

CI and Bootstrap Assignment

Index no:18001564

2020.07.29

Description of implement details.

I write this report for the 3rd assignment of the course SCS2208 which we were advised to implement simple application using Codeignitor and Bootstrap. I used Bootstrap version 4 which is a CSS framework to implement my application with the php framework Codeignitor. I used PhPMysql to create my database. I created only one table to the application.

Summary

I implemented a simple application for an employee management system. I can add a new employee, view his details, update his details, and delete the record. Also I added a button to generate a report pdf which includes the status of the employees' table such as the count of male and female employees.

Lesson learnt

- I learnt to how to implement a simple application using Codeignitor which is a framework of PHP.
- I learnt how to work with Bootstrap and implement an web application more easily.
- I learnt about mysql and implement CRUD operations in a web application with sql queries.
- I learnt how to create a pdf file using Codeignitor.

Problem encountered and how were they resolved

- I faced to so many errors while implementing the application. There were a lot of PHP errors, sql errors, html errors and many more. I resolved all of them by watching videos on our vlc and you tube.

Function implemented

I implemented 5 functions which we were advised to do. They were CRUD operation and a report which includes the data saved in the database.

Here is some screen shots of my application..

CRUD operations

1.Create

The screenshot shows a web browser window with the URL `[-1]/myapp/index.php/home/create`. The page title is "CRUD Operations". The main heading is "Add a new employee". The form contains the following fields:

- Name:
- Contact Number:
- Address:
- City:
- Gender:

At the bottom of the form are two buttons: "Submit" and "Reset". The background of the page features a desk with a laptop, a smartphone, and a pair of glasses.

2. Read

The screenshot shows the same web browser window, but now displaying a list of employees. A green message box at the top says "Record Saved Successfully.". Below the message are two buttons: "Add new" and "Print All". The table below lists the employees:

Employee Name	Contact no	Address	City	Gender	Action
Sasindu Subodhaka	779726091	Tharjan Thenna	Balangoda	Male	Update Delete
Nimali	778679052	Thumbagoda	Balangoda	Female	Update Delete
Sudeera Bandara	765645234	Ellepola	Balangoda	Male	Update Delete
Senuri	775610042	no 08, Samagaj mawatha, Balangoda	Balangoda	Female	Update Delete

The background of the page features a desk with a laptop, a smartphone, and a pair of glasses.

3.update

Pass Data Between View and Controller | pass multiple variable from controller | Employee Management System

[-1]/myapp/index.php/home/edit/10

CRUD Operations

Update the employee

Name
Senuri Vihansa


Contact Number
775610045

Address
no 08, Samagi mawatha, Ranthnapura

City
Rath
Rathnapura

Gender
Female

[Submit](#) [Reset](#)



Pass Data Between View and Controller | pass multiple variable from controller | Employee Management System


[-1]/myapp/index.php/Home

CRUD Operations

Record Updated Successfully.

[Add new](#) [Print All](#)

Employee Name	Contact no	Address	City	Gender	Action
Sasindu Subodhaka	779726091	Tharjan Thenna	Balangoda	Male	Update Delete
Nimali	778679052	Thumbagoda	Balangoda	Female	Update Delete
Sudeera Bandara	765645234	Ellepola	Balangoda	Male	Update Delete
Senuri Vihansa	775610045	no 08, Samagi mawatha, Ranthnapura	Rath	Female	Update Delete



4.Delete

Record Updated Successfully.

[Add new](#) [Print All](#)

Employee Name	Contact no	Address	City	Gender	Action
Sasindu Subodhaka	779726091	Thanjan Thenna	Balangoda	Male	Update Delete
Nimali	778679052	Thumbagoda	Balangoda	Female	Update Delete
Sudeera Bandara	765645234	Ellepol	Balangoda	Male	Update Delete
Senun Vihansa	775610045	no 08, Samagi mawatha, Ranthnapura	Rath	Female	Update Delete

delete: මෙම දත්තය, පදනමේ තැබෙන, පදනමේ තැබෙන, පදනමේ තැබෙන

Record Deleted Successfully.

[Add new](#) [Print All](#)

Employee Name	Contact no	Address	City	Gender	Action
Sasindu Subodhaka	779726091	Thanjan Thenna	Balangoda	Male	Update Delete
Nimali	778679052	Thumbagoda	Balangoda	Female	Update Delete
Sudeera Bandara	765645234	Ellepol	Balangoda	Male	Update Delete

5. Report Generation

