# Chapter 4 – Implementation

## 4.1 Introduction

The third phase of software development lifecycle is coding where we reflect designing output as input for coding phase. A well-developed code helps in reduction of cost and efforts required for testing and maintenance. There should be use of appropriate comments to identify the logic behind the code.

## 4.2 Programming Language

For this project, I have chosen **Hypertext Markup Language** **(HTML)** and **Cascading Style Sheet (CSS)** for Front end and Hypertext Preprocessor (PHP) with OOP Concepts as scripting language for creating dynamic content with **MySQL** database

## 4.3 Tools Used

Following tools are used to develop my project.

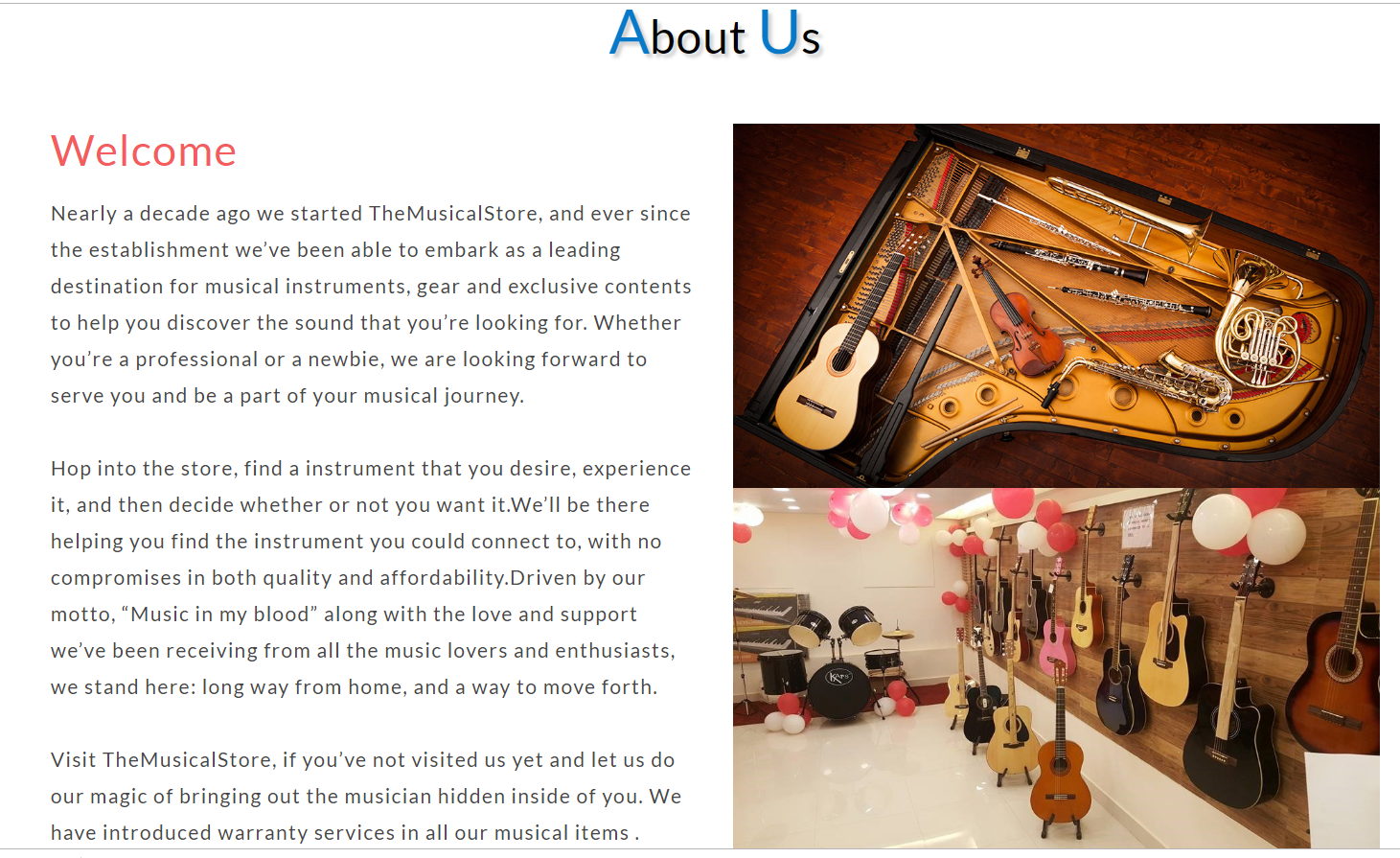
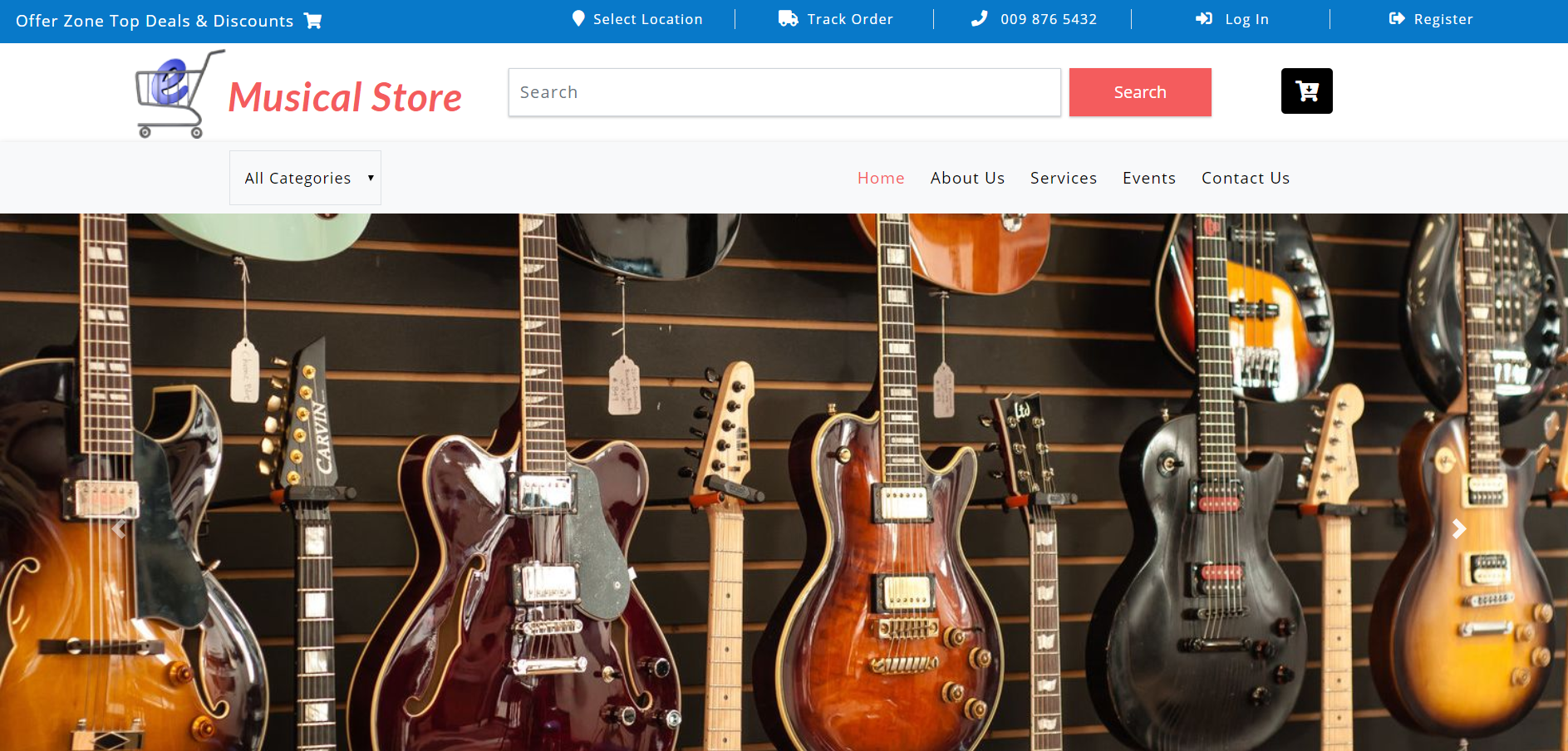
Operating System: **Windows 10** **Pro**

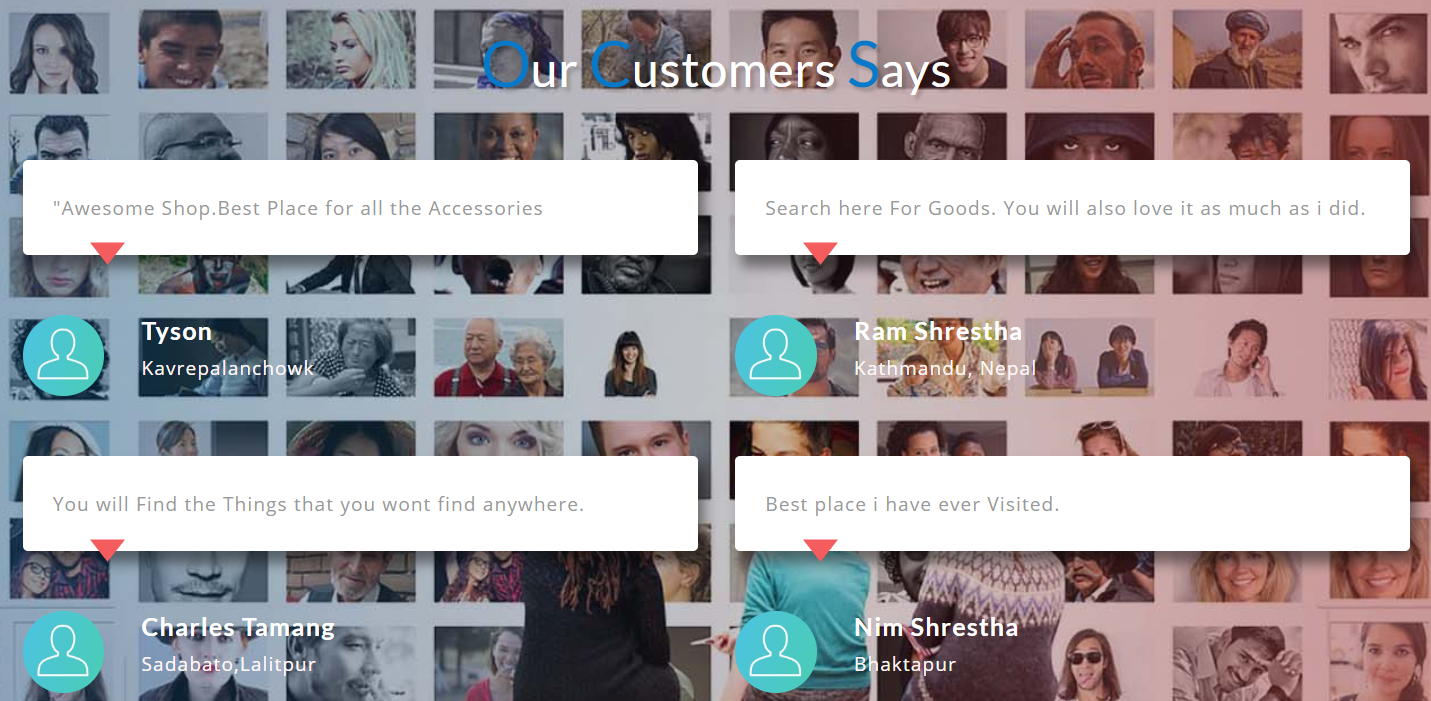
Development Tool: **Sublime Text 3**

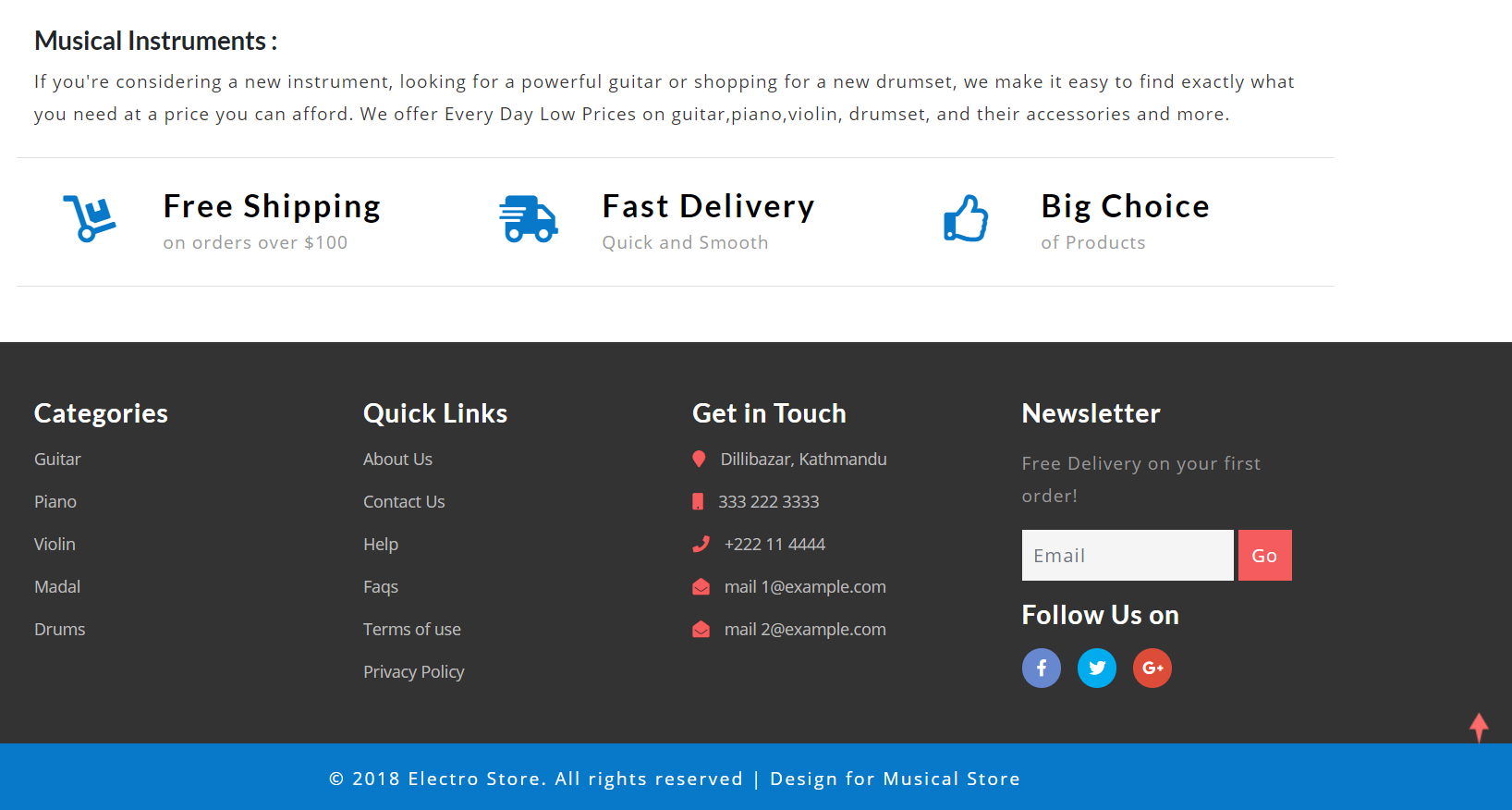
Browsers: **Google Chrome**

Server: **XAMPP**

