Design and Implementation of an Online Web Development Learning System

by

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Supervised by
Arifur Rahaman

Submitted in partial fulfillment of the requirements for the degree of
Bachelor of Science in Computer Science and Engineering



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
SONARGAON UNIVERSITY (SU)

September 2024

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APPROVAL

The project titled "**Design and Implementation of an Online Web Development Learning System**" submitted by Saiful Islam Pyada (CSE2101022102), Saimon Sarker (CSE2101022093), Md. Bahar Munsi (CSE2101022024), Md. Kabir Hossain (CSE2101022115), Lutfun Nahar (CSE2101022006) to the Department of Computer Science and Engineering, Sonargaon University (SU), has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science and Engineering and approved as to its style and contents.

Board of Examiners

Supervisor

Arifur Rahaman
Assistant Professor & Coordinator
Department of Computer Science and Engineering
Sonargaon University (SU)

Examiner 1

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Examiner 2

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Department of Computer Science and Engineering
Sonargaon University (SU)

Examiner 3

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Department of Computer Science and Engineering
Sonargaon University (SU)

DECLARATION

We, hereby, declare that the work presented in this report is the outcome of the investigation performed by us under the supervision of **Arifur Rahaman, Assistant Professor & Coordinator,** Department of Computer Science and Engineering, Sonargaon University, Dhaka, Bangladesh. We reaffirm that no part of this project has been or is being submitted elsewhere for the award of any degree or diploma.

Countersigned

(Arifur Rahaman)

Supervisor

Signature

Saiful Islam Pyada
ID: CSE2101022102

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ABSTRACT

The modern world almost wholly depends on advanced technology. Consequently, our life is fully influenced by modern technology-based devices like mobile phones, laptops, tablets, computers and so on. However, we cannot think a single day without the magical device mobile phone. Due to easy usage, people from all classes widely use it for many purposes. Nowadays, it works like all in one. On the one hand, it offers instant call, message, net browsing, email checking, watching videos, connecting social media, online gaming, source of entertainment and many more. We are blessed with this device without any doubt as it puts our modern life forward many steps ahead. On the other hand, people of all age groups are spending most of their time using the mobile phone. Owing to its excessive usage, one may face lots of problems such as depression, chronic pain, distraction, sleepless night and many more which are threatening for people. In this paper, we try to find out how much time people spend on various mobile phone activities such as communication, gaming, social media, and net browsing daily. As for spending much time on these activities causes harmful for humans, we also discuss the effect of excessive use of mobile phones deeply with consulting doctors and IT experts and suggest some probable solutions.

ACKNOWLEDGMENT

At the very beginning, we would like to express my deepest gratitude to the Almighty Allah for giving us the ability and the strength to finish the task successfully within the schedule time.

We are auspicious that we had the kind association as well as supervision of **Arifur Rahaman,** Assistant Professor & Coordinator, Department of Computer Science and Engineering, Sonargaon University whose hearted and valuable support with best concern and direction acted as necessary recourse to carry out our project.

We are also thankful to all our teachers during our whole education, for exposing us to the beauty of learning.

Finally, our deepest gratitude and love to my parents for their support, encouragement, and endless love.

LIST OF ABBREVIATIONS

API	Application Programming Interface
CSS	Cascading Style Sheets
CV	Curriculum Vitae
JS	Java script
HTML	Hypertext Markup Language
OOP	Object Oriented Programming
PSD	Photoshop Document
PHP	Hypertext Preprocessor
UI	User Interface
WWW	World Wide Web

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CHAPTER 1

INTRODUCTION TO ONLINE WEB DEVELOPMENT LEARNING SYSTEM

1.1 Introduction

Through online courses we can complete the courses of our choice at home. We don't have to take extra trouble with that. This course introduces the students to basic web design concepts and skills that will allow them to build professional website and modify existing website. Students will learn HTML & CSS, Bootstrap, jQuery this will include everything a student need to creating a website. There is nothing that does not require Design. Whatever you see needs a beautification before creating. Even in this Digital world, now Graphic Design has Great Demand around the world. Starting from a Business card to a complete website requires Design and mockups.

