

Web Application using Bootstrap & Codeigniter



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Content

1 .Implementation Details	2 page
2.Lesson learnt	3 page
3.Problems encountered	3 page
4. How to resolved	3 page
5. Screen shots	4 page

1.Implementation Details

Firstly I downloaded bootstrap(CSS & js files) and Codeigniter file into the desktop.Created folder in Codeigniter file(resources) .then copy and paste CSS ,js files into it.Now Codeigniter file copy into the xampp/htdocs folder. Then open that folder using sublime text.

Then I create a Home page of the web site only using bootstrap.

Then I started to create **CRUD** operations page using bootstrap and Codeigniter. We Had to create DB for crud operation. Then I opened PHPMyAdmin and created a DB(**crud**). Also, I created a table(**customer**) in that DB.

Then I created a table for view data. Delete, Create, Update buttons added to it. You want to add some customers then you can click the **create** button, fill the form of information and save it. Then you can be able to **read** that details from the details table. If You want to **update** some customer details, click the update button end of the customer line. Then you can be able to see that customer details and now you can change it. As well as you can **delete** data use that process.

I linked CSS, js and jquery file into the **header.php** and **footer .php** files. Also added that hearder.php and footer.php file into **home.php** file. My CSS(**header.css**) file linked into a hearder.php file. As well as used PHP to create, update, read and delete from customer database. I had to create model files and connection files to it. As an example, you add new customer details then that record saved in the customer database.

2. Lesson learned

- I learned how to download Bootstrap and Codeigniter. As well as learned to open bootstrap and Codeigniter from the same folder in xampp/htdocs.
- Then I could be able to learn about link the bootstrap.css,bootstrap.js and jquery-3.5.1.js.also learned, Connect two files using PHP.
- Learned to add the bootstrap nav bar, buttons, forms, etc.
- Also Learned how to add, delete, update, and read details from website using DB.
- Learned about PHP codes.

3. Problem encountered

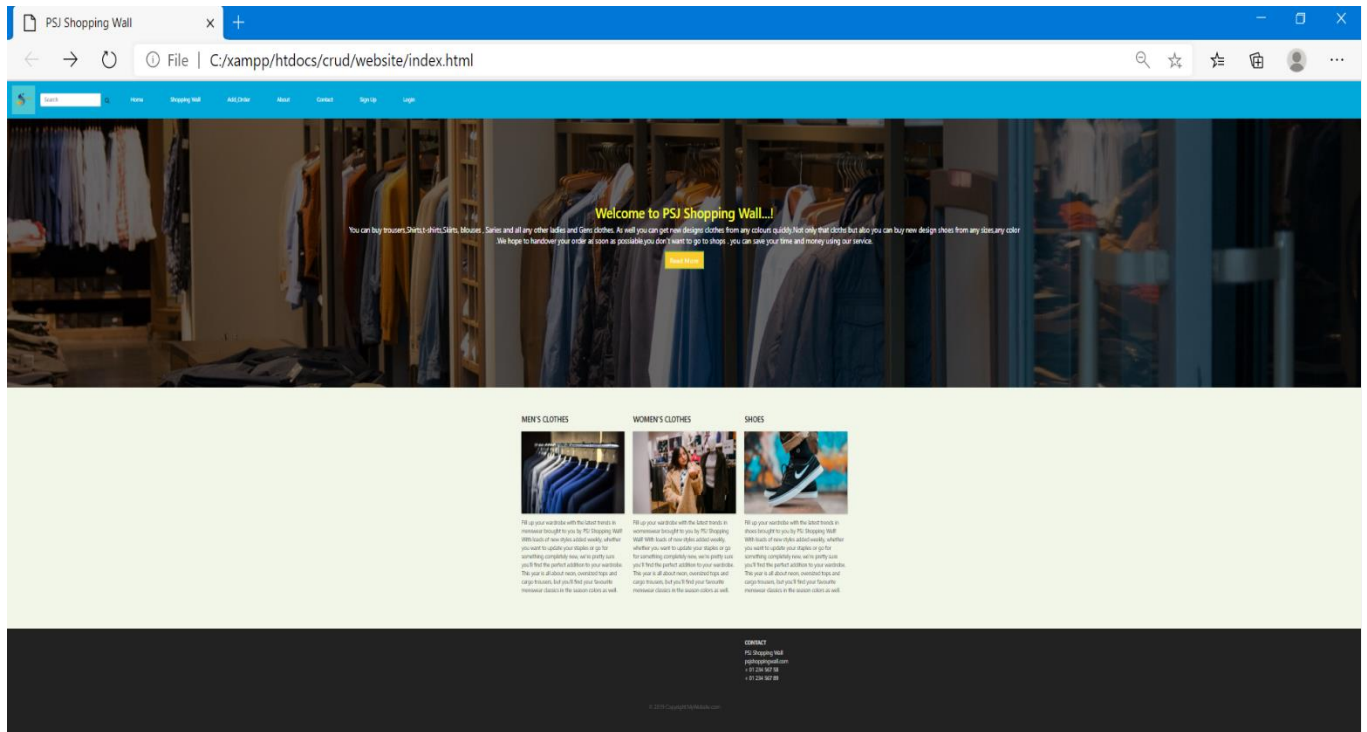
- Some PHP files were very large and unclear.
- Sum buttons, forms are not aligned to wanted palace.
- Some PHP codes were not executed.

4. How to resolved

- Some PHP files were very large and unclear
I think to divide the main page into header.php and footer.php, as well as I linked that files other PHP files.
- Sum buttons, forms are not aligned to wanted palace.
Then I created my CSS file, do position: absolutely , give right and left some pixels
- Some PHP codes were not executed.
Search PHP libraries add function and create to path autoload some libraries.

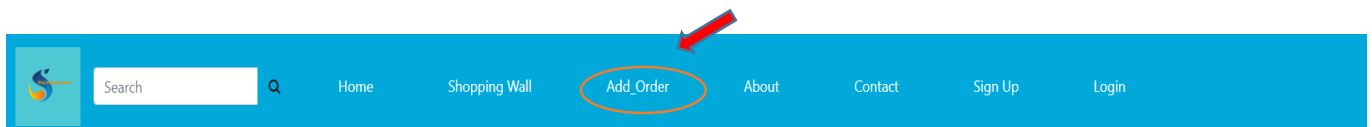
5. Screen shots

1. Home page using Bootstrap (crud->website->index.html)

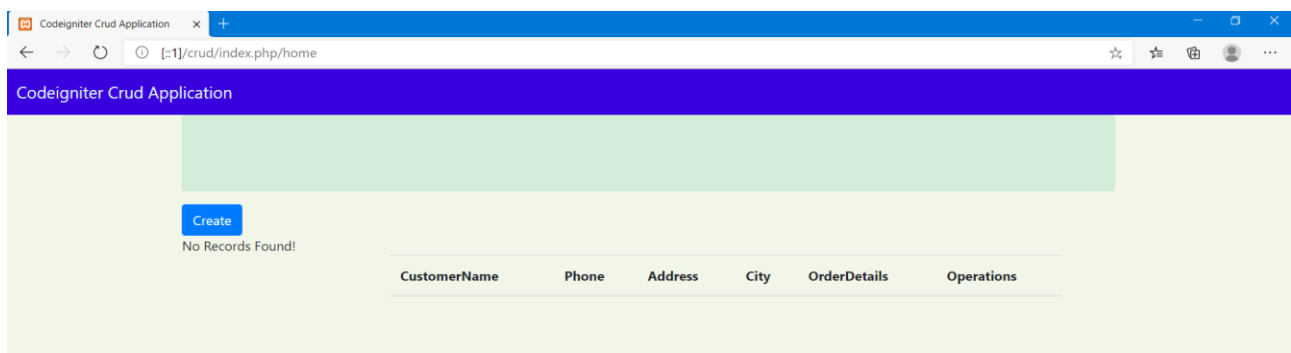


Crud operations(create,read,update,delete)

2. If You want to check crud operation , Click Add Order on the nav bar.



3. Crud operations page



4. Create record

Click on create button ,fill the form and save it .

Codeigniter Crud Application

Create customer

Customer_Name

Phone

Address

City

Order_Details

Reset

Create form

Record saved Successfully.

CustomerName	Phone	Address	City	OrderDetails	Operations
Dulanjali	0112345674	Matara,palatuwa	Matara	blue-color-000235-Tshirt	<input type="button" value="Update"/> <input type="button" value="Delete"/>

After add the record

5. Update record

Click on Update button ,then view your details form. Now you can change and save details.

Update customer

Customer_Name

Phone

Address

City

Order_Details

Reset

Update form

Record updated Successfully.

CustomerName	Phone	Address	City	OrderDetails	Operations
G.W.P.Dulanjali	0112345674	Matara,palatuwa	Matara	blue-color-000235-Tshirt	<input type="button" value="Update"/> <input type="button" value="Delete"/>

After update the record

6. Delete the record

Click on Delete button, then delete record.

Record deleted Successfully.

Create

CustomerName	Phone	Address	City	OrderDetails	Operations
G.W.P.Dulanjali	0112345674	Matara,palatuwa	Matara	blue-color-000235-Tshirt	<button>Update</button> <button>Delete</button>
sanduni	1234567892	matara	matara	tshirt	<button>Update</button> <button>Delete</button>
Janindu	2345678911	galle	galle	trouser	<button>Update</button> <button>Delete</button>

7. Database of the system

+ Options								
		id	customername	phone	address	city	order	
<input type="checkbox"/>	Edit Copy Delete	13	G.W.P.Dulanjali	0112345674	Matara,palatuwa	Matara	blue-color-000235-Tshirt	
<input type="checkbox"/>	Edit Copy Delete	14	sanduni	1234567892	matara	matara	tshirt	
<input type="checkbox"/>	Edit Copy Delete	15	Janindu	2345678911	galle	galle	trouser	
<input type="checkbox"/>	Edit Copy Delete	19	Reshan	1234567892	matara	matara	tshirt	
<input type="checkbox"/>	Edit Copy Delete	20	Janisha	2356891234	Pabhurana	matara	shoes	
<input type="checkbox"/> Check all		With selected: Edit Copy Delete Export						

References

[Form Helper — CodeIgniter 3.1.11 documentation](#)

[Bootstrap JS Scrollspy Reference](#)

[Download · Bootstrap v4.5](#)

.....Thank you.....