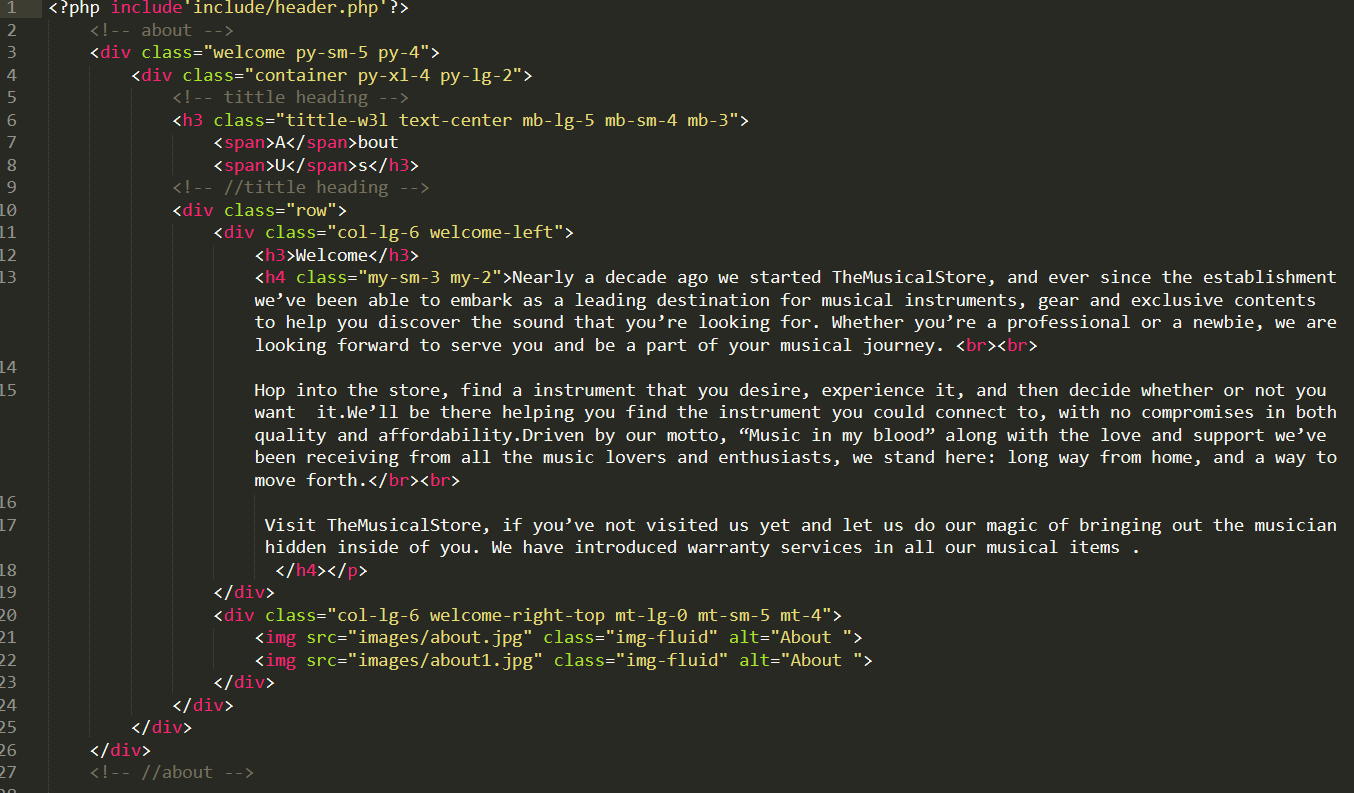
## 4.4 Code and Screenshots

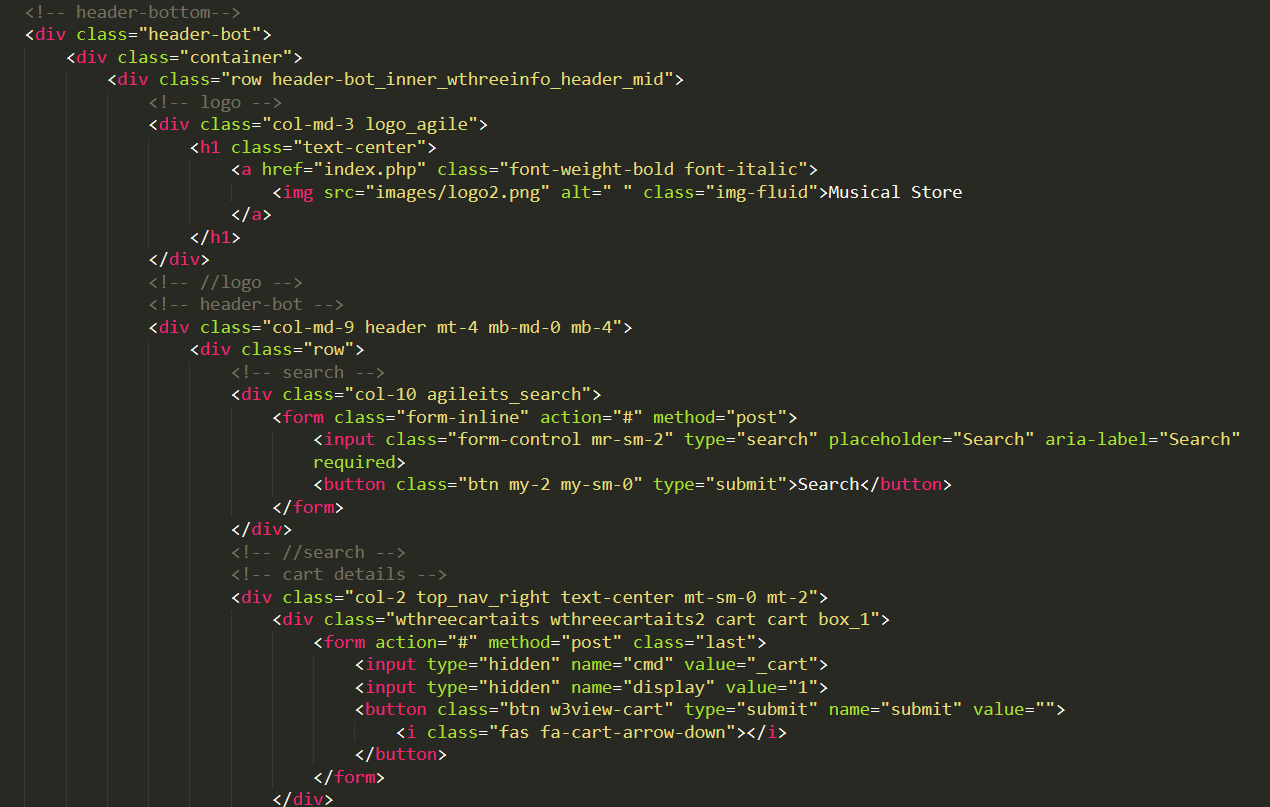
Following are the screenshots and code of the respective frontend and backend:

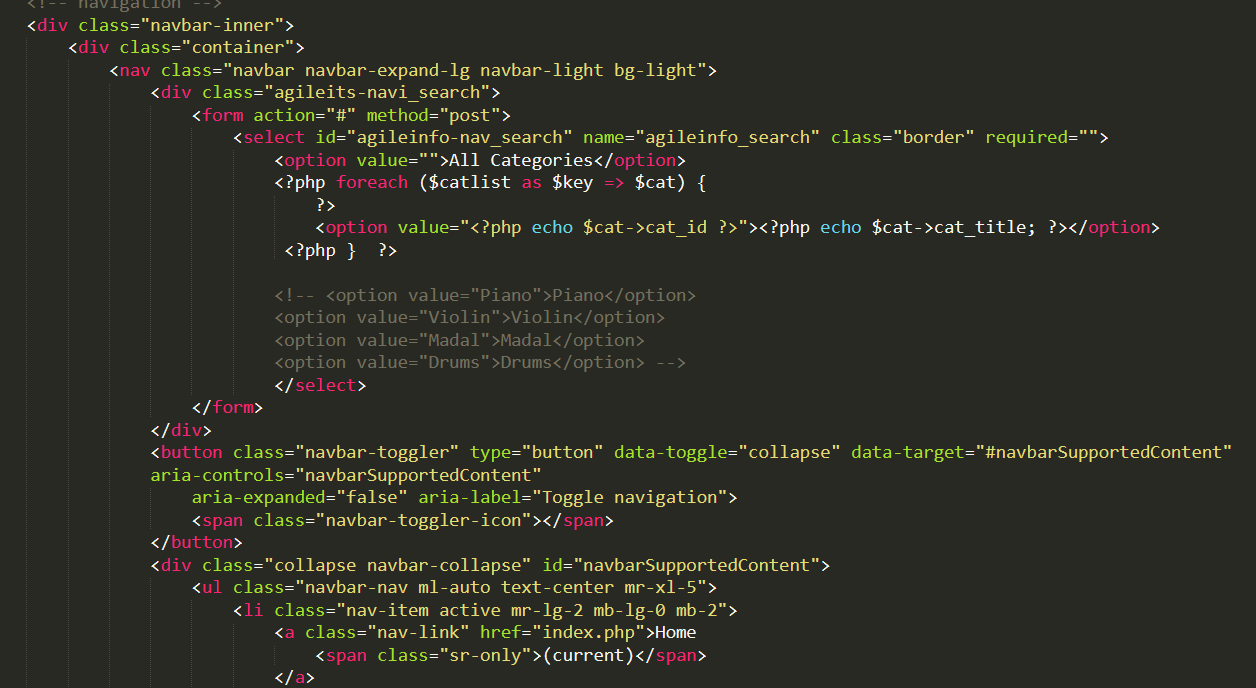


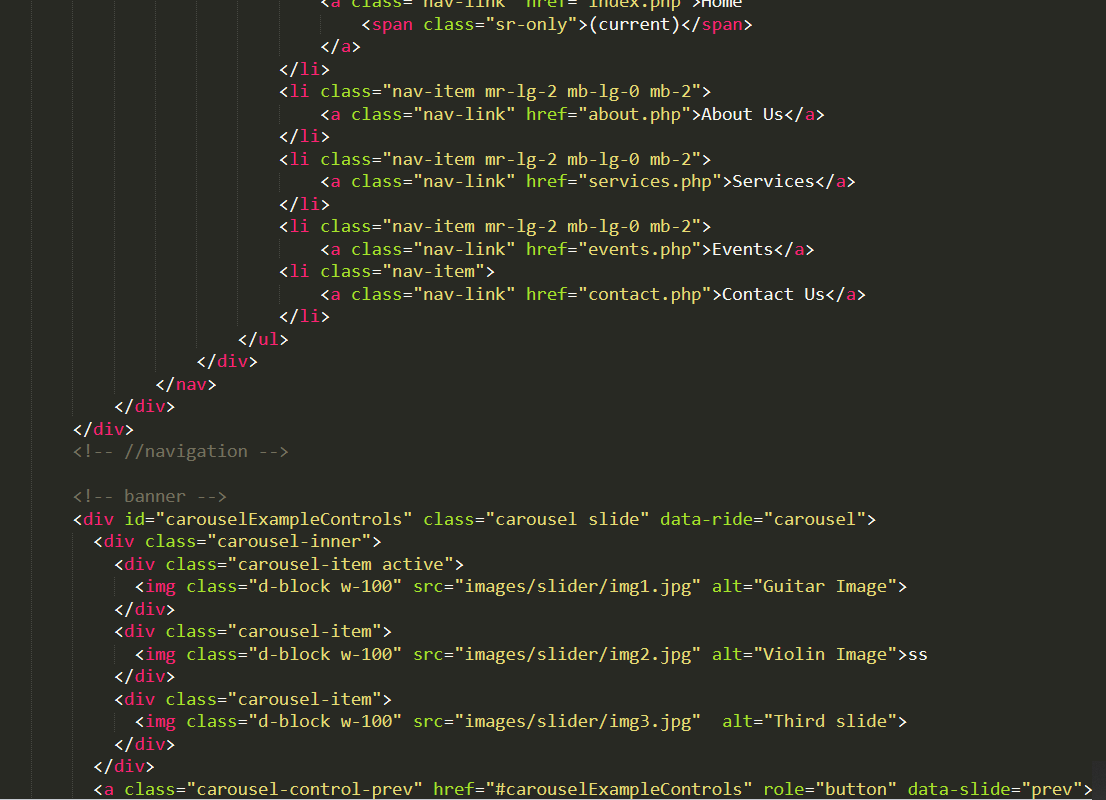


Screenshot 1:Home Page

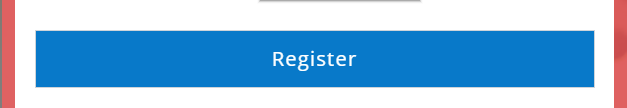
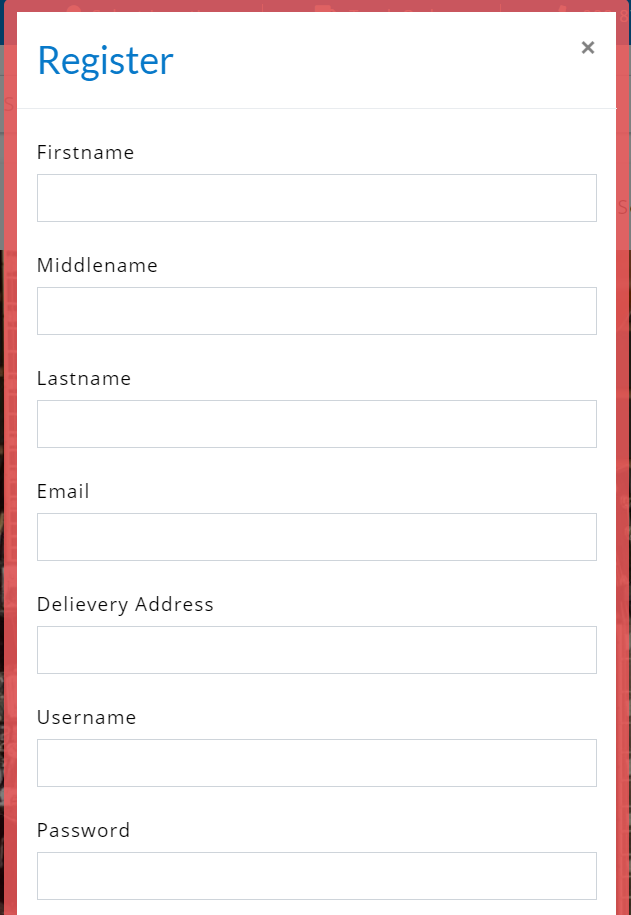








Screenshot 2:Code of homepage

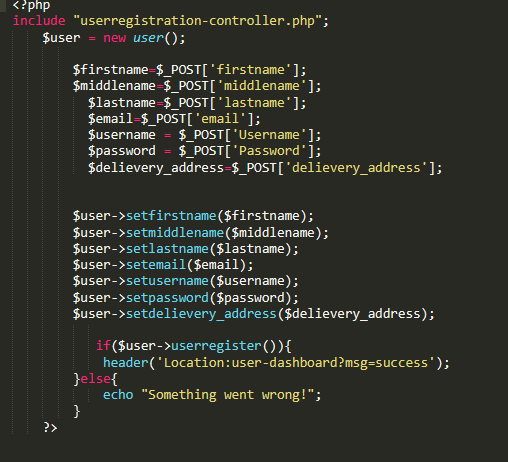


Screenshot :Screenshot: User Registration





Screenshot 4: User registration controller



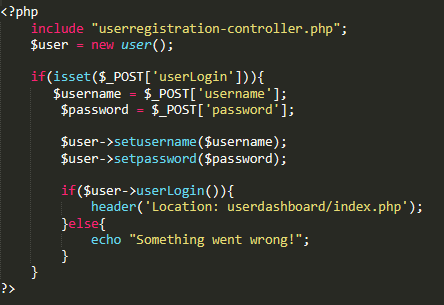
Screenshot 5: User registration action



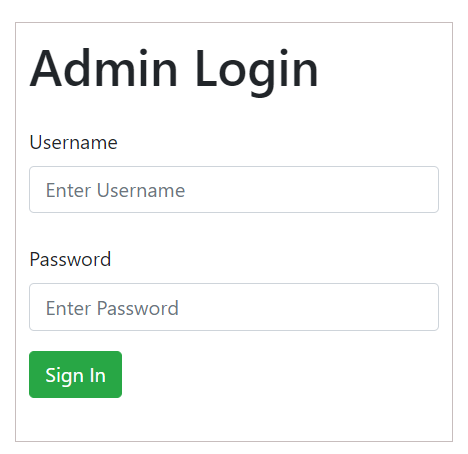
Screenshot: Database Connection

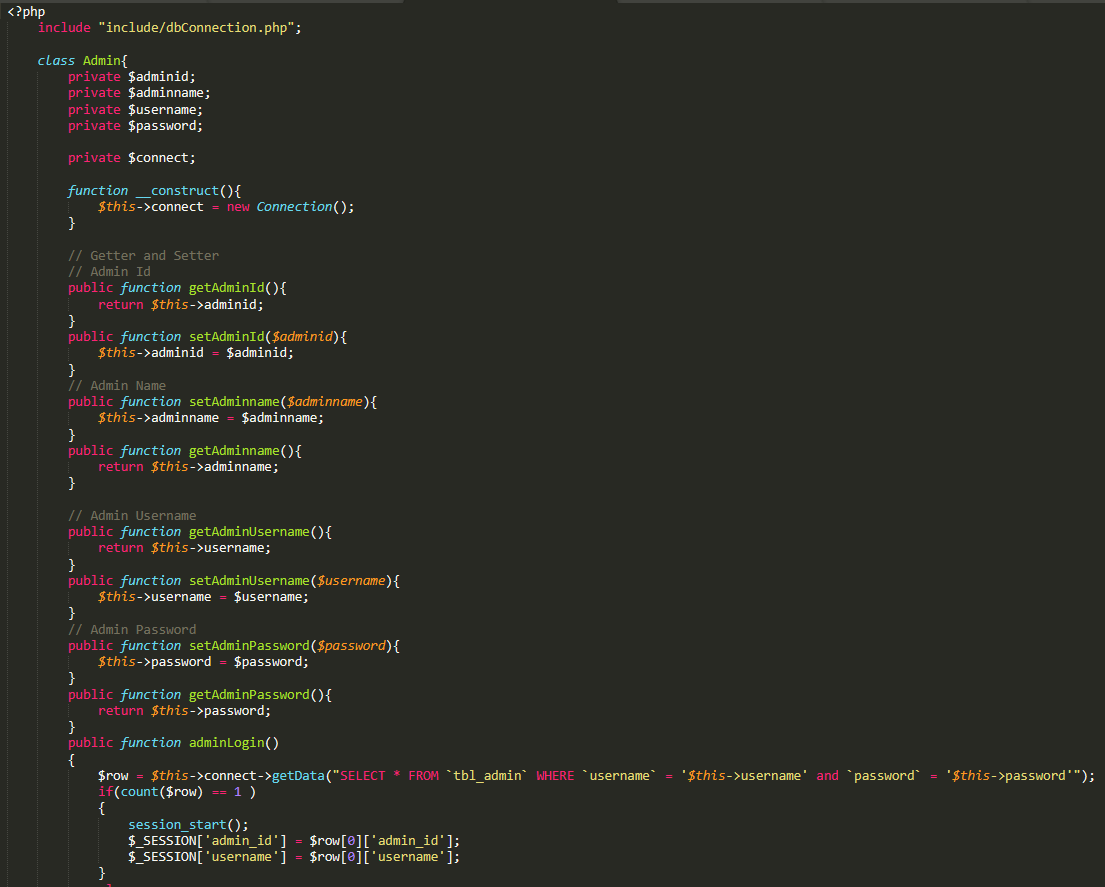


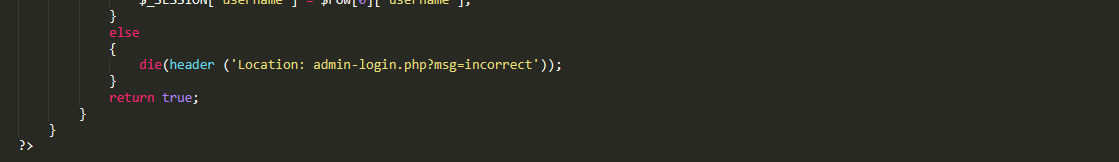
Screenshot 6: Login Form



Screenshot : User login-controller

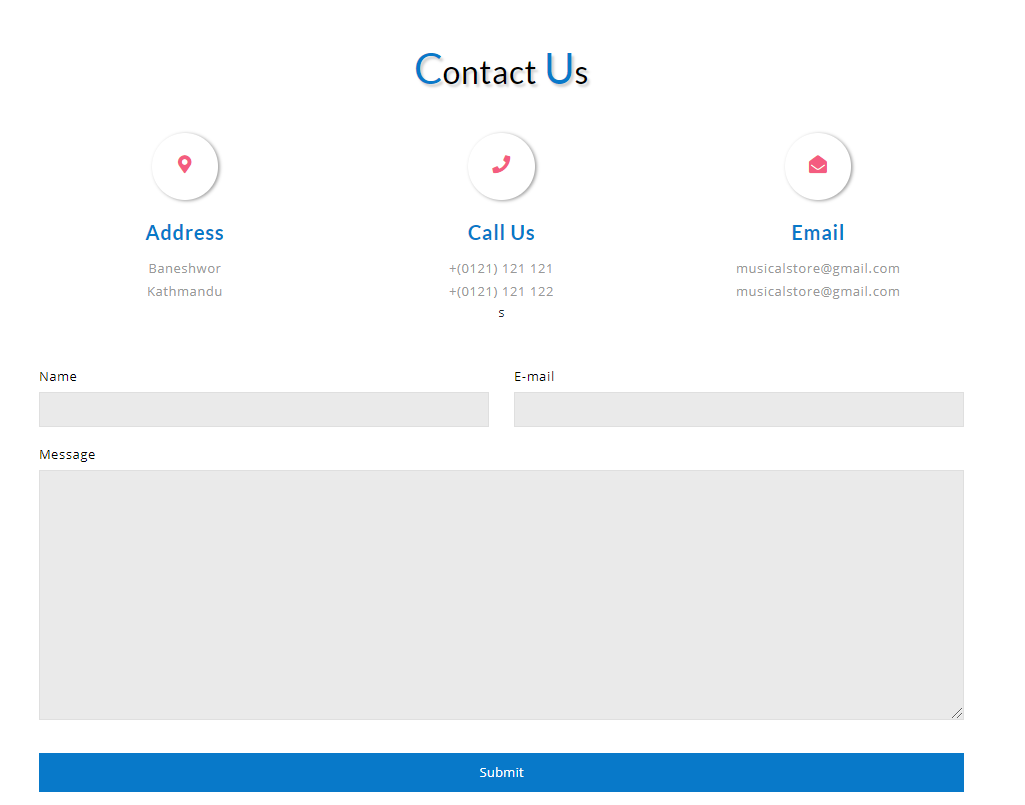




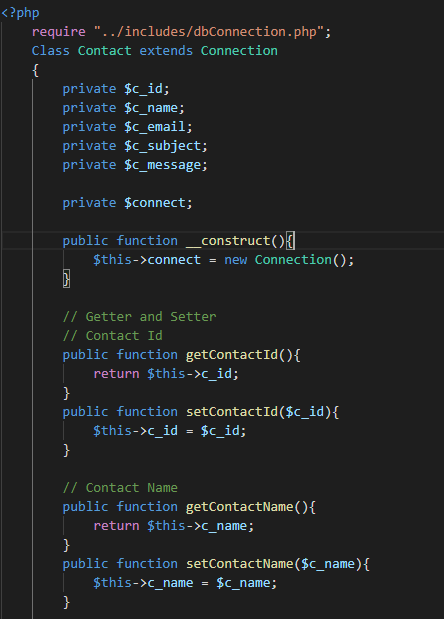


Admin Login Code



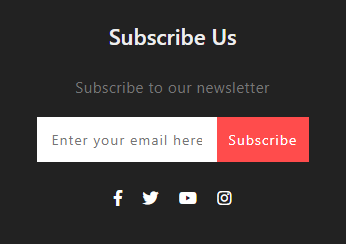


Contact Form

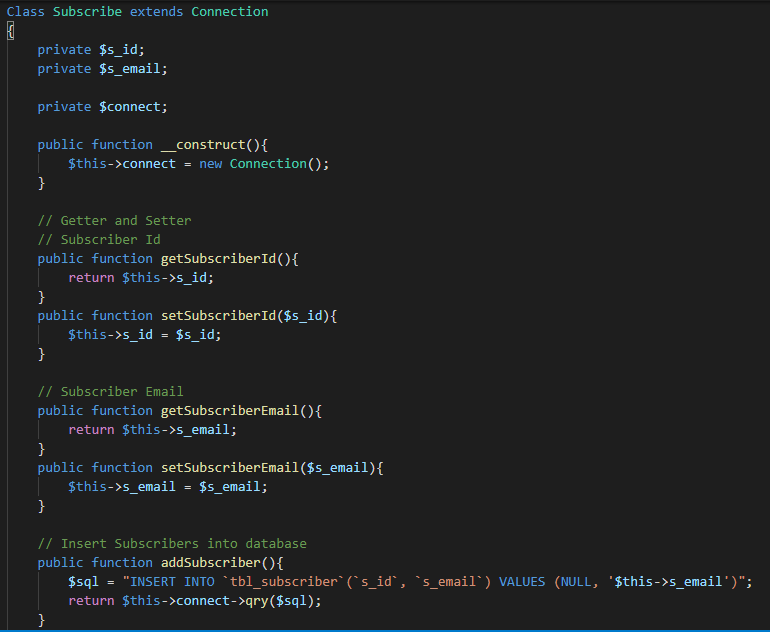




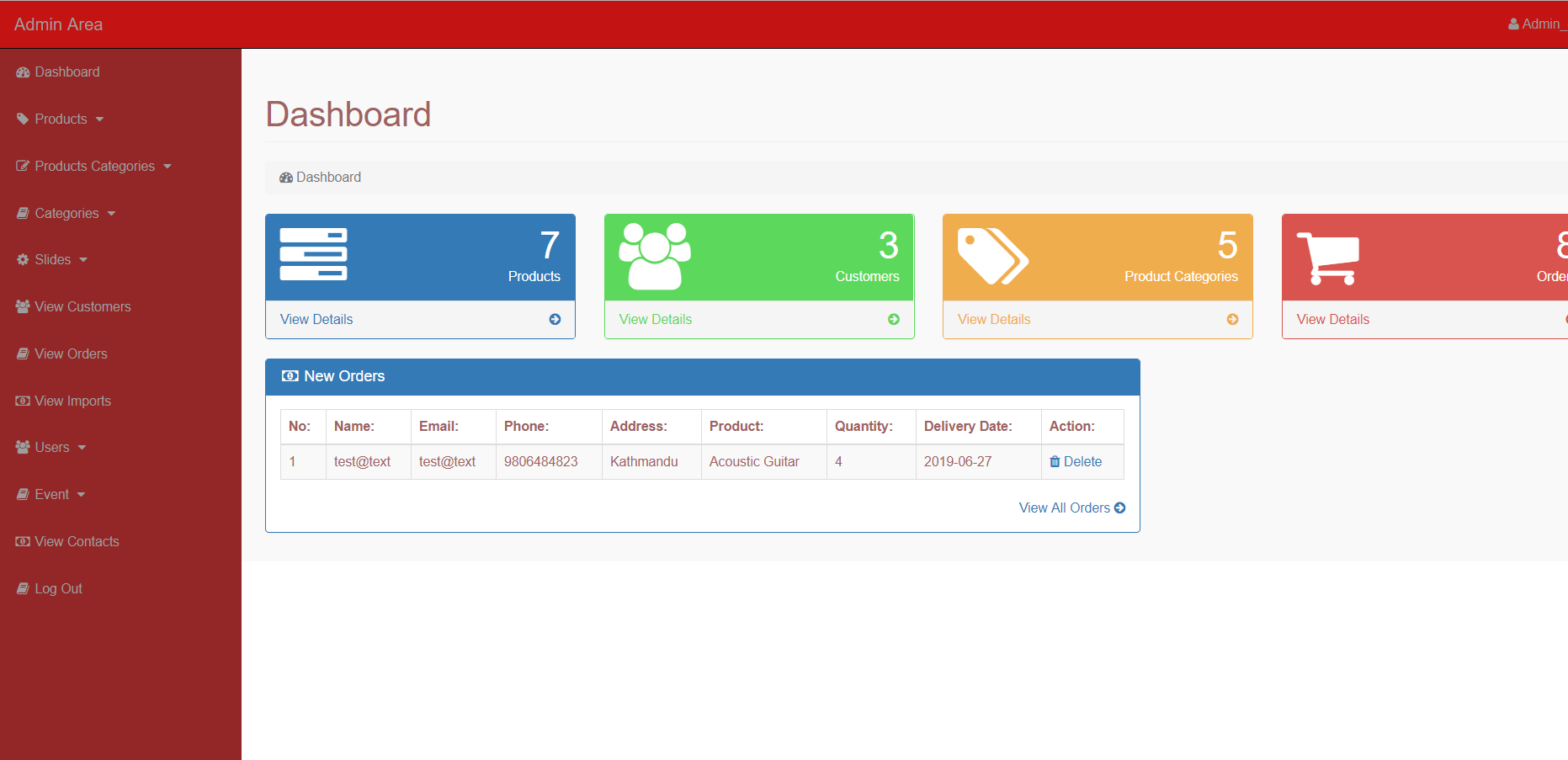
Contact Code



Subscribe Form



Subscribe Code

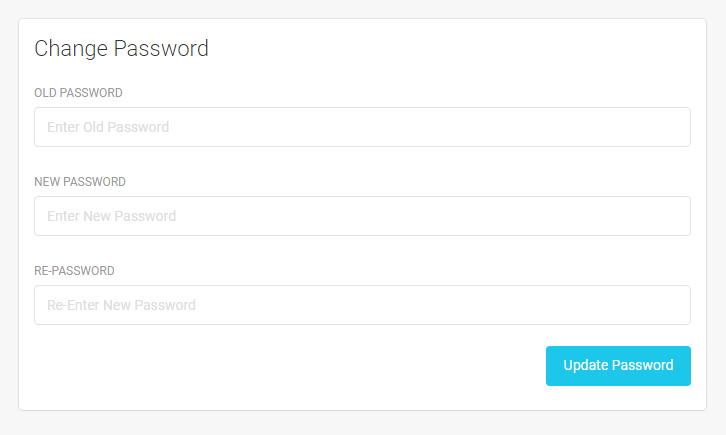
User dashboard and User Update Form





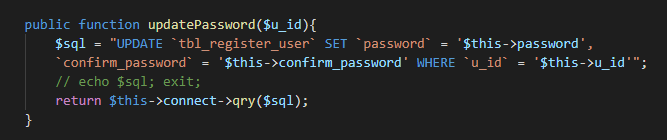


User Update Code

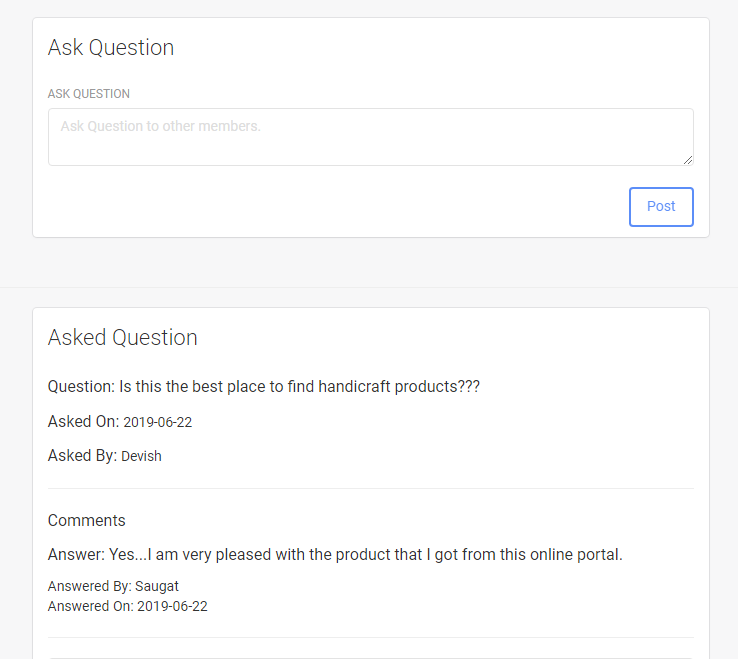


User Password Change Form



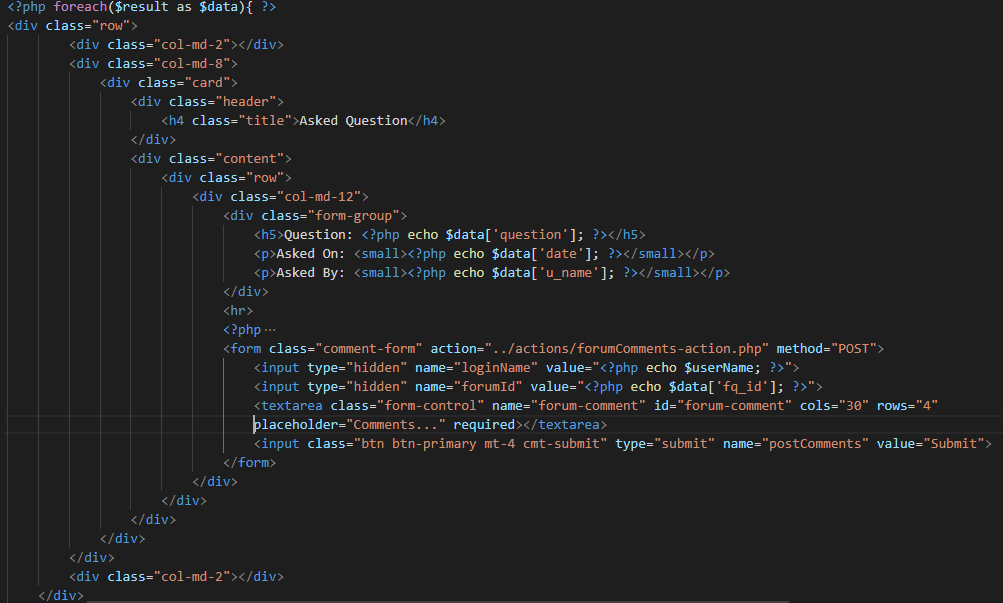


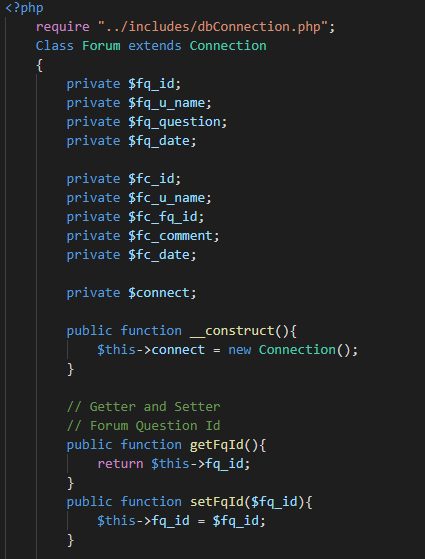
User Password Change Code

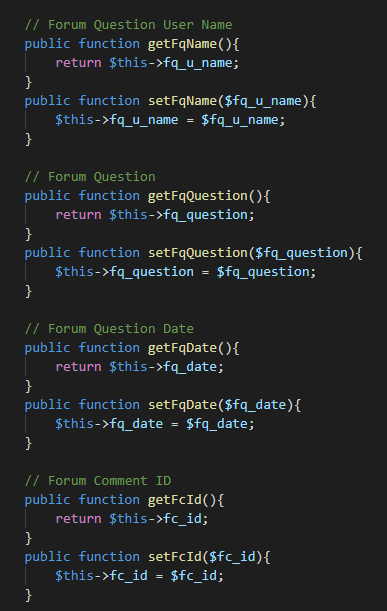


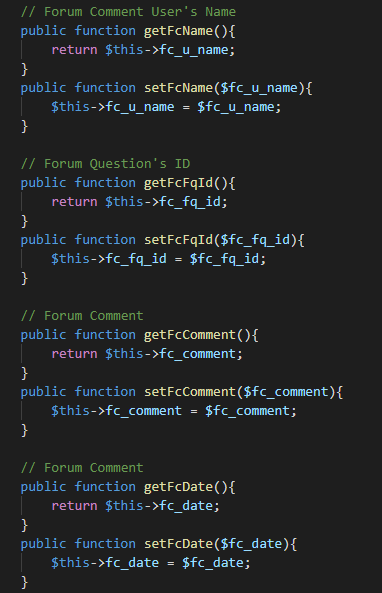
Users Forum













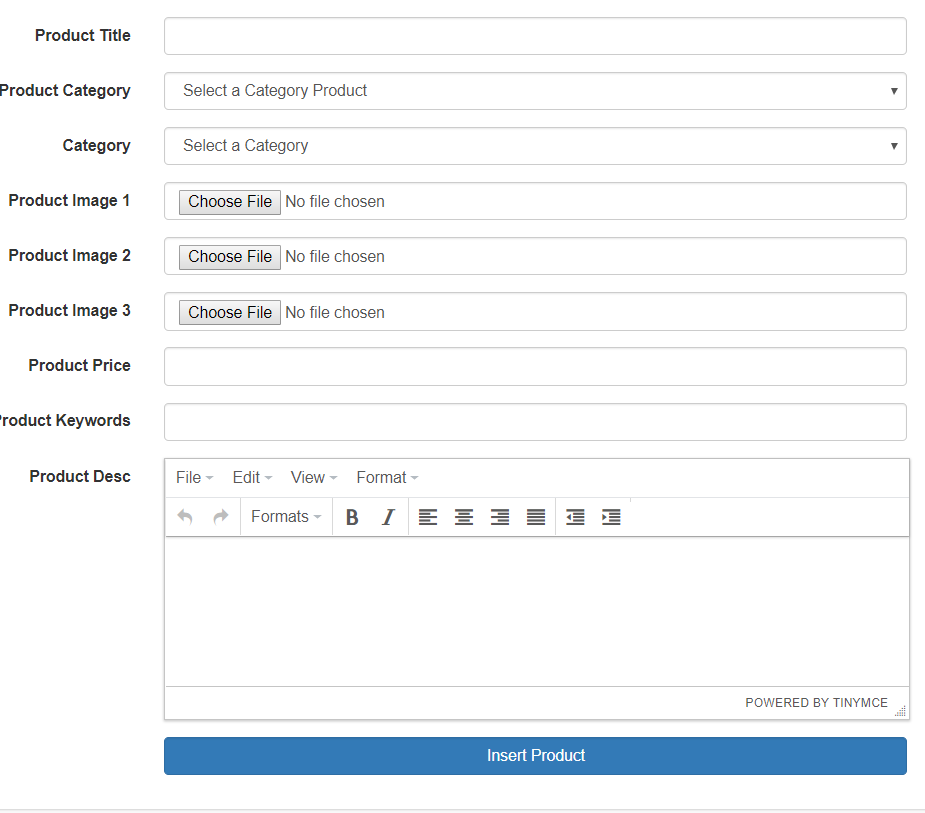
Forum Post and See Question and Comment Code