1.2 Objectives

The modern world almost wholly depends on advanced technology. Consequently, our life is fully influenced by modern technology-based devices like mobile phones, laptops, tablets, computers and so on. However, we cannot think a single day without the magical device mobile phone. Due to easy usage, people from all classes widely use it for many purposes. Nowadays, it works like all in one. On the one hand, it offers instant call, message, net browsing, email checking, watching videos, connecting social media, online gaming, source of entertainment and many more. We are blessed with this device without any doubt as it puts our modern life forward many steps ahead.

1.3 Online Web Programming Learning Feature Extraction

- Responsive Web Design
- Graphic Design
- Basic Computer Training
- PSD to Bootstrap
- Basic Computer & T-shirt Design
- Web Design & Development

1.4 Why Online Web Programming Learning based method?

Through online courses we can complete the courses of our choice at home. We don't have to take extra trouble with that. Online spending is comparatively less than offline spending in terms of money. If any problem is encountered while working, it can be solved by sending a message to the trainer at any time. So I think online ICT solutions are based.

1.5 Organization of the Project book

At the very beginning, we would like to express my deepest gratitude to the Almighty Allah for giving us the ability and the strength to finish the task successfully within the schedule time.

We are auspicious that we had the kind association as well as supervision of **Arifur Rahaman,** Assistant Professor & Coordinator, Department of Computer Science and Engineering, Sonargaon University whose hearted and valuable support with best concern and direction acted as necessary recourse to carry out our project.

We are also thankful to all our teachers during our whole education, for exposing us to the beauty of learning.

Finally, our deepest gratitude and love to my parents for their support, encouragement, and endless love.

CHAPTER 2

LIST OF FEATURES

2.1 Responsive Web Design

This course introduces the students to basic web design concepts and skills that will allow them to build professional website and modify existing website. Students will learn HTML & CSS, Bootstrap, jQuery this will include everything a student need to creating a website. The course strives to really make the student understand the core concepts behind the world wide web(www) language. This course begins with the basic coding language of HTML & CSS. The next step contains the use of elements in HTML & CSS. At the end it moves on to use forms, media and HTML5 in the website. This is an accelerated course for the students interested in learning techniques for creating professional websites using HTML & CSS. This course will show the students step-by-step how to build a simple HTML website from scratch. After HTML & CSS you will learn Bootstrap which will give you make sense about responsive website design and you will get a test of frontend framework. Learn how to design quickly responsive website using Bootstrap. After getting concept of responsive design you will learn jQuery which will give you website much more interactive features. You will learn how to use jQuery plugin which give your website more look and feels.



Fig-1: Responsive Web Design

2.2 Graphic Design

There is nothing that does not require Design. Whatever you see needs a beautification before creating. Even in this Digital world, now Graphic Design has Great Demand around the world. Starting from a Business card to a complete website requires Design and mockups. Both print materials and Web content have similar Demand in the current market. Our main focus is to show you how design works and make you able to earn money from marketplaces. Your passion and interest will let you achieve all the success. You don't have to have a Design background or you don't need to be an artist either to take the course. All you need is courage and passion.



Fig-2: Graphic Design

2.3 Basic Computer Training

We call it computer age or technological age. Now we can do various tasks instantly Through our mobile. The use of mobile phones has increased a lot in the last 7-8 years. Gmail, Facebook, Twitter, Instagram everything we use now on mobile. A question naturally on everyone's mind If it comes, is it possible to do the work of freelancing through mobile? no not possible Because it's yours A computer is required, which will help you to complete the work with various software. Since We are now far behind computers as we do all our common communication tasks through mobiles Don't waste time. Due to this, many of us cannot do basic computer work and are freelancing It becomes difficult for us to work in the marketplaces. There are many who want to do freelancing or There is interest but not getting the courage to do basic computer work well. To all of you Everyone will learn by thinking, this is the first time we have started a course on "Basic Computer" in Mirpur branch Going to do where you can learn the basics of computer A - Z. Our seats are limited Those who are interested in doing our course can register now.



Fig-3: Basic Computer Training

2.4 PSD to Bootstrap

This course introduces the students to basic web design concepts and skills that will allow them to build professional website and modify existing website. Students will learn HTML & CSS, Bootstrap, jQuery this will include everything a student need to creating a website. The course strives to really make the student understand the core concepts behind the world wide web(www) language. This course begins with the basic coding language of HTML & CSS. The next step contains the use of elements in HTML & CSS. At the end it moves on to use forms, media and HTML5 in the website. This is an accelerated course for the students interested in learning techniques for creating professional websites using HTML & CSS. This course will show the students step-by-step how to build a simple HTML website from scratch. After HTML & CSS you will learn Bootstrap which will give you make sense about responsive website design and you will get a test of frontend framework. Learn how to design quickly responsive website using Bootstrap. After getting the concept of responsive design you will learn jQuery which will give your website much more interactive features. You will learn how to use jQuery plugin which give your website more look and feels. After finishing front-end part you guys will get WordPress course which most demand able in the online marketplace. You will learn WordPress theme advanced customization.



Fig-4: PSD to Bootstrap

2.5 Basic Computer & T-shirt Design

We call it computer age or technological age. Now we can do various tasks instantly Through our mobile. The use of mobile phones has increased a lot in the last 7-8 years. Gmail, Facebook, Twitter, Instagram everything we use now on mobile. A question naturally on everyone's mind If it comes, is it possible to do the work of freelancing through mobile? no not possible Because it's yours A computer is required, which will help you to complete the work with various software. Since We are now far behind computers as we do all our common communication tasks through mobiles Don't waste time. Due to this, many of us cannot do basic computer work and are freelancing It becomes difficult for us to work in the marketplaces. There are many who want to do freelancing or There is interest but not getting the courage to do basic computer work well. To all of you Everyone will learn by thinking, this is the first time we have started a course on "Basic Computer" in Mirpur branch Going to do where you can learn the basics of computer A - Z. Our seats are limited Those who are interested in doing our course can register now.

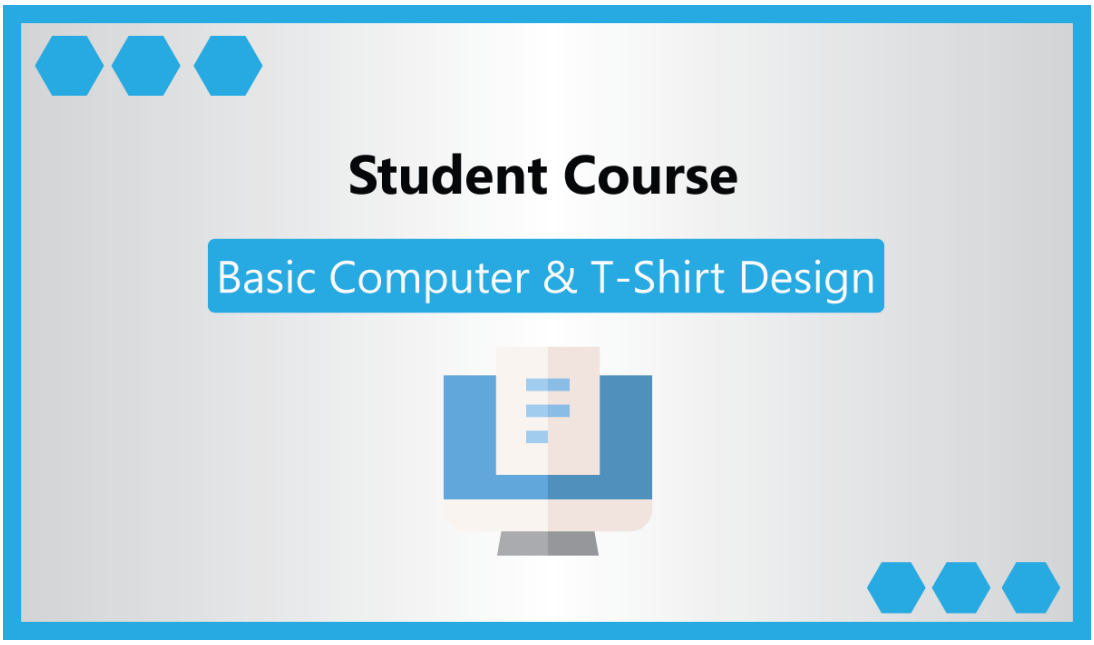


Fig-5: Basic Computer & T-Shirt Design

2.6 Web Design & Development

This course introduces the students to basic web design and development concepts and skills that will allow them to build professional website and modify existing website using php and wordpress. Students will learn HTML & CSS, Bootstrap, jQuery, raw php, OOP & Mysql, advanced level wordpress theme customization and wordpress theme development this will include everything a student need to creating a website using php and wordpress. The course strives to really make the student understand the core concepts behind the world wide web(www) language. This course begins with the basic coding language of HTML, CSS & PHP.The next step contains the use of elements in HTML & CSS in real life project.



Fig-6: Web Design & Development

CHAPTER 3

HOW TO USE THE USERS

4.1 Registration & Login User

Registration : A user can't visit his/her profile without register. And don't continue this course. So first registration & choose his/her course then login your profile & continue course, see course tutorial **.**

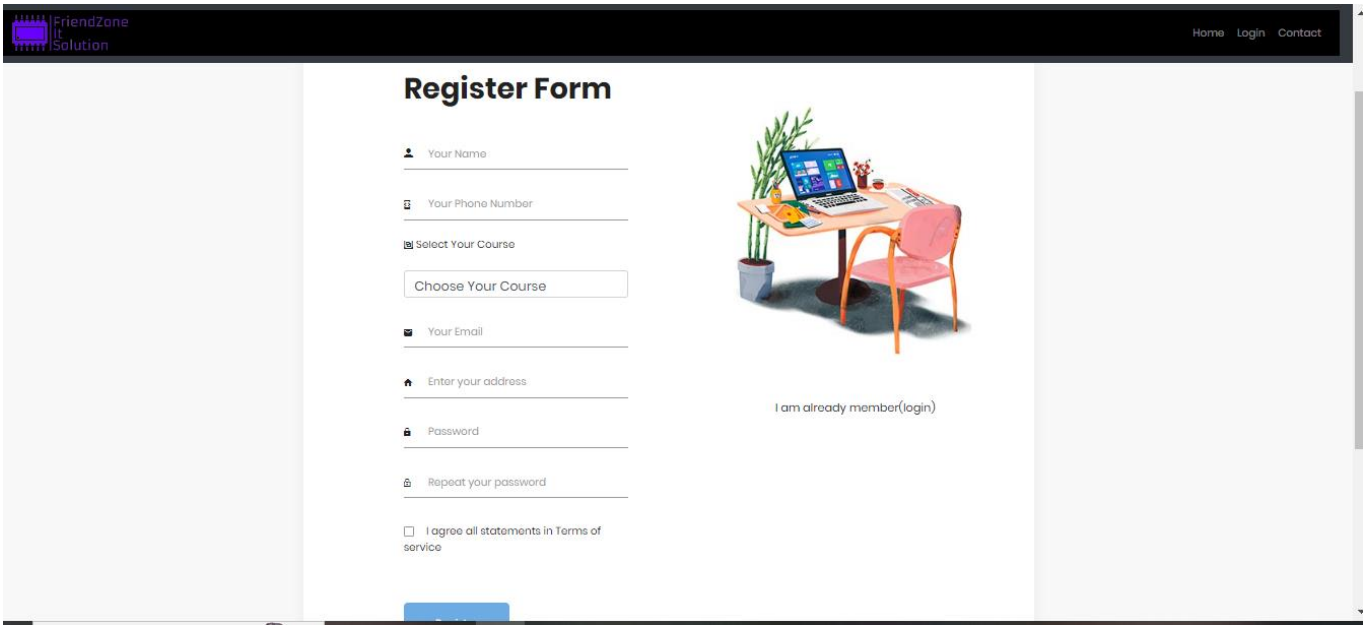


Fig-7: User Register Form.

Login: User Successfully Register & Admin Approve this then user login & visit profile.

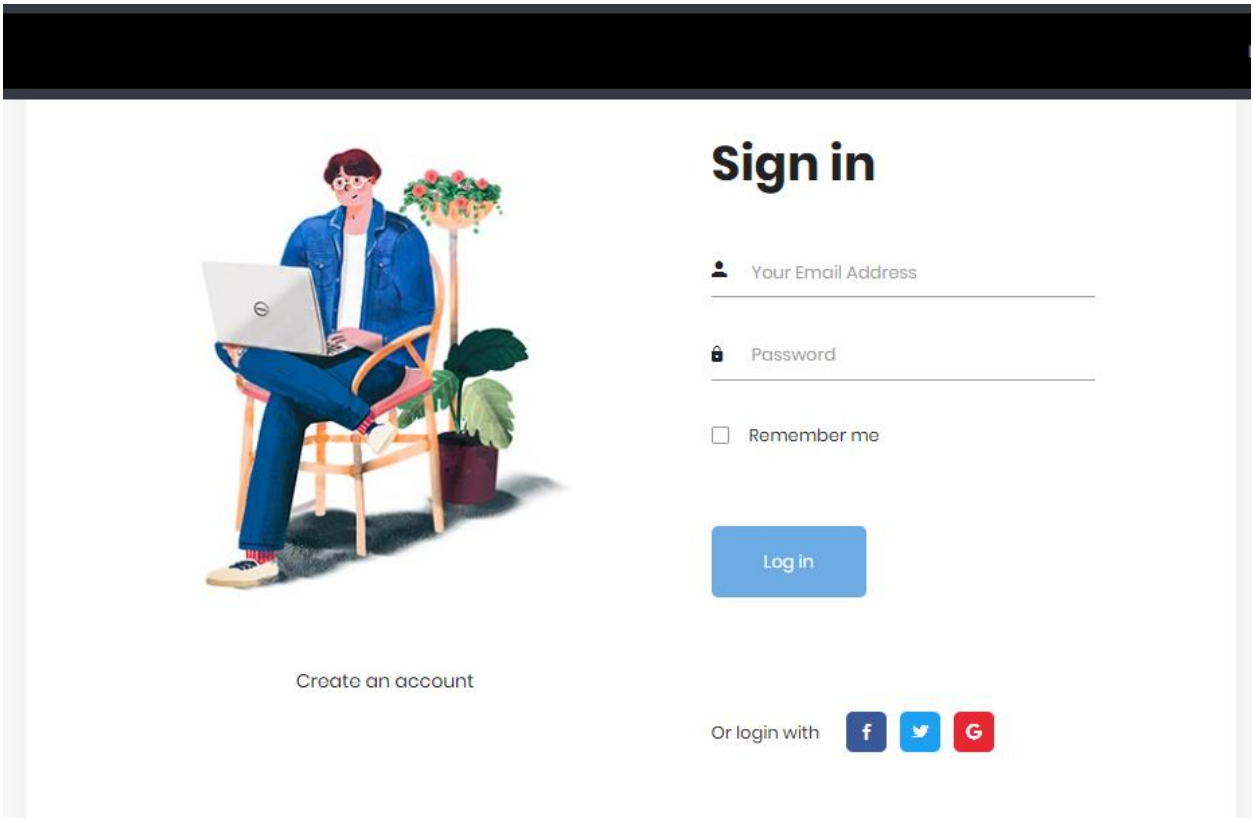


Fig-8 : Sign in

4.2 User Profile

User make payment course fee his/her profile to mobile banking. Update their profile information. Anytime changes their course subject . Real time communicate admin this panel. & course tutorial given their profile.

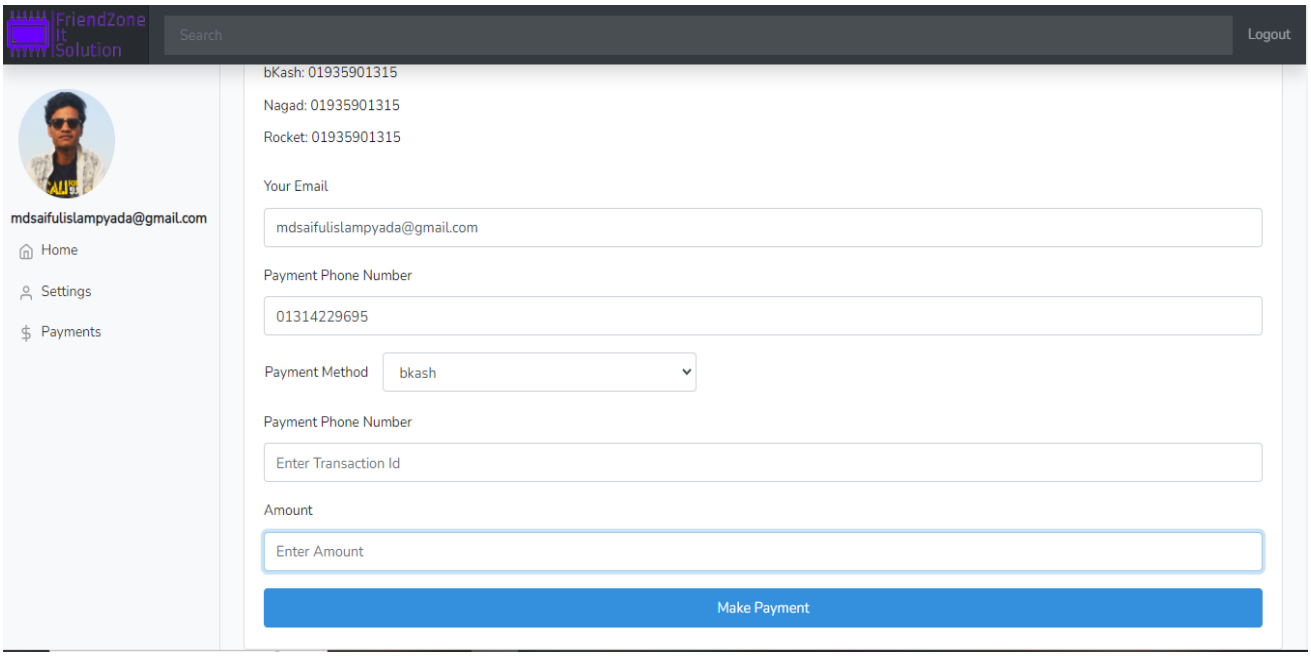


Fig-9 : User Profile

Make Payment: User make payment course fee his/her profile to mobile banking.

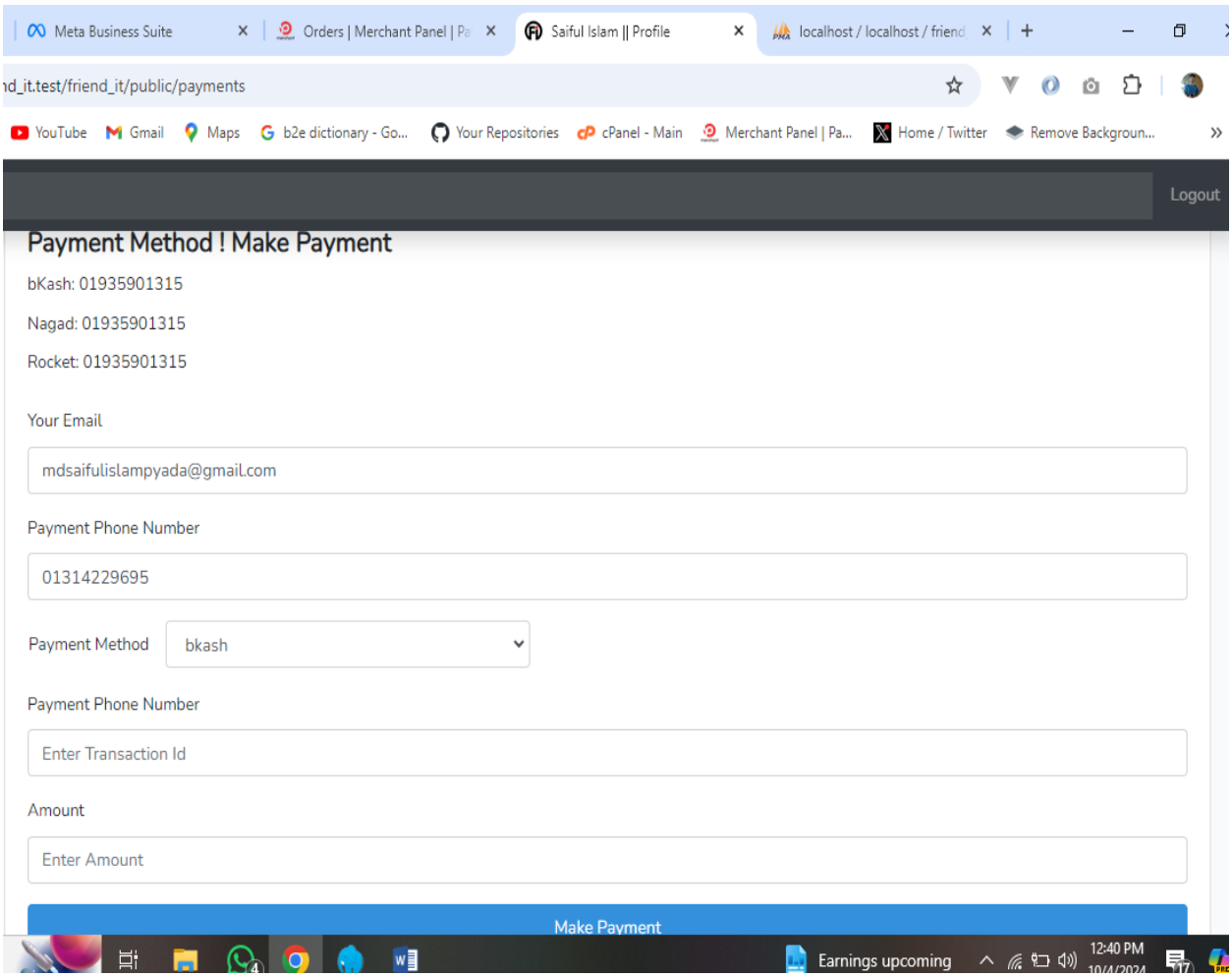


Fig-10: Make Payment

CHAPTER 4

DESCRIBE COURSE DETAILSE

4.1 Responsive Web Design

Course Calendar

Of course, every Course has its outline. So before we start the lessons, we're giving you the breakdown of the main modules and what you'll be getting out of it

Basic HTML CSS

- What is Web Design
- Web Site Structure
- Create a Table, html, css
- Assignment

PSD to Responsive Website

- What is PSD & UI
- Structure of PSD
- Cropping Image
- HTML Markup
- Assignment

PSD to Responsive Website

- Adding CSS, Font Awesome, Media Query
- CSS3 Animation, Hover Effect
- Assignment

PSD to Bootstrap

- Flexbox, Grid System
- Problem solving
- Assignment

Intro jQuery

- jQuery Project and Jquery UI
- Assignment

PSD to Bootstrap (Multipage Website)

- HTML Markup,CSS, jQuery Plugin, Media Query
- Problem Solving
- Assignment

Problem solving

- Final Project
- Presentation
- Extra Curriculum

E-commerce Website

- Install a WooCommerce Theme / Integrate WooCommerce Plugins
- Customize a Ecommerce Theme and make it works using Woocommerce theme/plugins
- Add Product Category, Sub Category, Product Filtering etc.
- Payment Gateway and shipping Method
- Assignment

Final Project

- Project Presentation
- Complete 5 Page Design + ECommerce
- Problem Solving Class

Freelancing

- Branding as a Freelancer

Marketplace

- Marketplace & profile(Fiverr)

Gig & Buyer Request

- Fiver GiG review and buyer request

Peopleperhour and upwork

- Marketplace and profile(peopleperhour and upwork)

Cover letters

- Cover letters and project managements

Cover letters & Bidding

- Cover letters and Bidding

Tips & Trics

- Freelancing Tips & Trcs

Interview

- Interview

4.2 Graphic Design

Course Calendar

Of course, every Course has its outline. So before we start the lessons, we're giving you the breakdown of the main modules and what you'll be getting out of it

How Design works?

- What is design?
- Why design is required?
- Why client will hire you or purchase your design?
- What is the future of design?
- Why we use Computer aided software for design?

Adobe Illustrator?

- What is Adobe Illustrator?
- What is Vector?
- What is pixel?
- What's the difference between pixel and image?
- Why we use Adobe Illustrator for Print Design?
- How to install Adobe Illustrator

How to work on Adobe Illustrator

- T-Shirt Design
- Basic Introduction to all the important tools and menu
- How to open a print ready document
- How to create an artboard
- What is margin and ruler
- How to export file in different format

Creating

- Vector icon
- Business card
- Brochure
- Flyer
- Banner
- Book

Adobe Photoshop?

- What is Adobe Photoshop?

- What is layer?
- What is pixel?
- Why we use Adobe Photoshop for Web User Interface design?
- Why Photoshop is so popular
- How to install Adobe Photoshop

How to work on Adobe Photoshop

- Basic introduction to all the important tools and menus
- Basic Image editing
- One Page web user interface design
- Multiple Page UI design
- How to create a web UI ready document
- Admin panel UI design
- Dashboard UI design
- Mockup design

Creating

- Wireframe Design
- Web User Interface Design
- UI design concept
- How to add UX in PSD template
- What is Grid?
- How to manage layer like a pro
- How to use font awesome cheatsheet icons

On Boarding Session

- Orientation Class

Freelancing

- Branding as a Freelancer

Freelancing Site Overview

- Fiverr
- Up-work
- People per hour
- Freelancer.com
- 99 Design
- Teespring

Marketplace

- Marketplace & profile(Fiverr)

Gig & Buyer Request

- Fiver GiG review and buyer request

Peopleperhour and upwork

- Marketplace and profile(peopleperhour and upwork)

Cover letters

- Cover letters and project managements

Cover letters & Bidding

- Cover letters and Bidding

Tips & Trics

- Freelancing Tips & Tircs

Interview

- Interview

4.3 Basic Computer Training

Course Calendar

Of course, every Course has its outline. So before we start the lessons, we're giving you the breakdown of the main modules and what you'll be getting out of it

Personalisation

- File create, Folder, Download, