Islington College

Object Oriented Analysis and Design
CC2008NI
Coursework

<table>
<tr><td>Submitted By:</td><td></td><td>Submitted To:</td></tr>
<tr><td>Student Name:</td><td>Bishwas kalika</td><td>Mr. Rabin Regmi</td></tr>
<tr><td>Student ID:</td><td>13052050</td><td>Lecturer</td></tr>
<tr><td>Group:</td><td>L2C2</td><td></td></tr>
<tr><td>Date:</td><td>4/29/2016</td><td></td></tr>
</table>

Table of Contents

Table of figure   Page No.

1. Introduction

This system is for sandesh prasai newly formed guitar shop. Where he buys in the large numbers of Aria guitar, overseas guitar, seals them on to the both dealers and the general public. These guitars are in perfect condition but some of them damage like minor cosmetic scratches and structural defects. At present these guitars are locked in a warehouse. Sandesh wants the system which can record the details of date of purchased, delivery date, make, quantity, cost and the company bought from. Another requirement of sandesh system is the system should be able to keep record of guitar details. In this section each guitar should have unique id number, make, model, color, proposed selling price and condition of guitar. Sandesh has also sales for other dealers and he has eBay shop for general public sells. For this purpose, the system has managed the details like: stock of guitar, details of guitar, present condition of guitar, selling price and a photo of guitar.

1.1 Tools used:

In this sandesh prasai shop can view the details of the guitar, purchase dates and stock details of the guitar.

The different tools that I have use to develop this system:

Bootstrap:

This framework is easy to use. At the same this framework is user friendly. The main purpose using this framework is responsive design. Additionally, the framework has user friendly color combination.

PHP

PHP is script as well as open source language. It works on every operating system. Now days more than 70% of web based system are being developed in PHP. In this project I have also used PHP 5.4.45 (PHP, 2016). Additionally, it is object oriented language.

XAMP

This is for database control. Actually XAMP is software for localhost or local server (XAMP, 2016).

Sublime Text

This is sublime Text editor version 3. It is light weight compare than other Dreamweaver and other software.
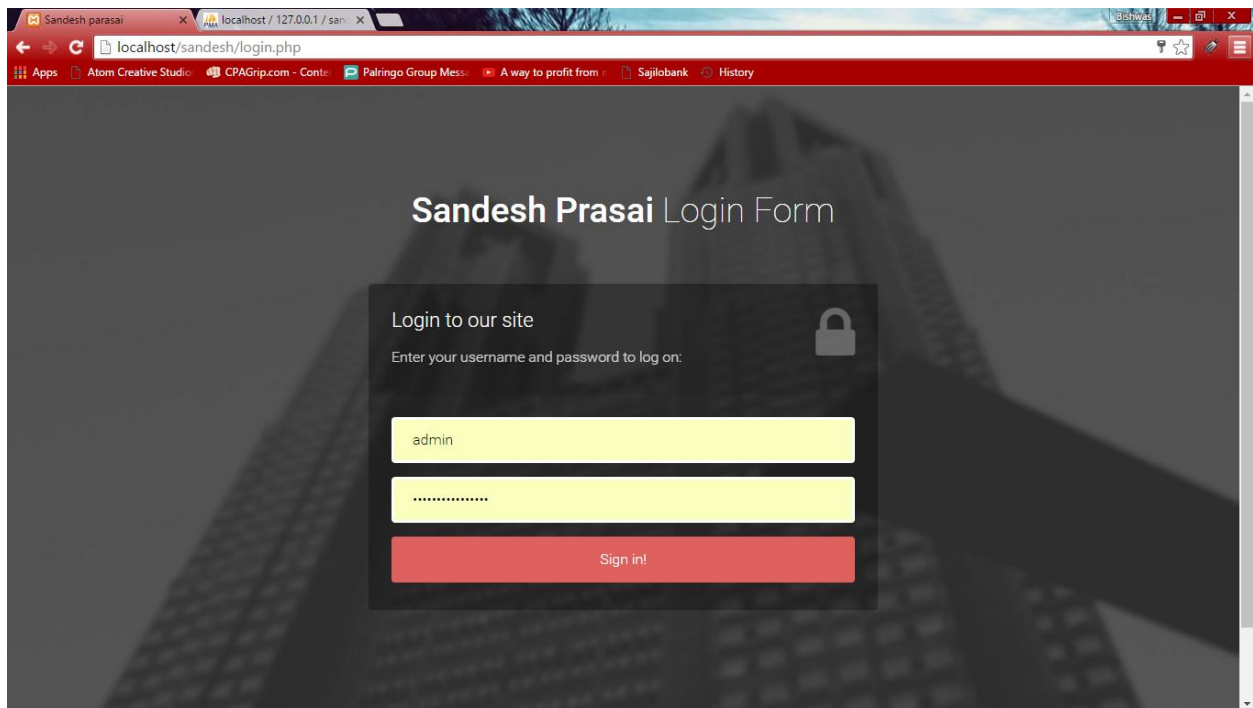
2. Core function of the system