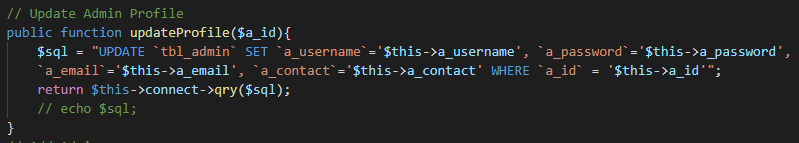


Forume Question Code

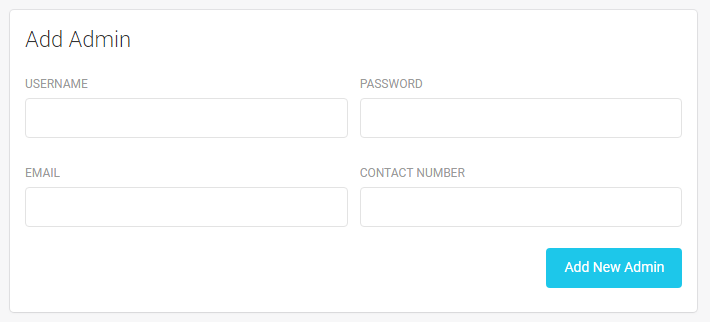


Forum Comment code



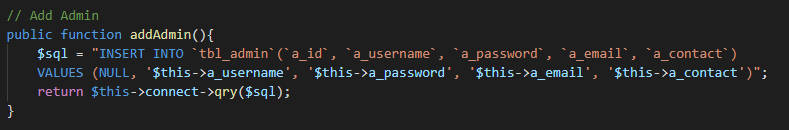


Update Admin Profile Code

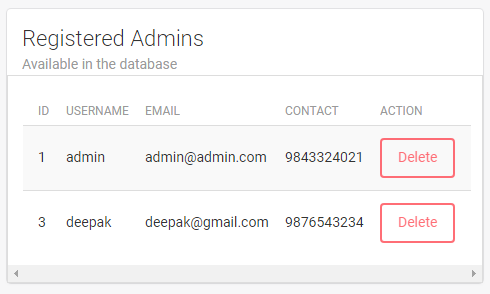


Add New Admin form

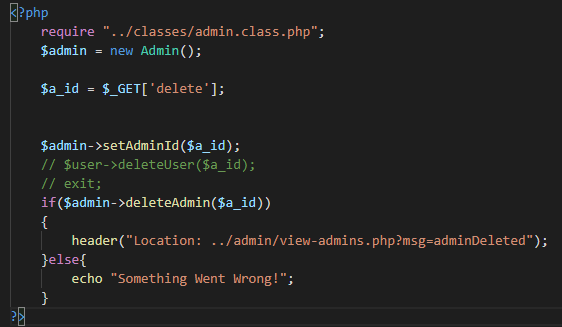


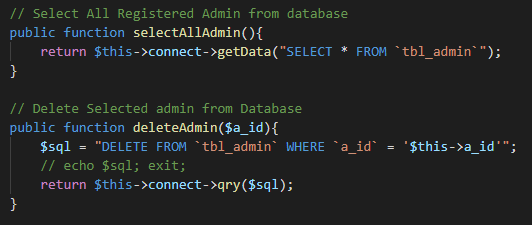


Add Admin Code

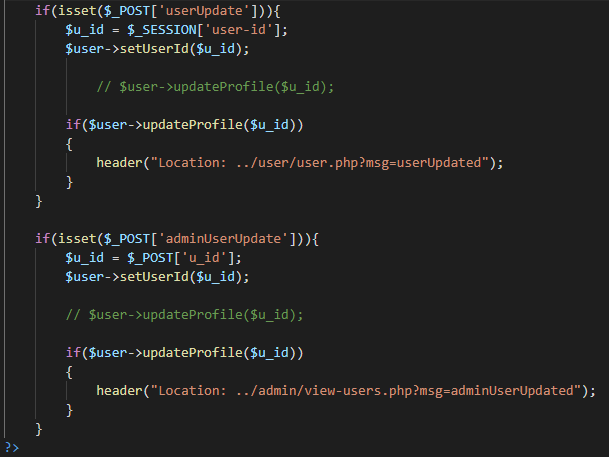


Delete Admin Form



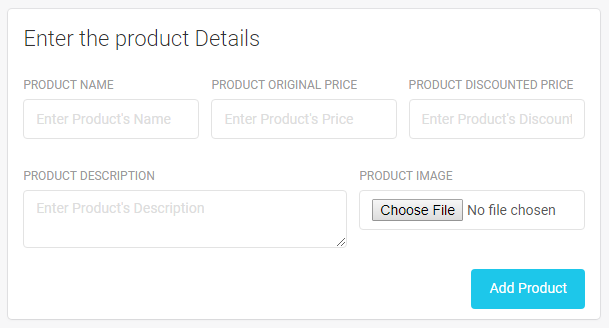


Select and Delete admin code

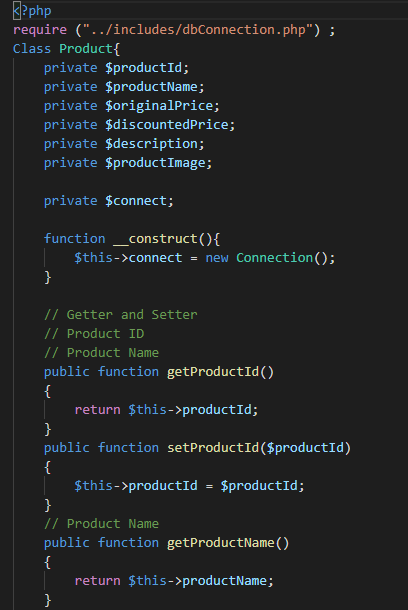


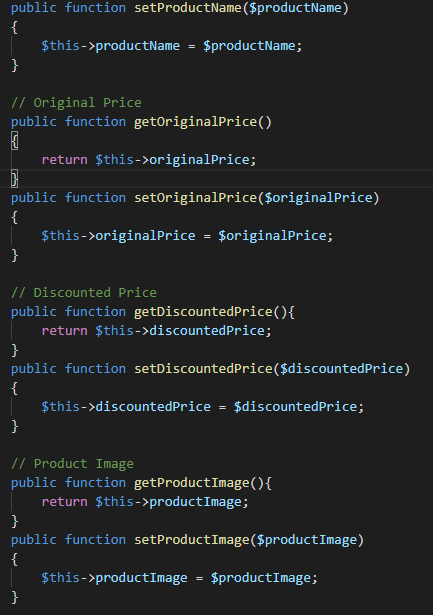


Update and Delete selected user



Add Product Form





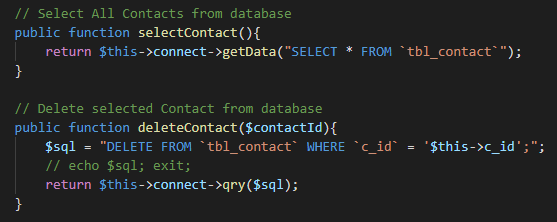




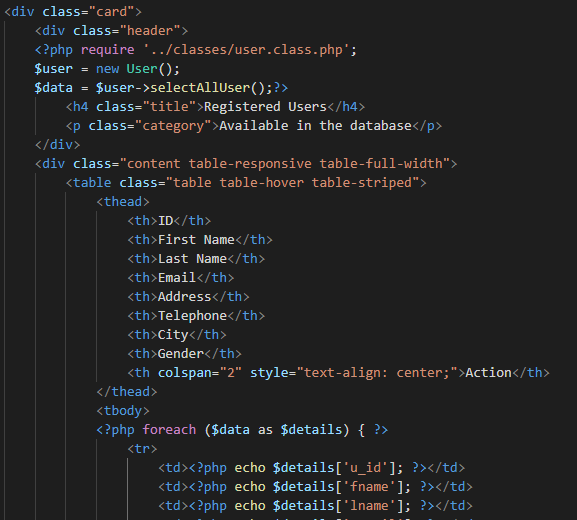


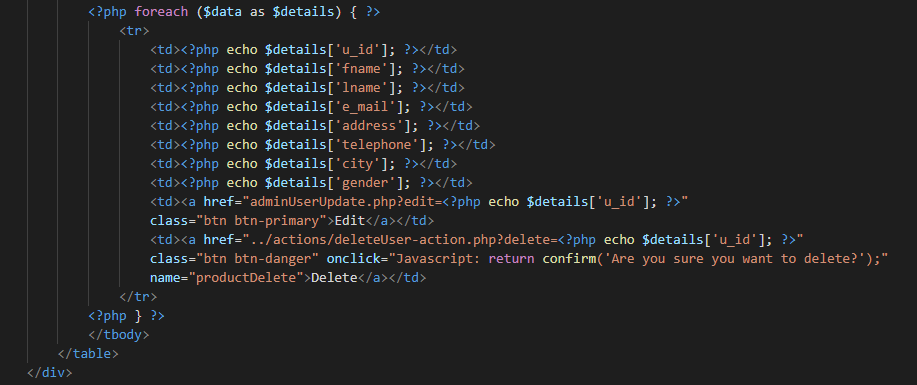
Add Update and Delete Product Code

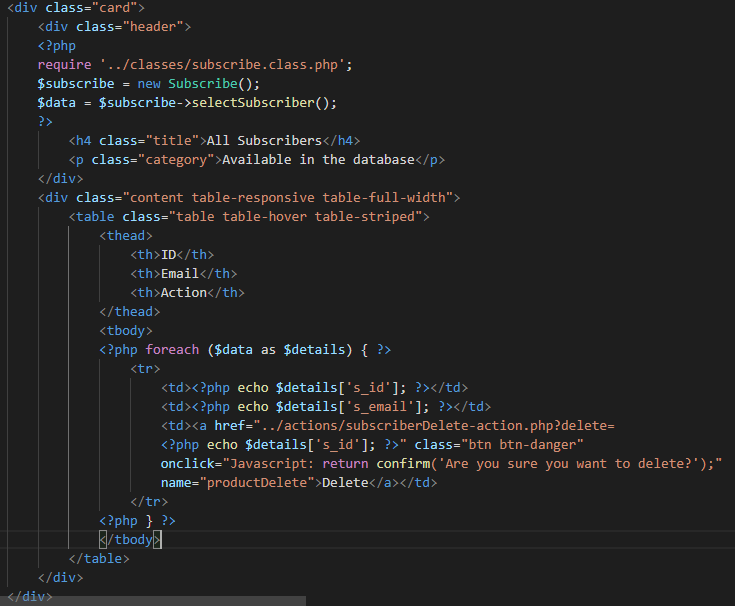
View Queries



View and Delete Contact Code







View Subscriber Code