# Chapter 4 – Implementation

## 4.1 Introduction

Transforming a design of a system into a code in any high level programing language can be said as coding. Coding gives a uniform appearance to the code written by different developers in different programing languages. After designing phase, coding and implementation phase comes under third phase of System Development Life Cycle.

## 4.2 Programming Language

In this project, I have chosen Hypertext Markup Language (HTML) and Cascading Style Sheet (CSS) for designing the front end. Object Oriented Programming (OOP) PHP: Hypertext Preprocessor (PHP) for working on backend and MySQL for storing data and values into database.

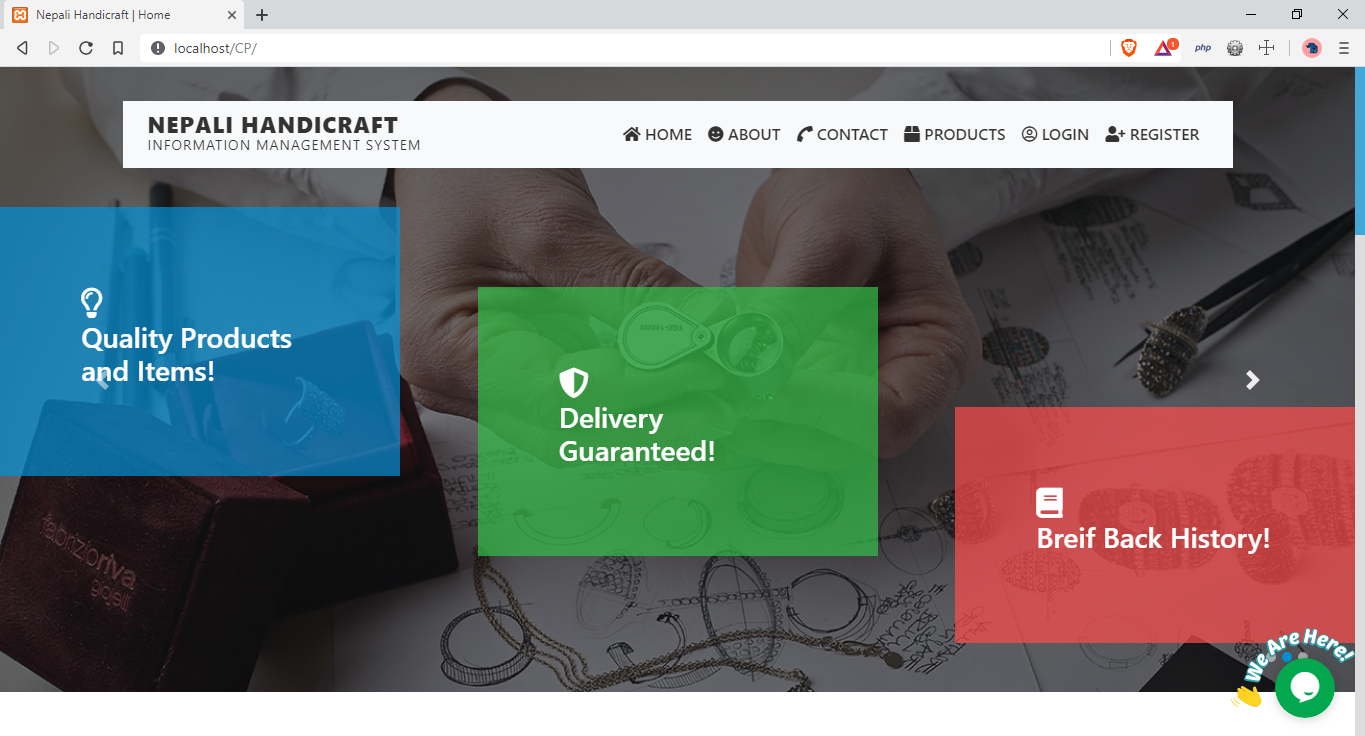
## 4.3 Tools Used

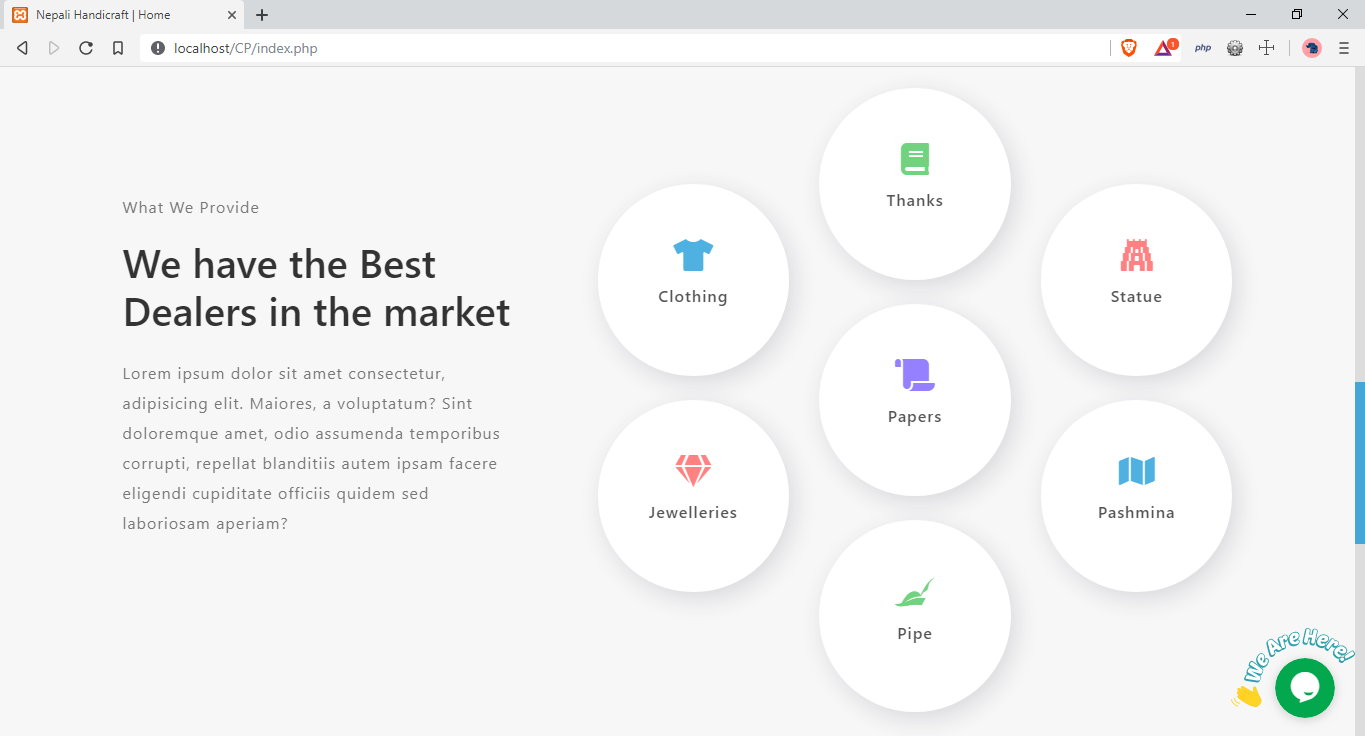
Following tools are used to develop my project.

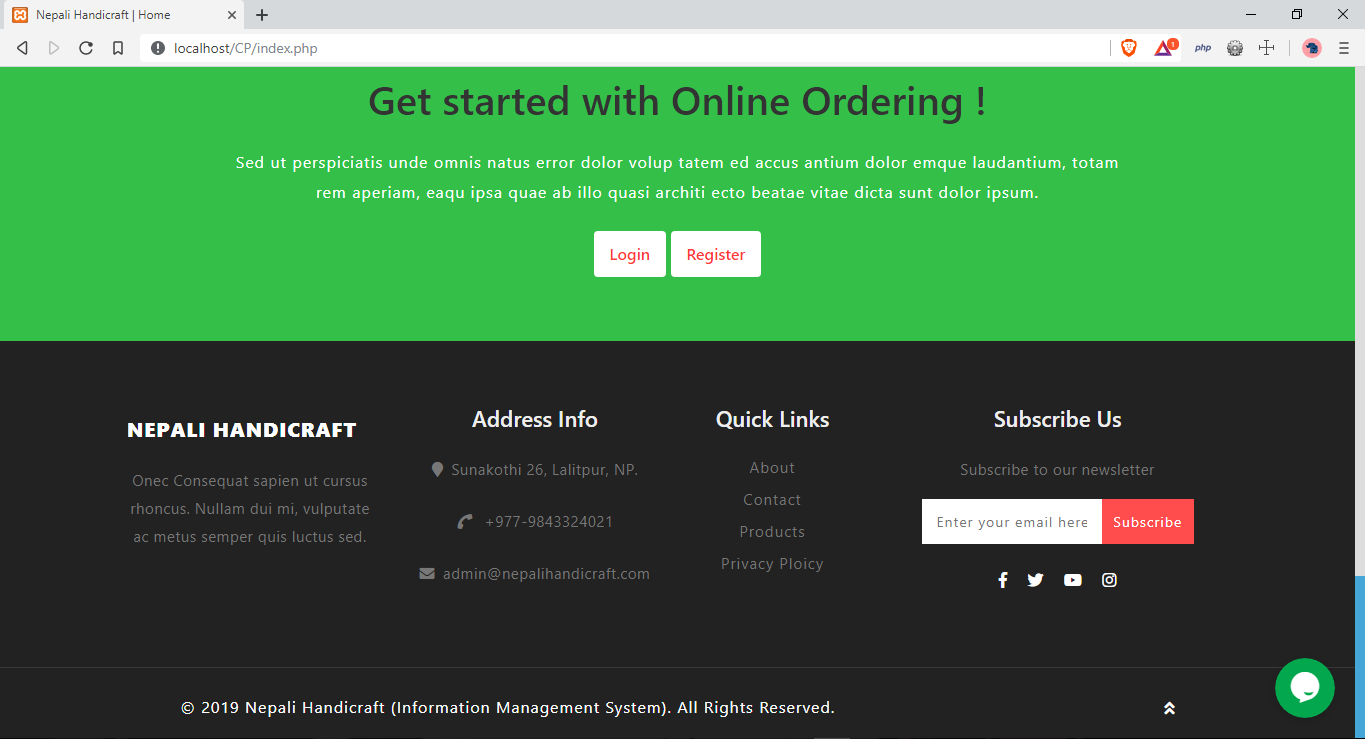
* **Windows 10** as an operating system
* **Visual Studio Code** as a code editor (Open source code editor application)
* Google’s **Chrome** and **Brave** as browsers
* **XAMPP** as a server and database for my machine

## 4.4 Code and Screenshots

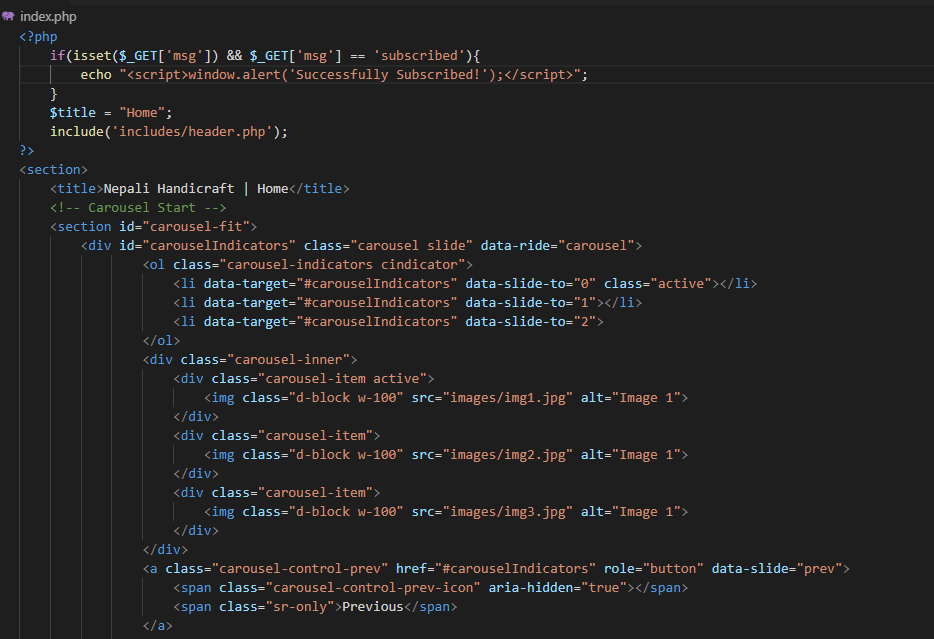
Following are the screenshots and code of the respective frontend and backend:

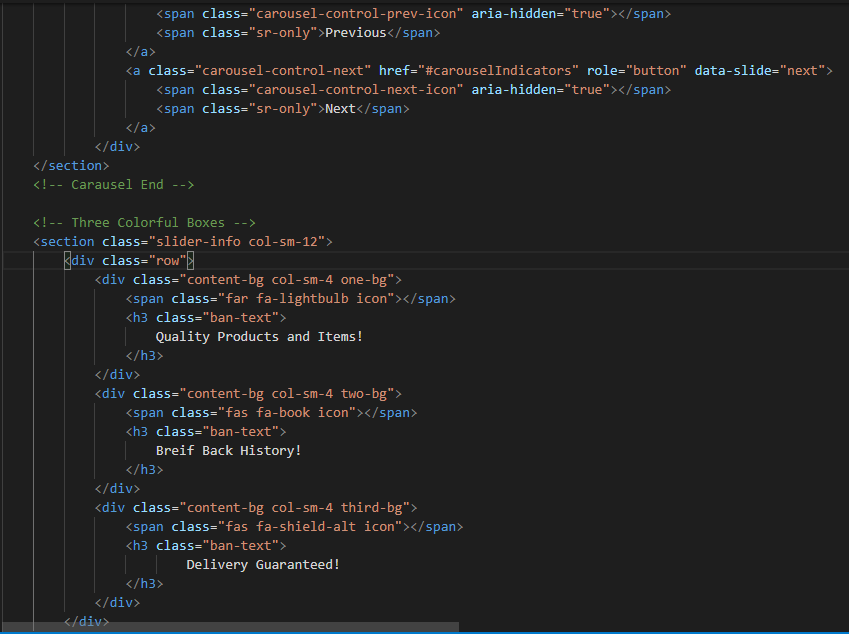


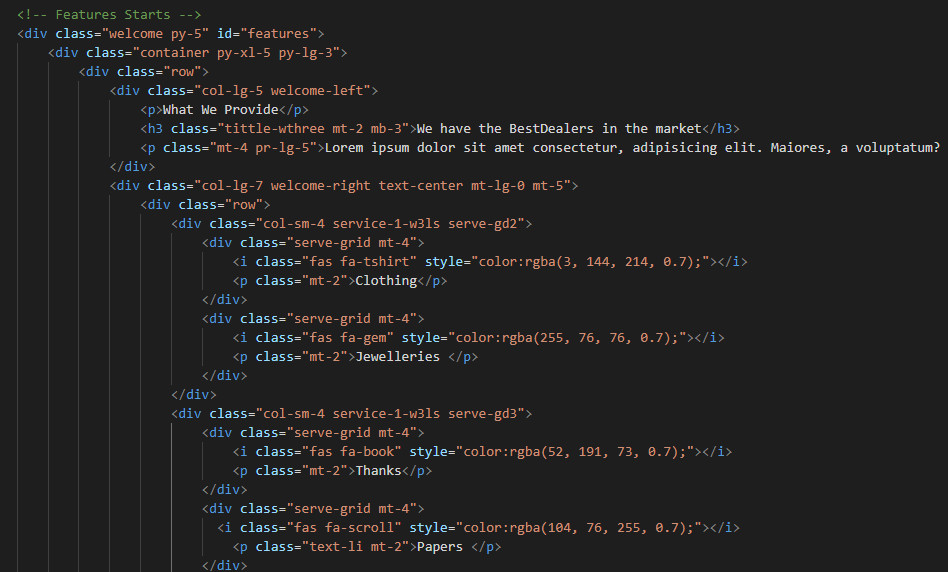


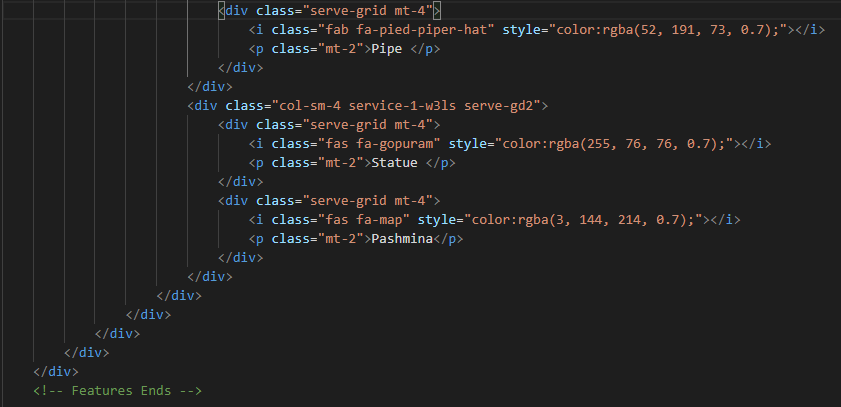


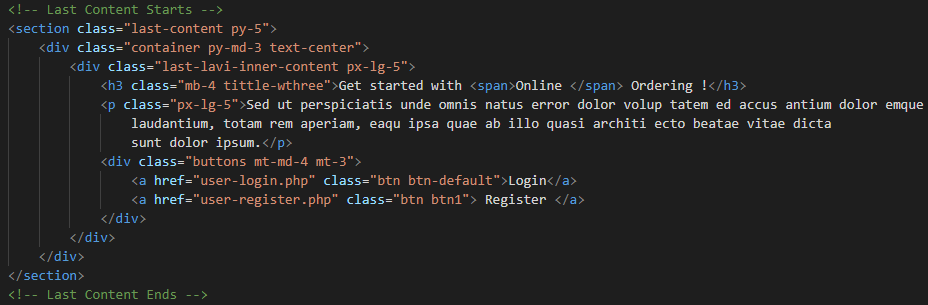
Screenshot: Home Page



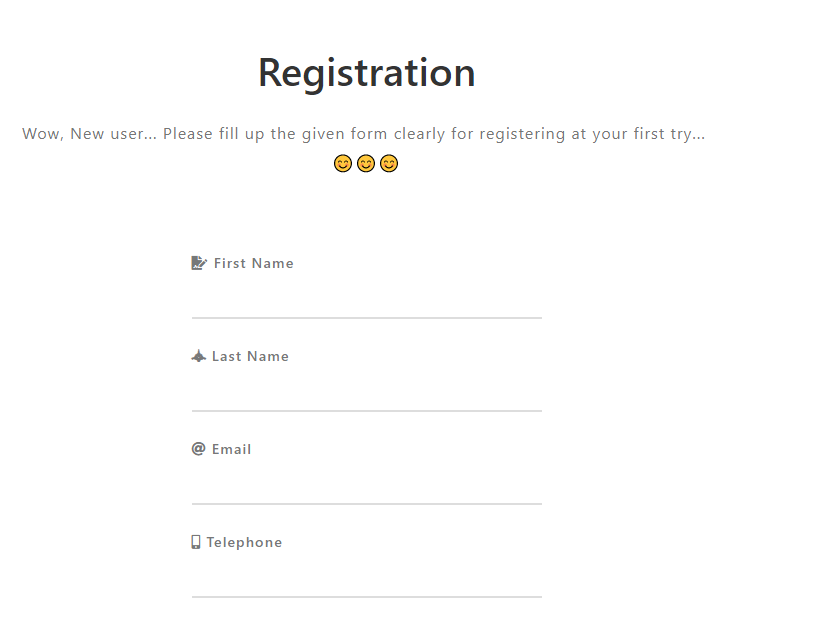


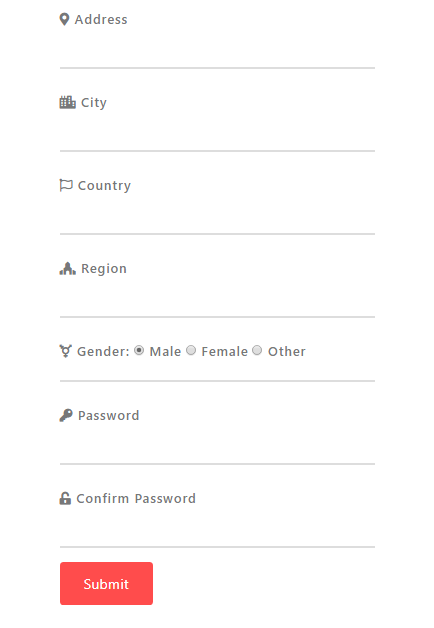






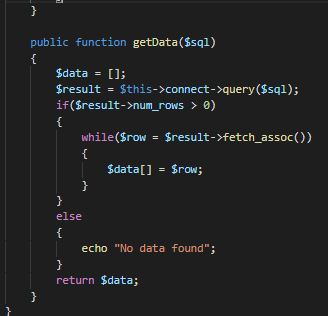
Screenshot: Code of homepage





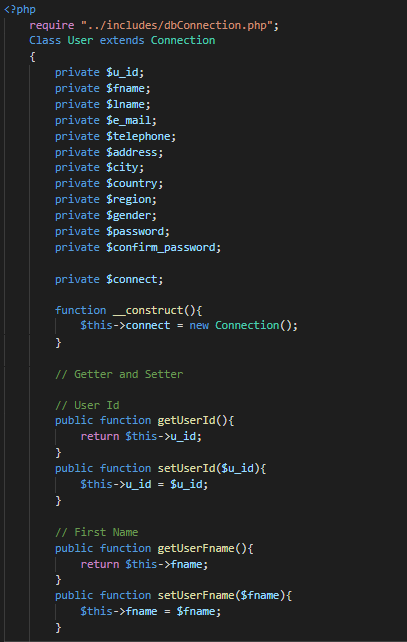
Screenshot: User Registration

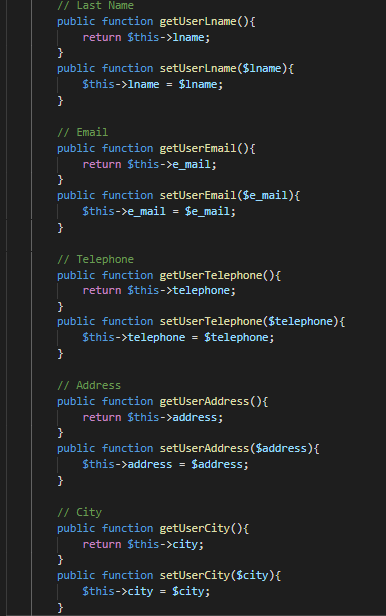




Screenshot: Database Connection



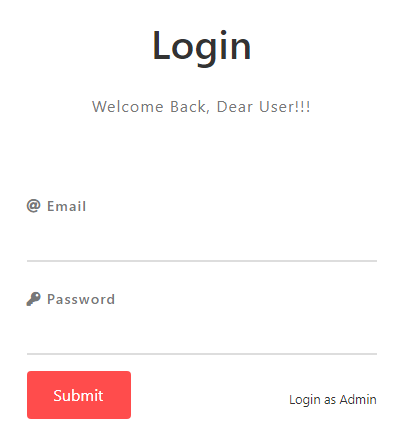




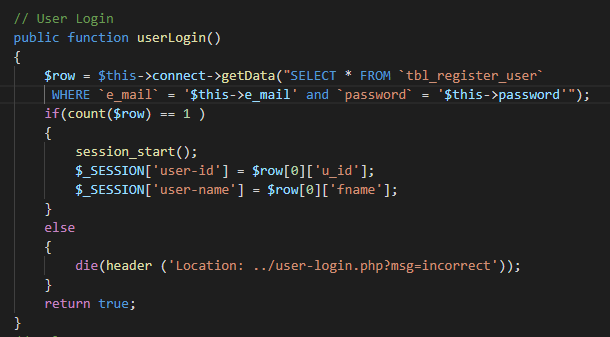




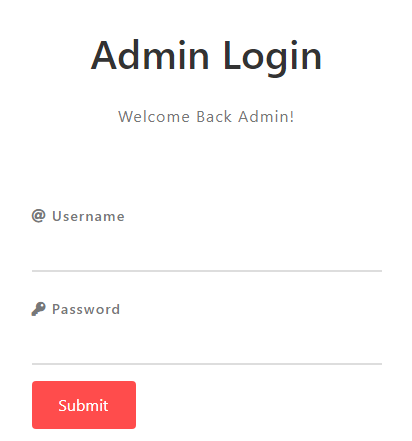
Screenshot: Code for User registration



User Login

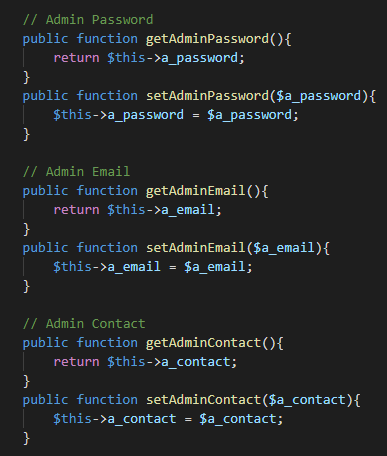


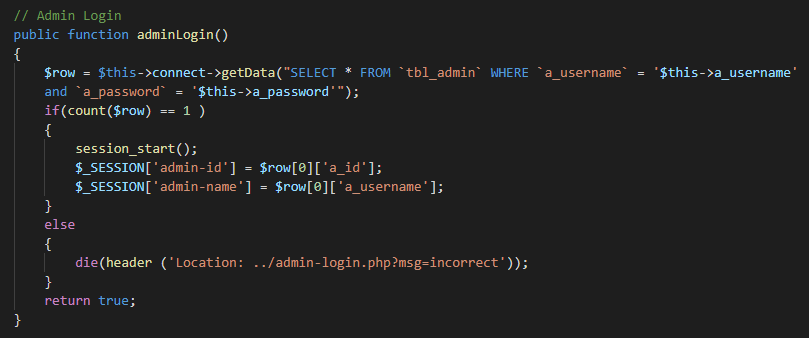
User Login Code



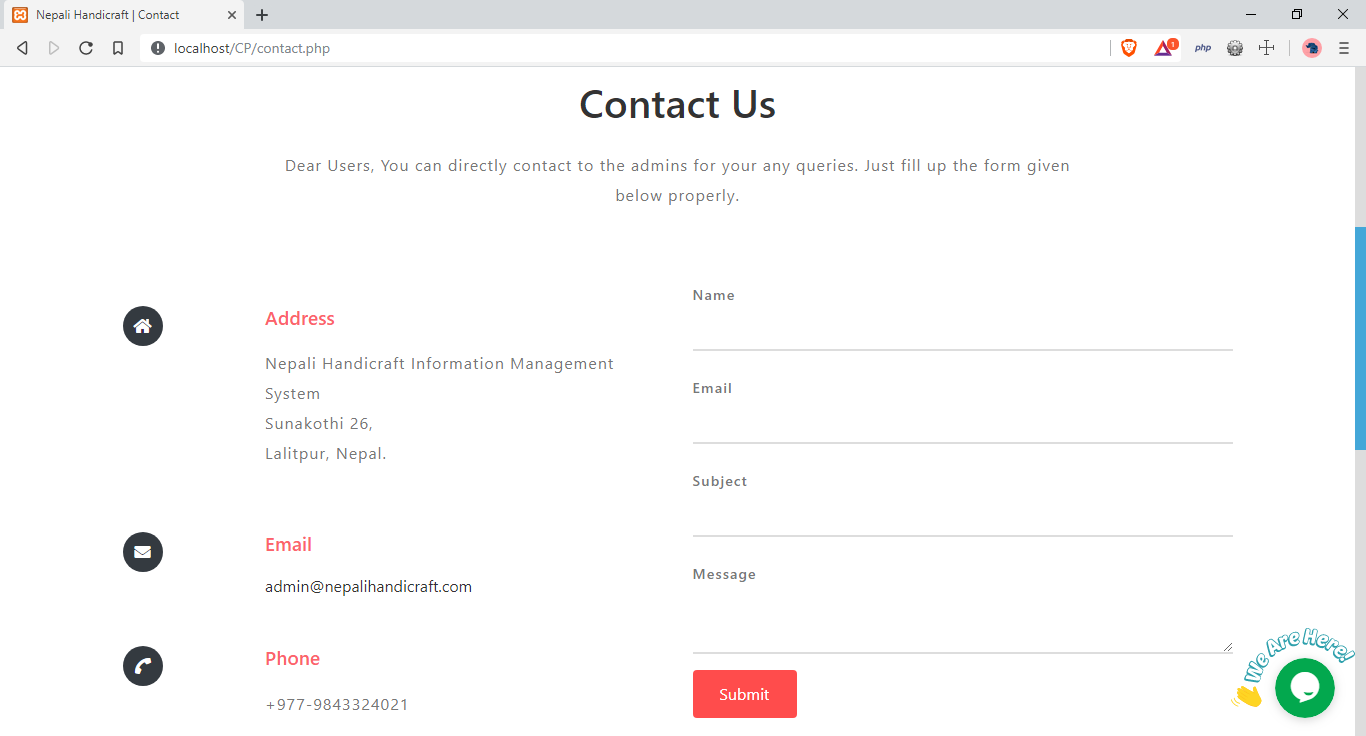
Admin Login



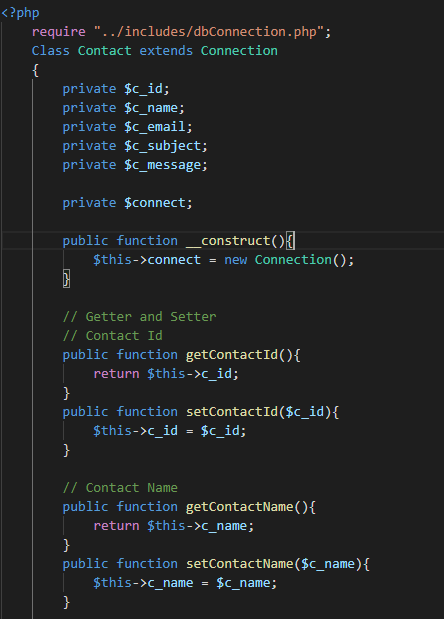




Admin Login Code

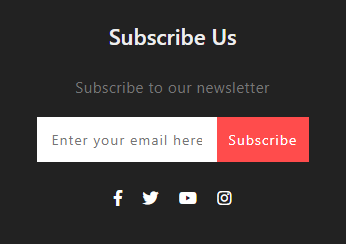


Contact Form

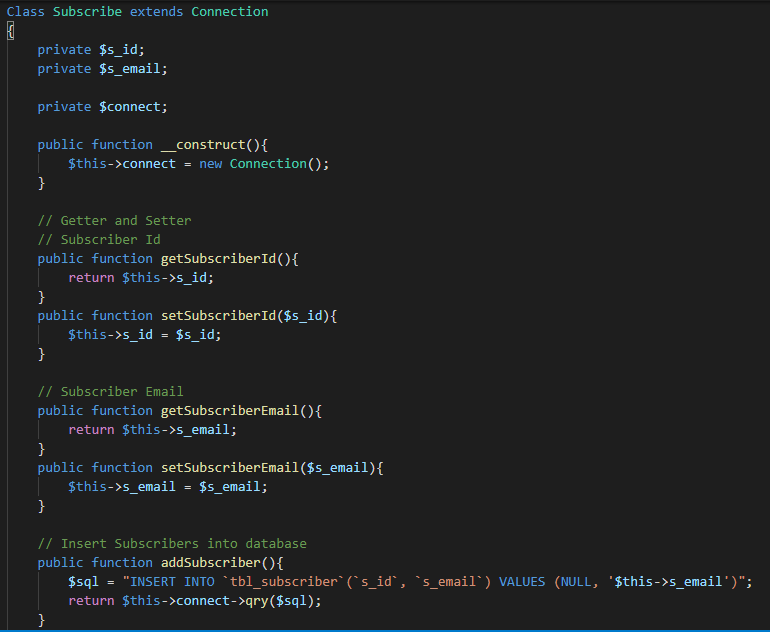




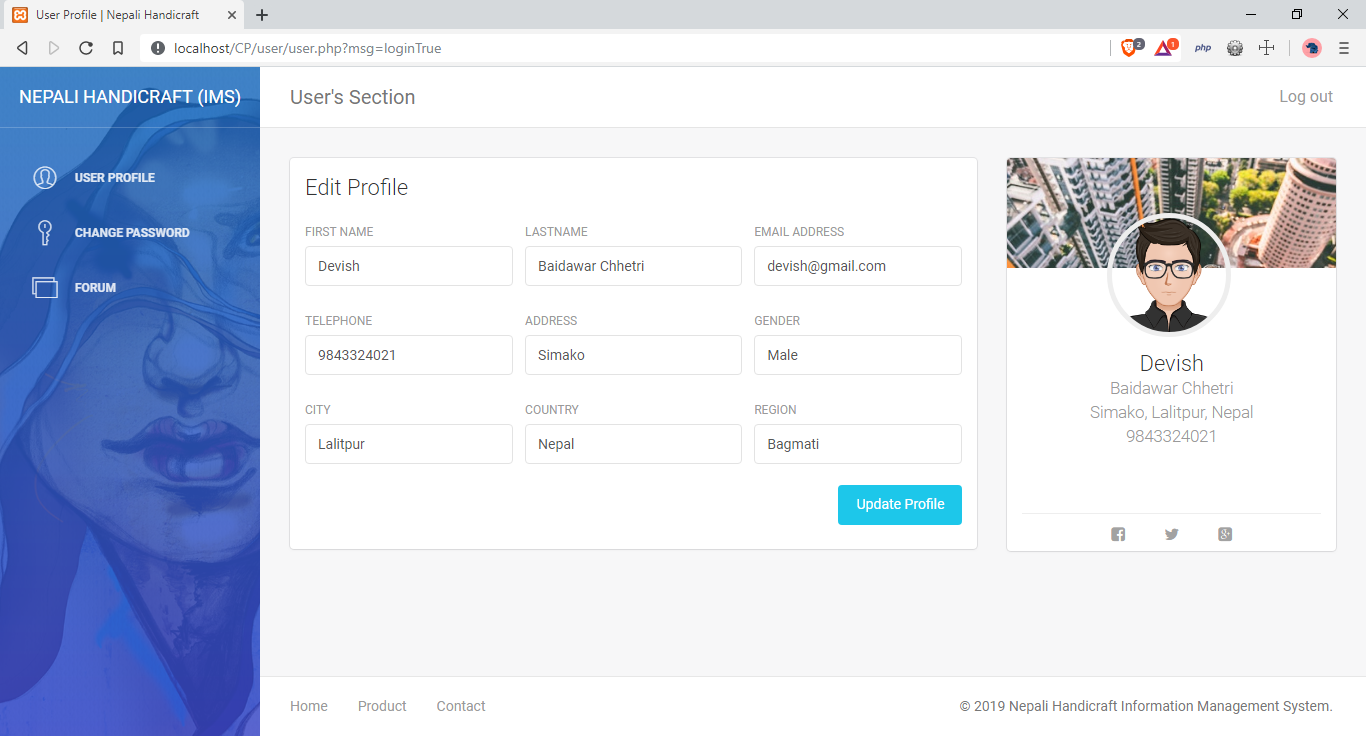
Contact Code



Subscribe Form



Subscribe Code



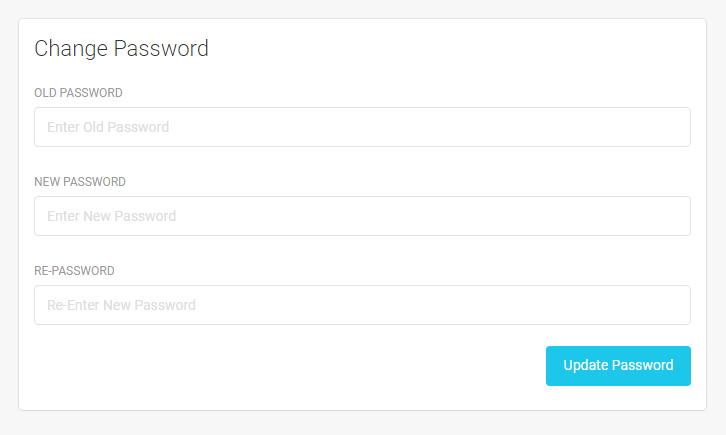
User dashboard and User Update Form





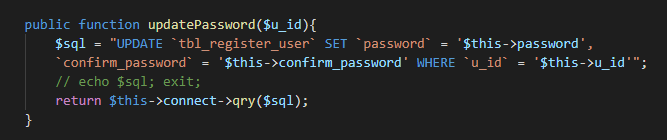


User Update Code

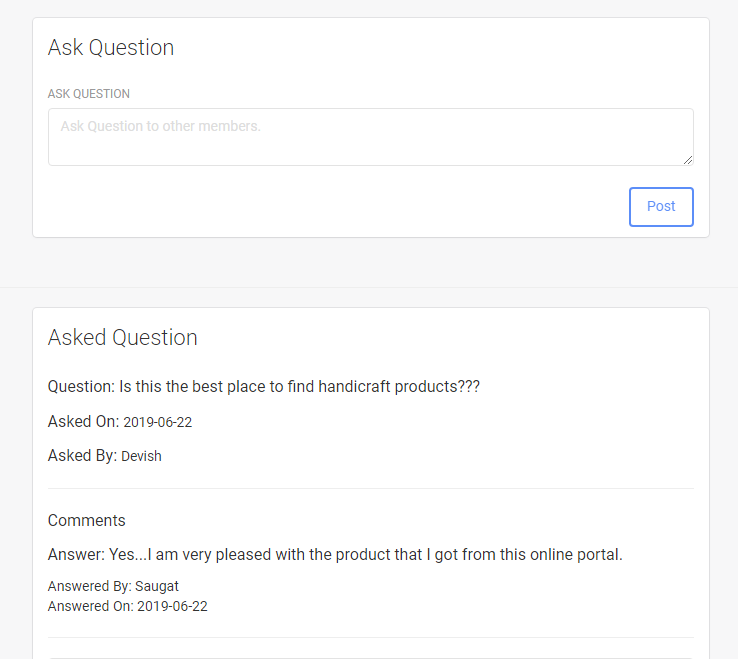


User Password Change Form



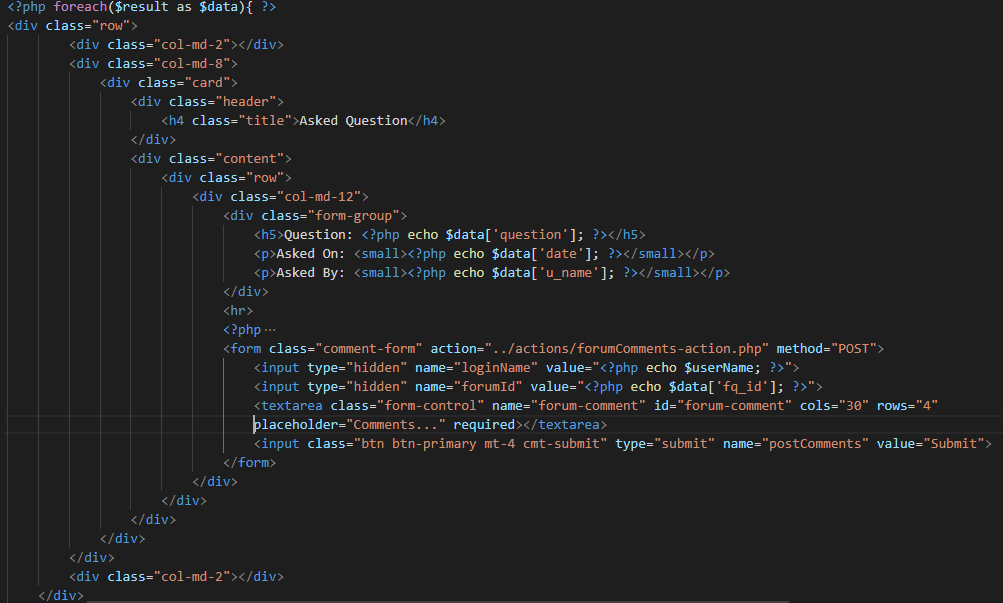


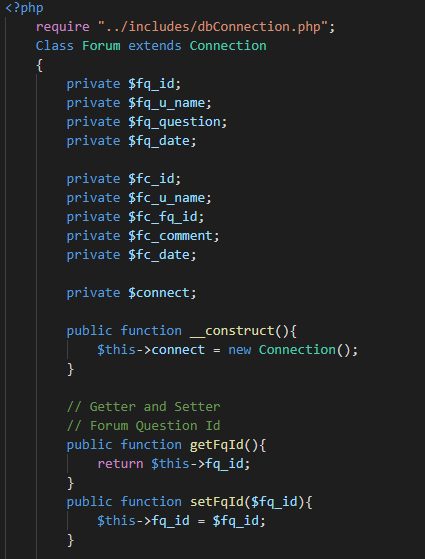
User Password Change Code

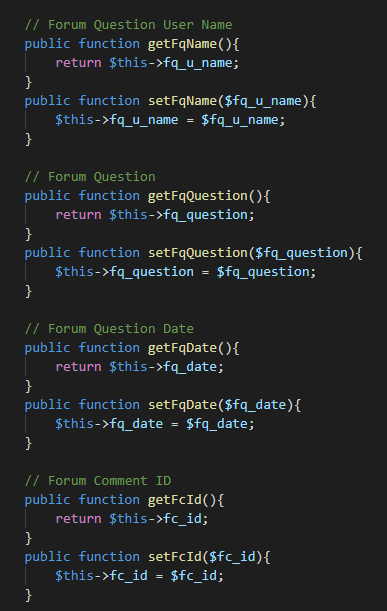


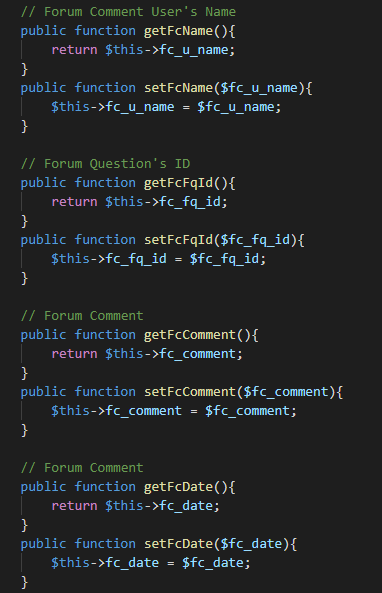
Users Forum













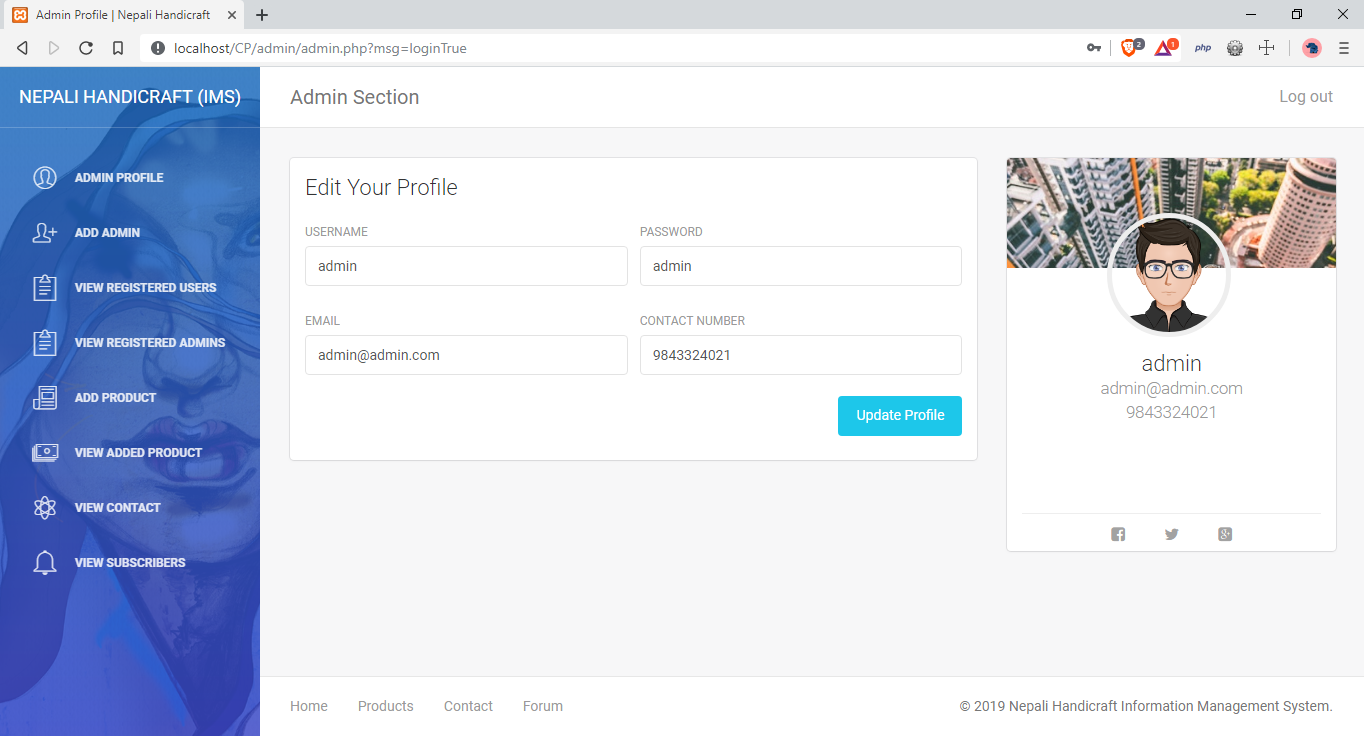
Forum Post and See Question and Comment Code



Forume Question Code

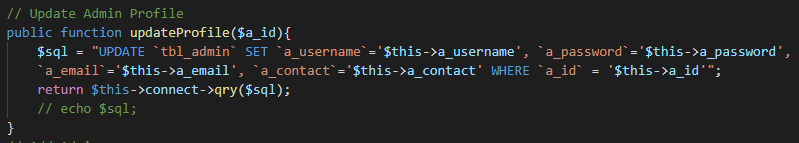


Forum Comment code

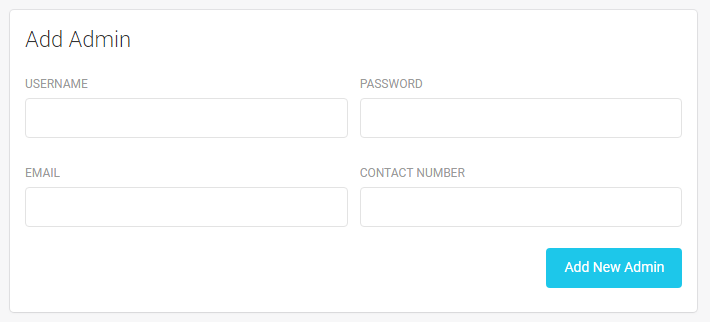


Admin Dashboard



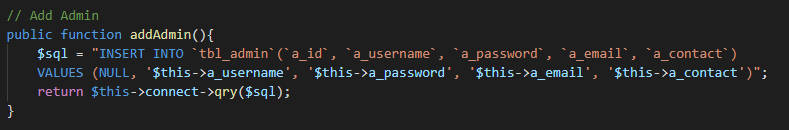


Update Admin Profile Code

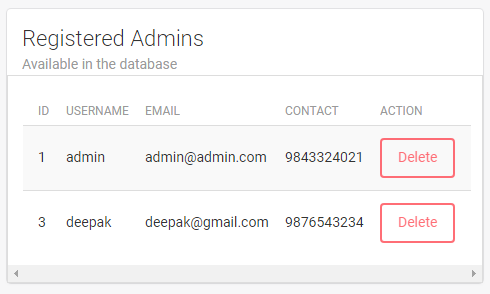


Add New Admin form

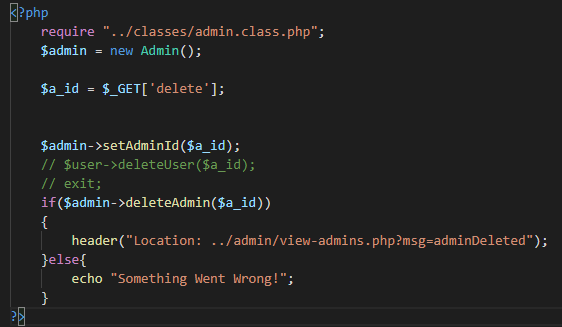


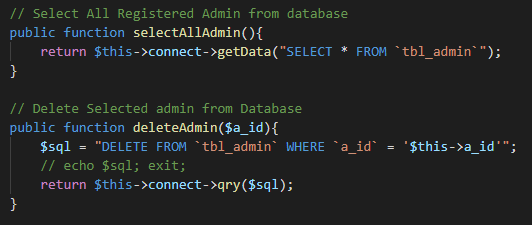


Add Admin Code

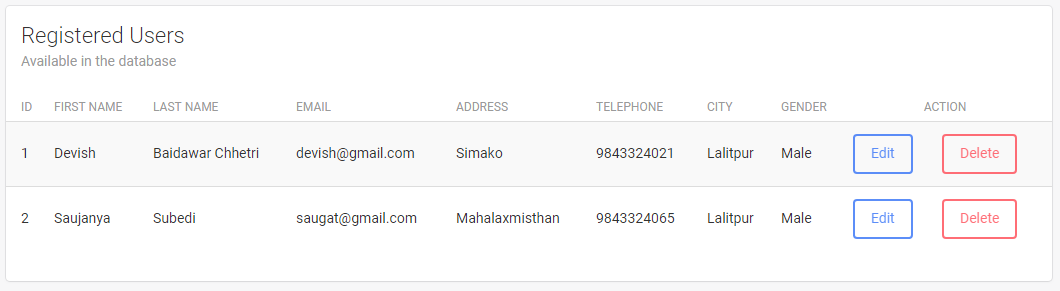


Delete Admin Form

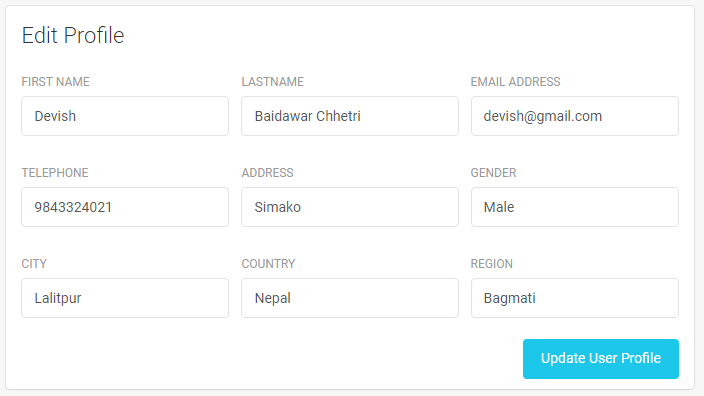




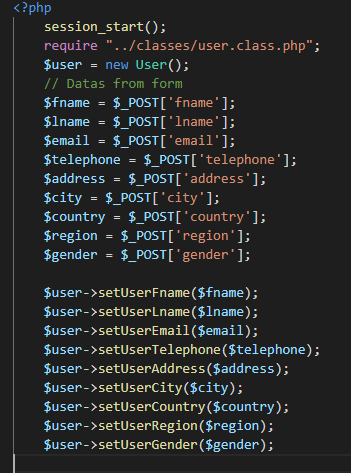
Select and Delete admin code

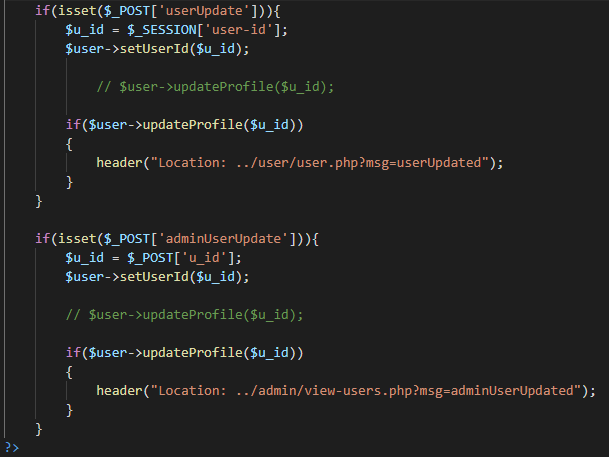


Select registered users



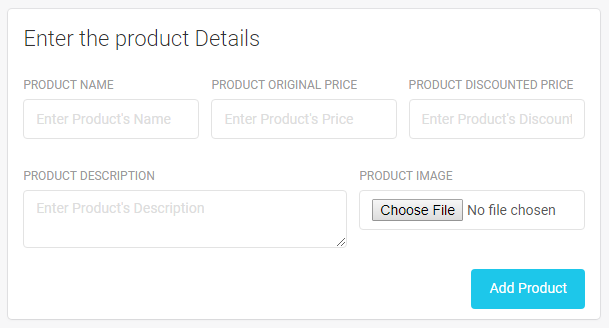
Edit selected user by admin



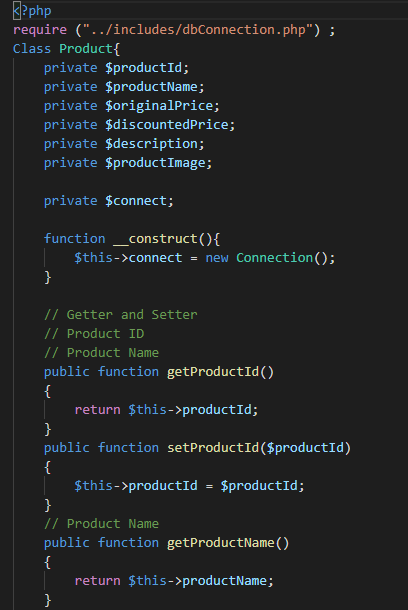


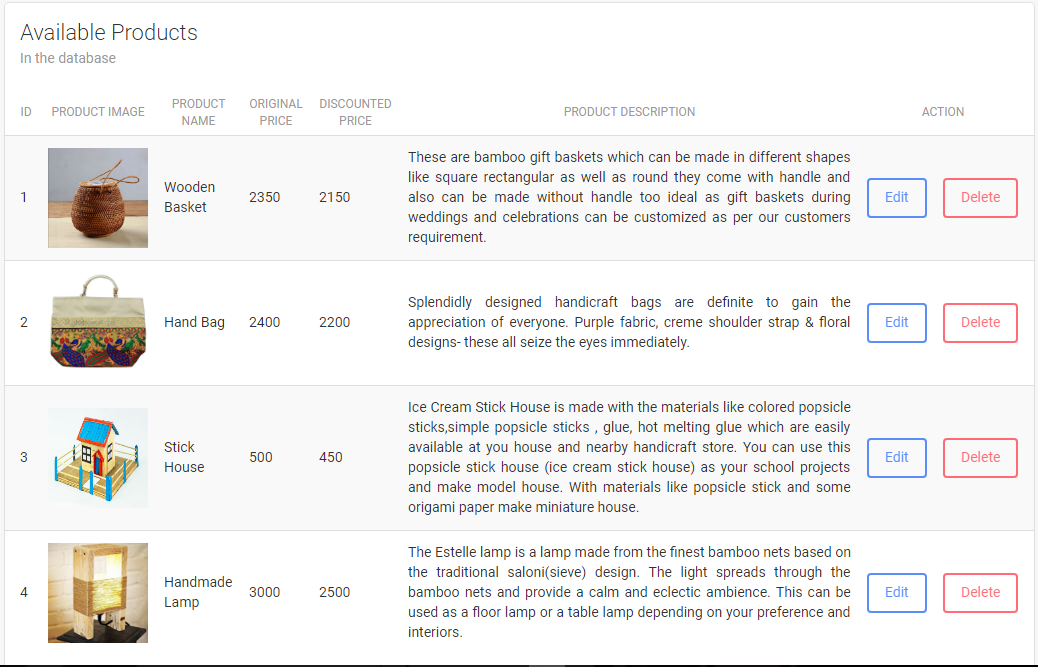


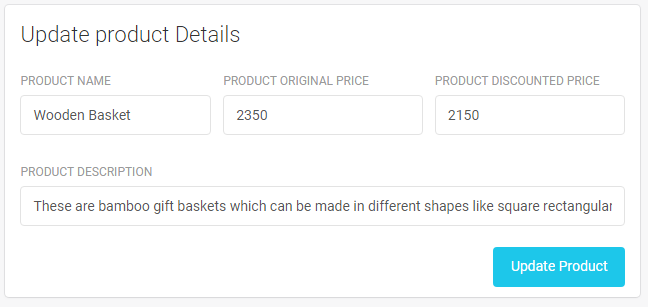
Update and Delete selected user

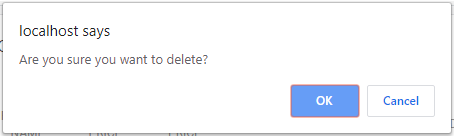


Add Product Form

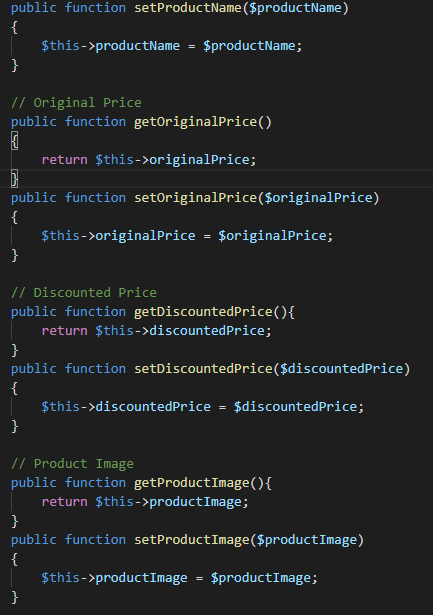








Add Update and Delete Product

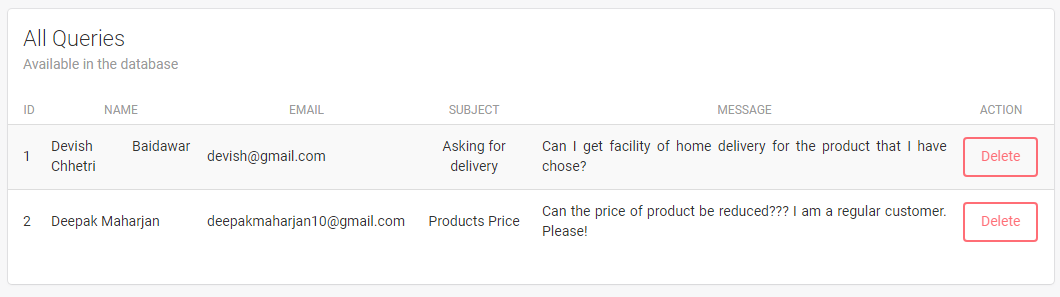




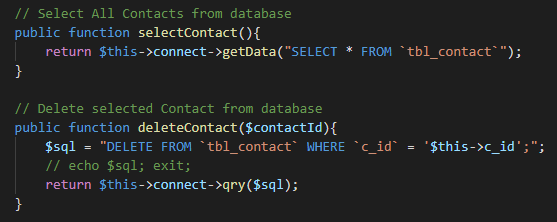




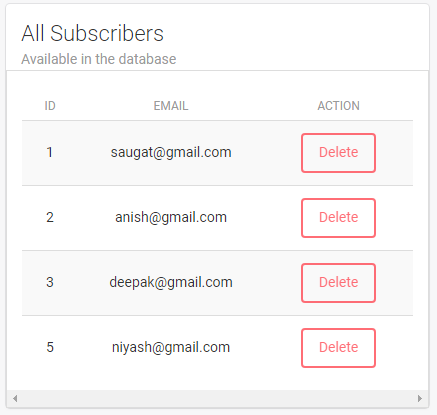
Add Update and Delete Product Code



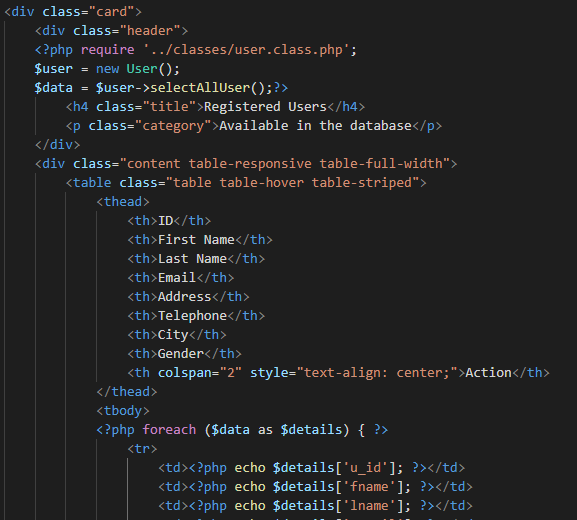
View Queries

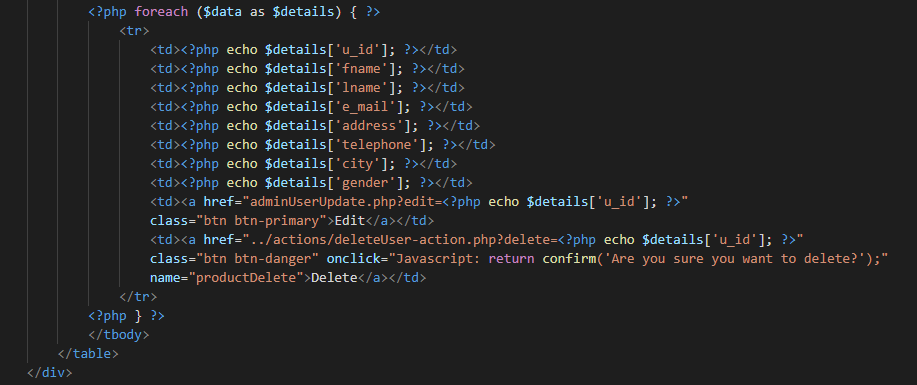


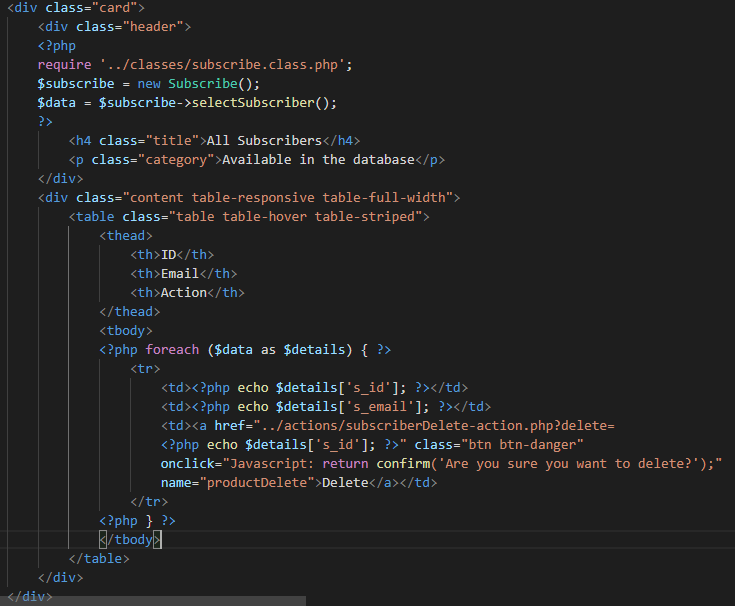
View and Delete Contact Code



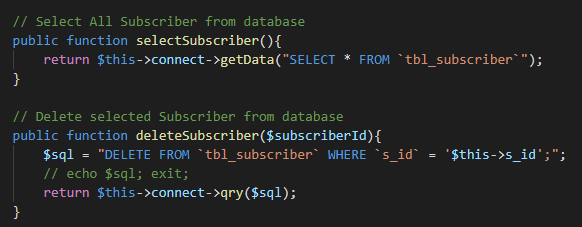
View Subscribed Users



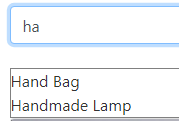




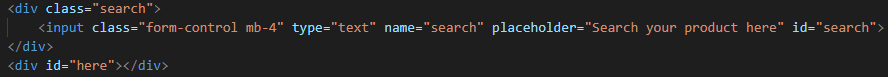
View Subscriber Code



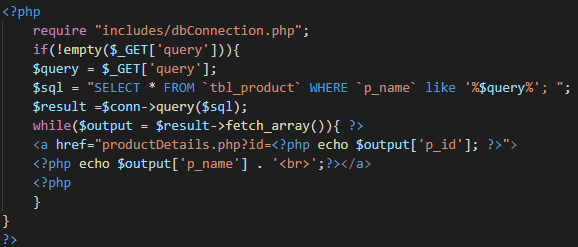
Select and Delete Subscriber Code



Search Form and Result



Search Form Code



Ajax and Fetch Search Data Code