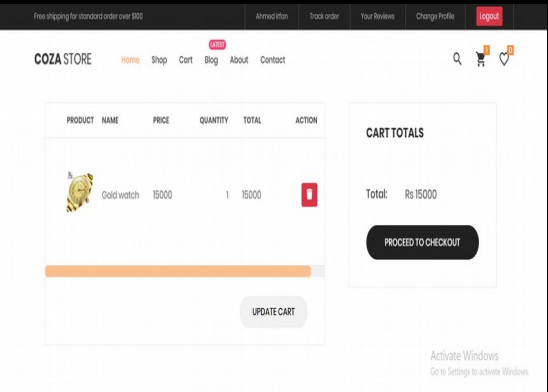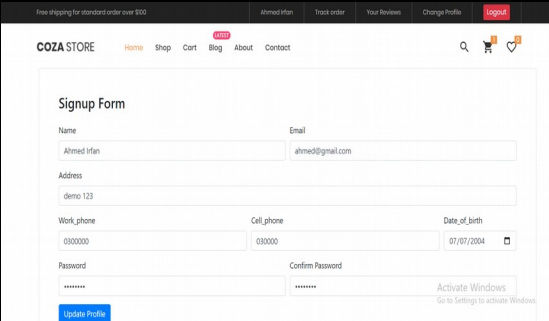

Shopping-cart page
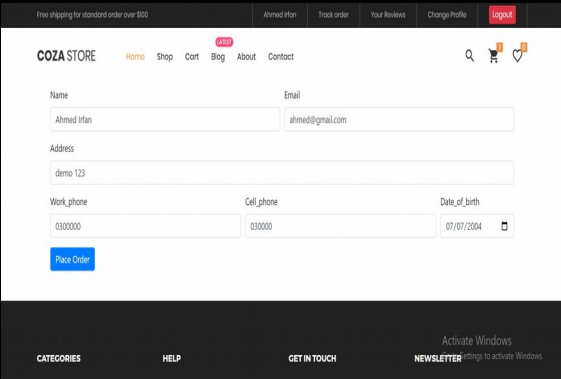
Checkout page
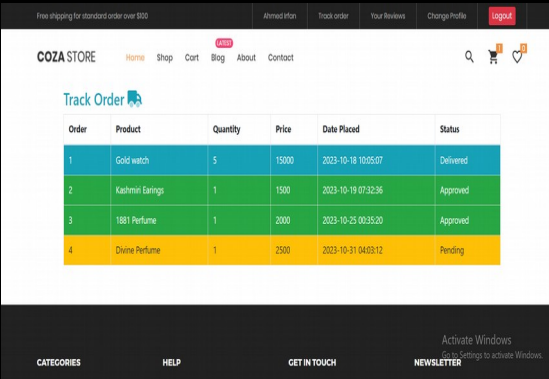
Track orders page
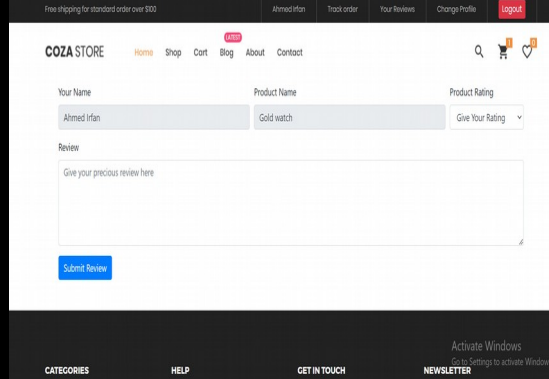
Review submit page
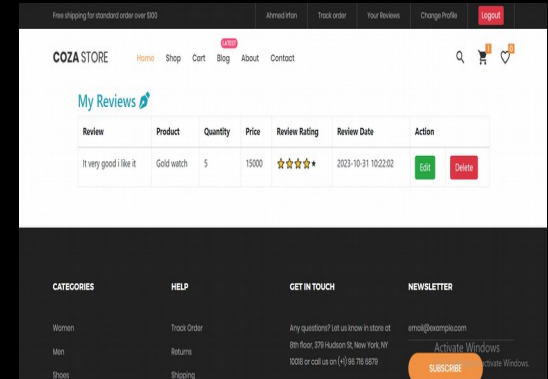
Your reviews page

Review update page

Change profile page
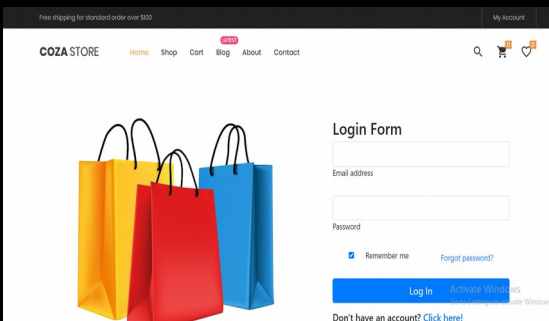
Login page
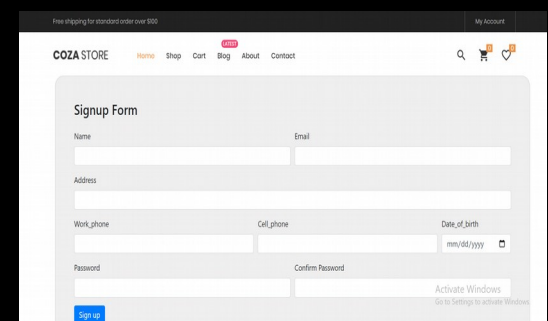
Signup page

Installation Guide

The installation of this project is very simple and easy!

Step1:Download and Install Xaamp on your pc/laptop by this video tutorial

https://www.youtube.com/watch?v=VCHXCusltqI

Step2:Then Download the project from this link

Step3:Then Install/Extract the project with WinRAR
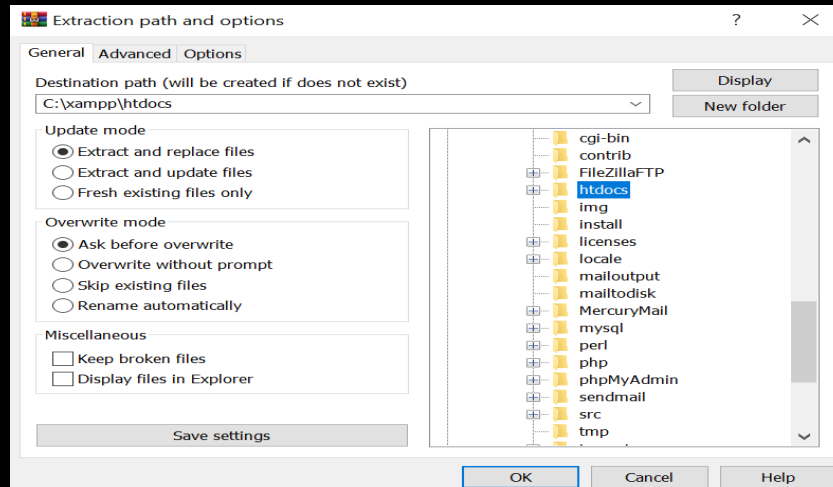
Extract the project zip file to this directory C:\xampp\htdocs is your xaamp is installed in C drive
And
D:\xampp\htdocs is your xaamp is installed in D drive
and same applies to any drive accordingly

Step4:Open xaamp and turn on Apache and MySQL.

Step5:Now go into any browser and search localhost/phpmyadmin
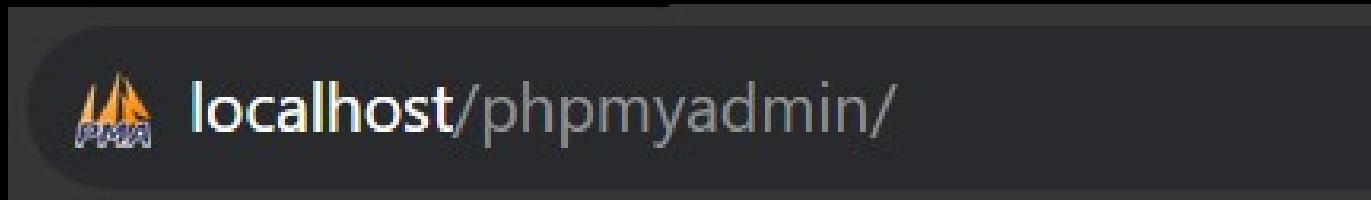
Step5)Then create a new database named pearl_ecommerce

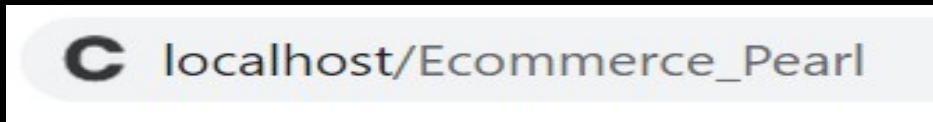## Step6)Now select pearl_ecommerce from sidebar and then click on import option and top

Step7)Then select sql file from Ecommerce_Pearl/Database/pearl_ecommerce.php
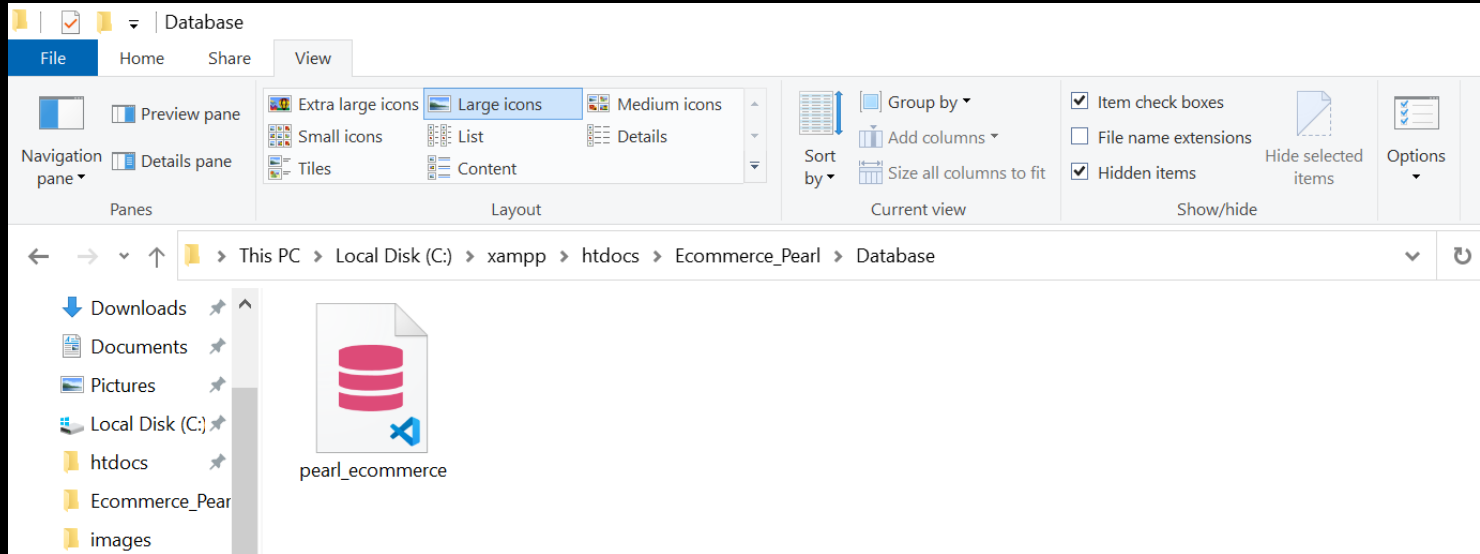
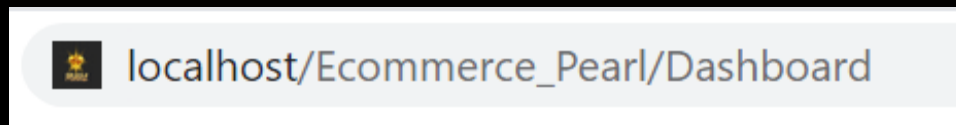Step8)Every time you want to see your website turn on the xaamp follow the same process and then in browser write

localhost/Ecommerce_Pearl ⟶ As a customer/Admin

localhost/Ecommerce_Pearl/Dashboard ⟶ As an Admin only

And Enjoy your are ready to go!

```php
<?php
echo 'Thank You';
?>
```