Figure 1: login page of system

This is login page of the system. The user must enter the user name and password correct. Otherwise the system will not allow to enter in the system.
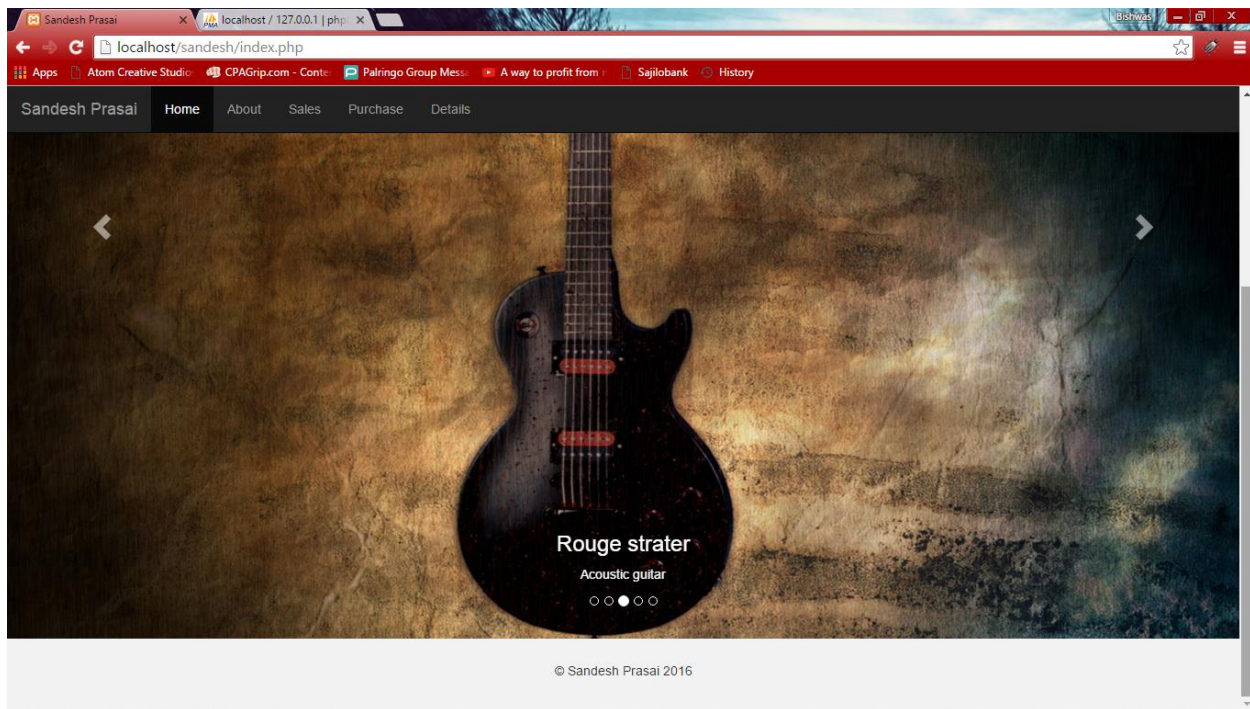
Figure 2: Index page of system

This is the index page or main page of the system. There is logo of sandesh prasai guitar shop. There is Home, About, Sales, Purchase, Details bottom.
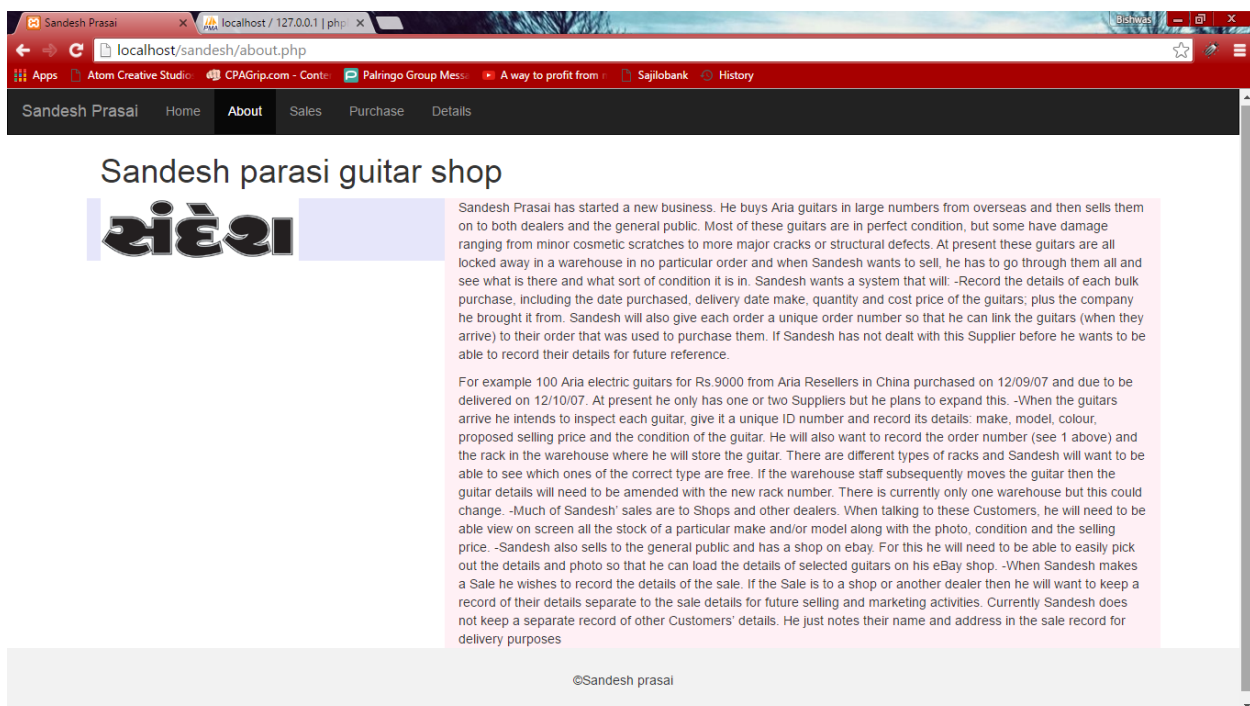

Figure 3: About us page of system

This is about page of the system. This page give information about this sandesh prasai guitar shop. Additionally, the page will give service are provided from sandesh prasai guitar shop.
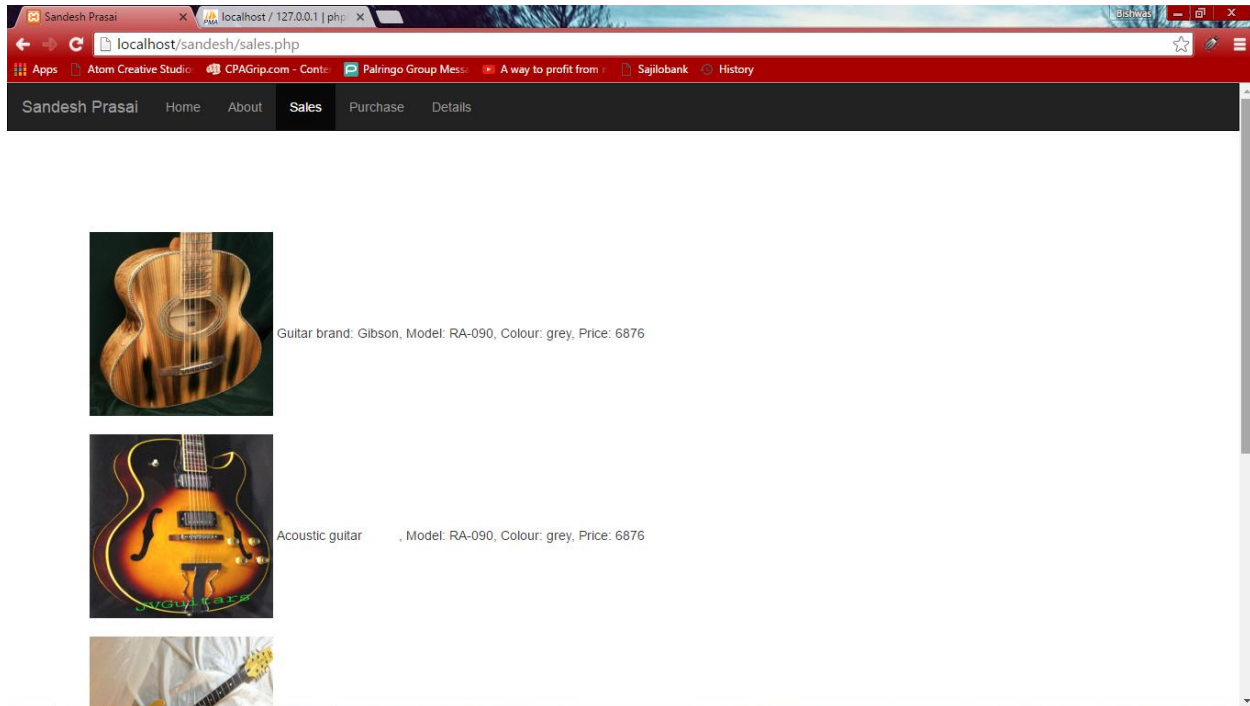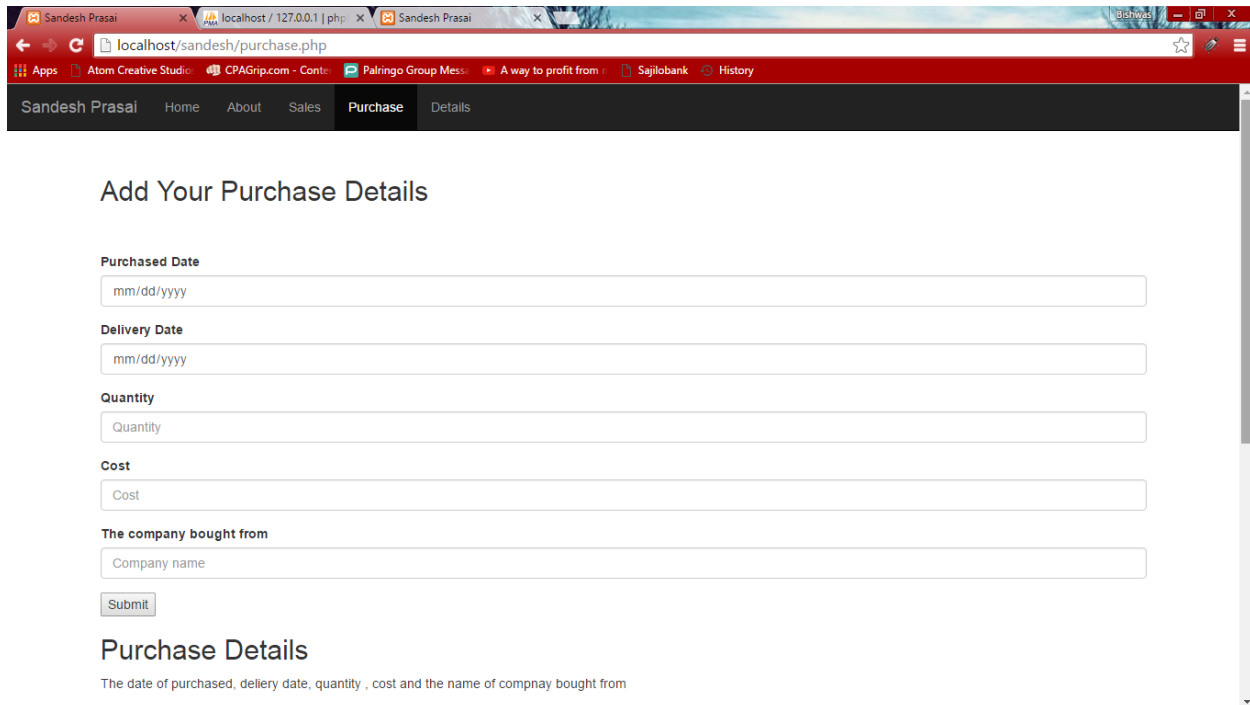
Figure 4: Sales page of system

This is sales page. Where sandesh can see picture of the guitar, brand, model, price and etc. It is only display the guitar available in their store. So that he can plan what do we have and what we have to order new guitar.

Figure 5: Input of purchase details page

This is purchase page. Where sandesh can add the details like: purchase date, delivery date, quantity, cost, the company bought from. Actually it is html form which take input from user and send to database. And the database will save the new data in organize manger.

Figure 6: Output of purchase details

This page is displaying the purchase details of the sandesh prasai guitar shop. This is output from database. In figure 5 the data are entered the database will save and in this table the data is displaying. The database is creating the unique Id for every item purchase date, delivery date, quantity, cost, the company brought from is shame from user input item.

Figure 7: Edit page of purchase details

This is Edit page from purchase page. Here sandesh prasai can edit the details from another page. When he made a mistake or need to update the data. He simply clicks the edit bottom (right side of figure) in figure 6. The user can edit all the details from purchase page.

Figure 8: Input of guitar details page

This is details page. Where the user or sandesh can enter the guitar details like: make, model, color, price. This is html form it is directly connecting with database. This entered data will save in database.
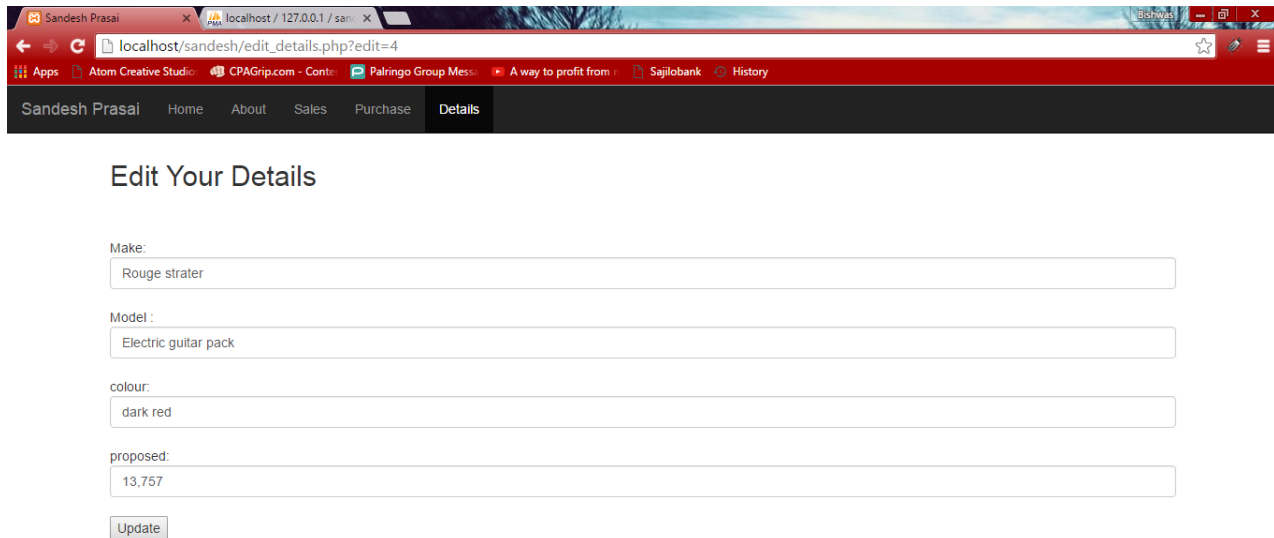
Figure 9: Output of guitar details page

This is guitar details display from figure 8 where user input the details of the guitar. The details come from database. It will automatically generate the id number and other is shame from input data.

Figure 10: Edit guitar details page

This is edit guitar details page. It comes from the details in figure 9. It allows to sandesh or user to edit and update the data from another page. The enter data can be mistake or can be update. so in this situation the page will help the user.

3. Test cases

Test 1. Login

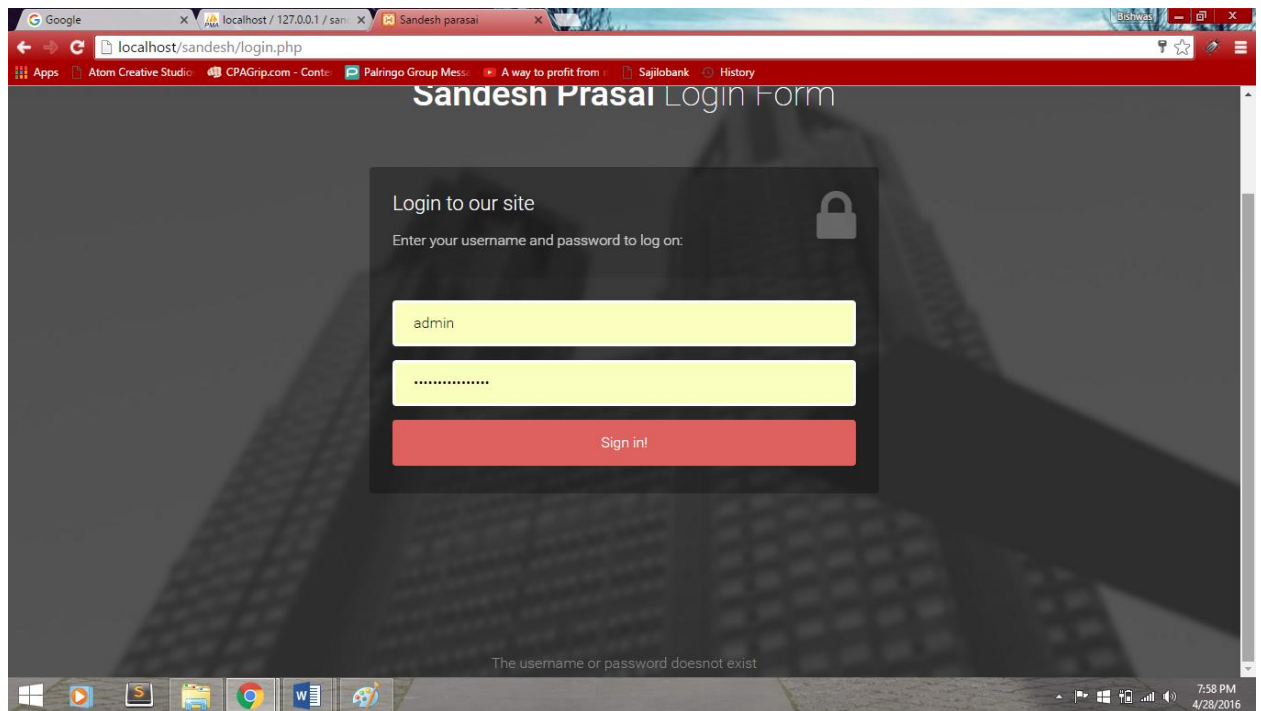| Input	Username: something Password: anything
Expected Output	Failed Login
Actual Output	Failed Login

Figure 11: Login failed

Test one result: The test is successful because login user name and password is wrong.

Test 2. Login

Input	Username: something Password: anything
Expected Output	successful Login
Actual Output	successful Login
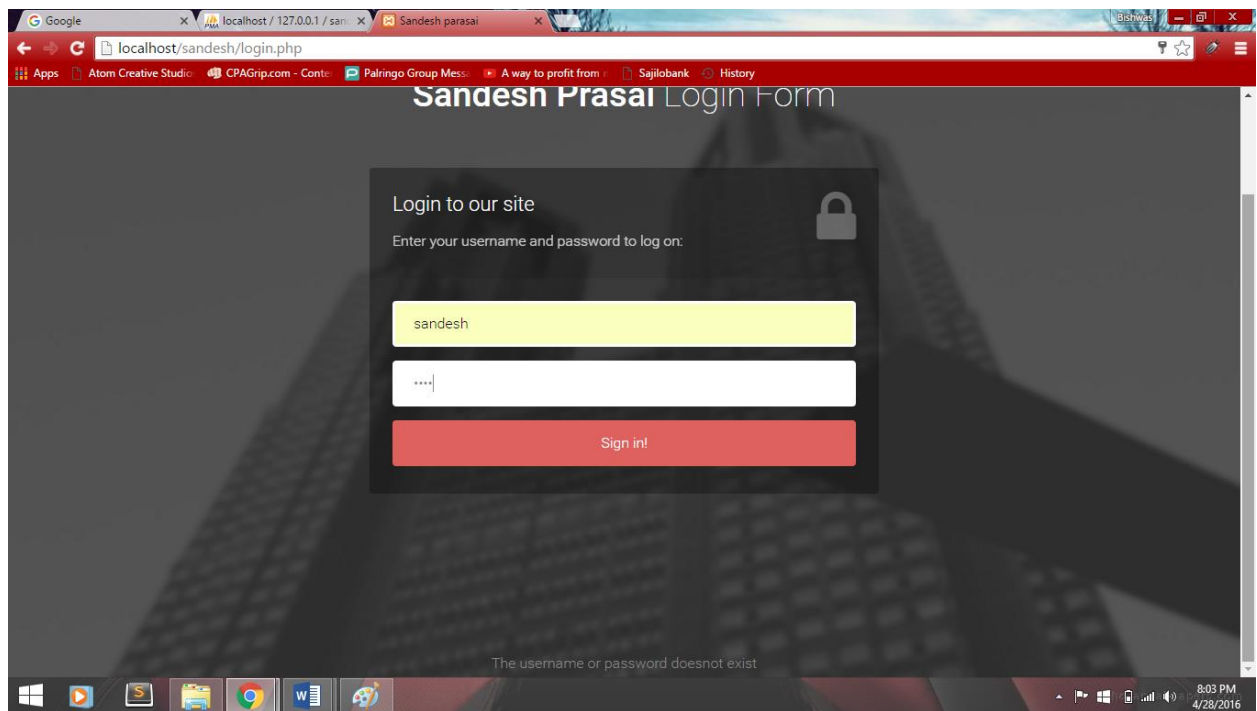
Figure 12: Login successful

Test two result: Login is successful because the expected username and password is right.

Test 3: Wrong and blank input

Input	Blank and wrong cannot be added to the database or system
Expected Output	Error message
Actual Output	Error message

Figure 13: Wrong and blank input

Test three result: The test successful because the wrong input and blank cannot be added to database.

Test 4: Add purchase details

Input	Add purchase details like: purchase date, delivery date, quantity, cost, the company bought from.
Expected Output	Add new item successful
Actual Output	Add new item successful
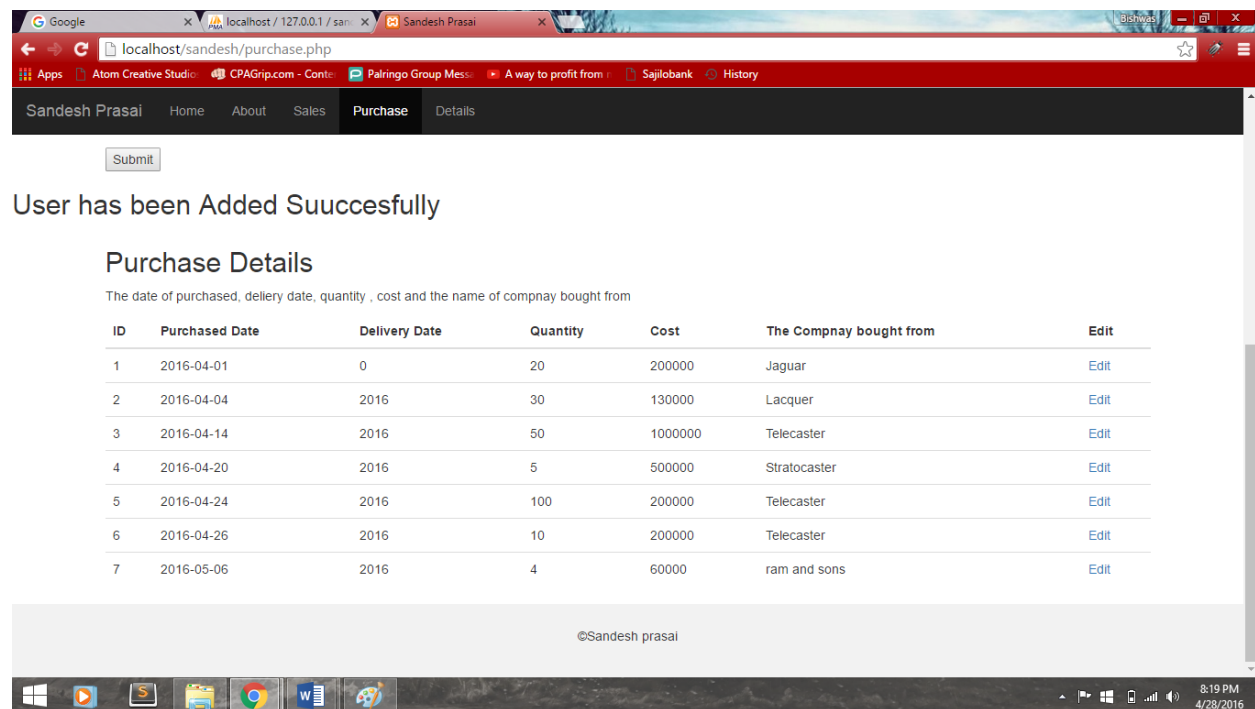
Figure 14: Inputting new item details

Figure 15: Add new item successfully

Figure 16: After adding new item in database

Test result four: The test is successful because the new item has been added to the database.

Test 5: Wrong and blank input

Input	Blank and wrong cannot be added to the database or system
Expected Output	Error message
Actual Output	Error message
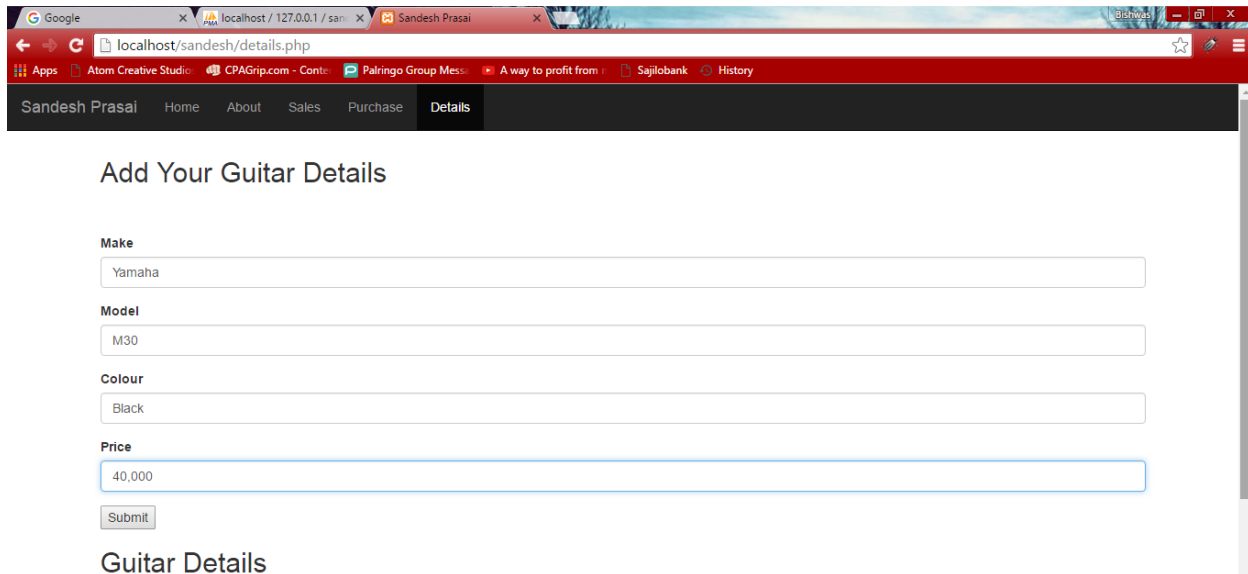
Figure 17: checking wrong and blank input

Test result fifth: The system is checking the wrong and blank input from user.

Test 6: Add guitar details

Input	Add guitar details like: make, model, color, price.
Expected Output	Add new item successful
Actual Output	Add new item successful
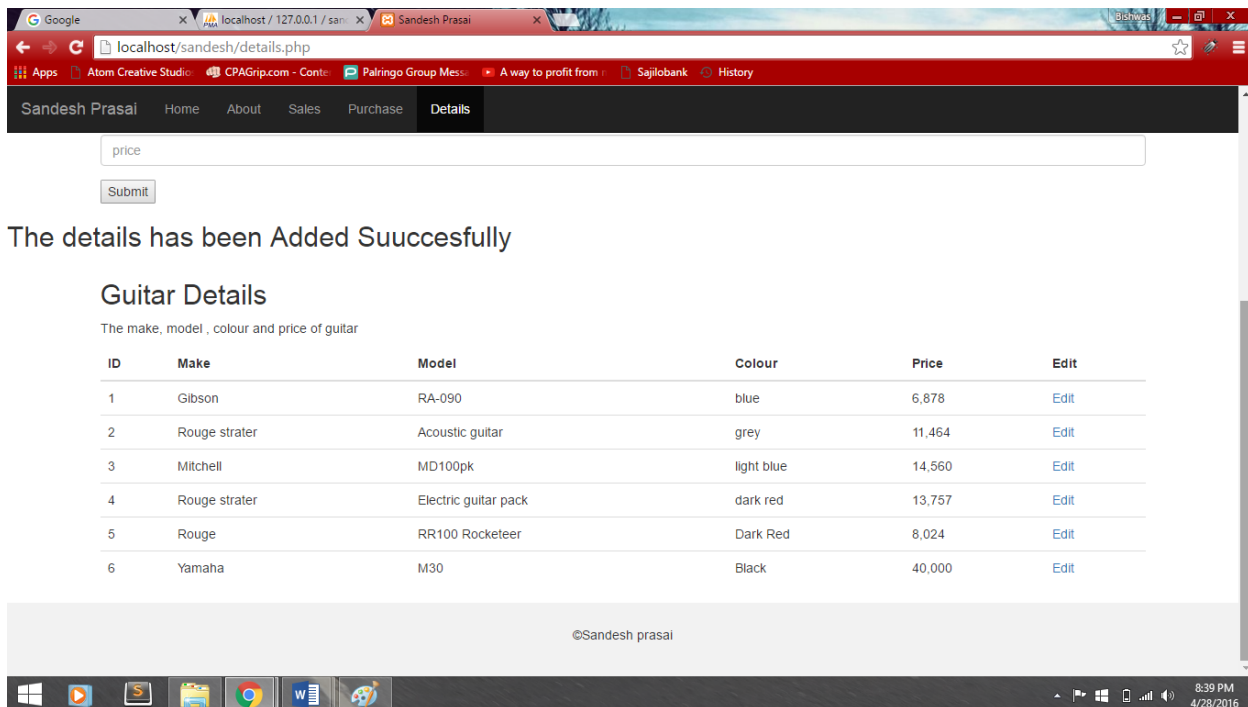
Figure 18: Inputting new item details

Figure 19: The details has been added and display to screen

Figure 20: After adding new guitar details in database

Test sixth: The test is successful because the new guitar details has been added to the database.

Test 7: View the guitar details and its photo (available in store)

Input	View the guitar details and its photo.
Expected Output	View guitar details available in store.
Actual Output	View guitar details available in store.

Figure 21: View the details of guitar and its photo(available in store)

Test seven: Sandesh can view the details of the guitar and its photo available in store.

4. Summary

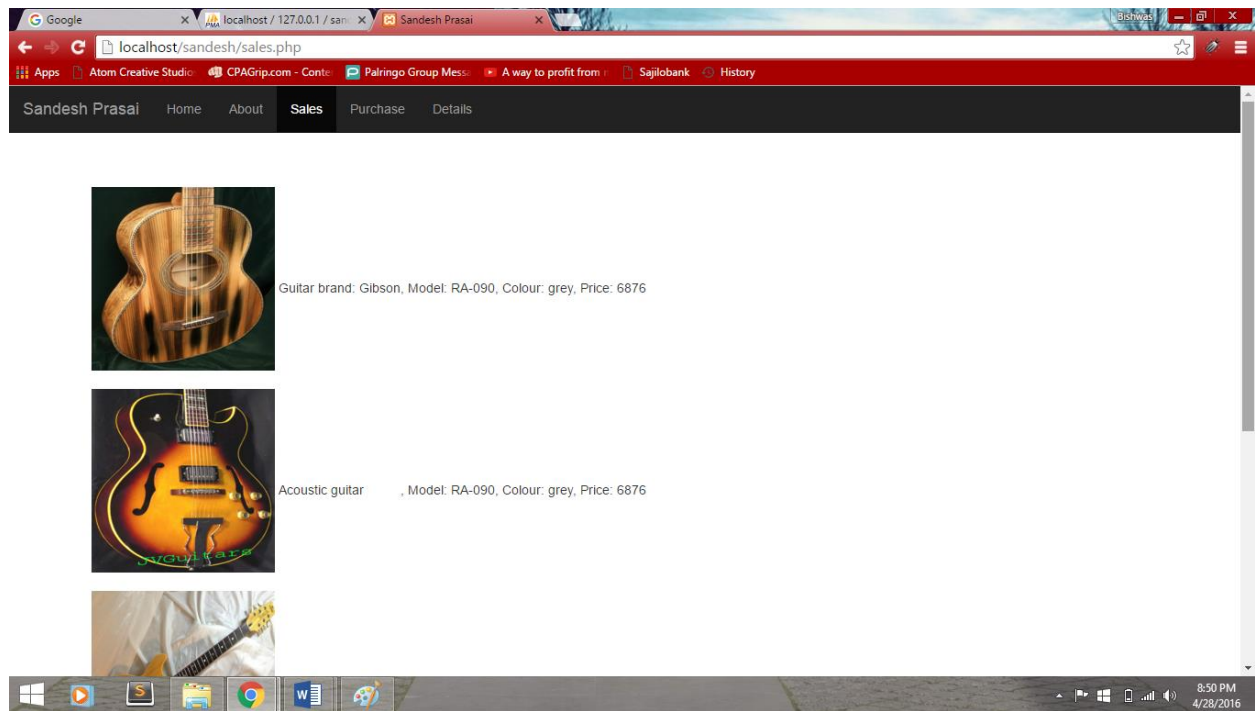Making this project is not an easy job. It takes a lot of time and research. I stared this project one month ago. For the first time I have done project in MySQL and PHP. In this process I have consult with module leader so many times. Additionally, I have also consult with various other teacher. Also consult with senior and my class mate. It was difficult task to handle the MySQL database and PHP. Moreover, I also have to focus on the requirements of project or client and focus on the user interface and different browsers compatibility mode. Lastly I have learned so some positive and great skills from this project. I hope so this skill may help for my further purpose and further carrier.

5. Reference

PHP, 2016. *PHP.* [Online]
Available at: http://php.net/downloads.php
[Accessed 29 4 2016].

XAMP, 2016. *Apache friends.* [Online]
Available at: https://www.apachefriends.org/index.html
[Accessed 29 4 2016].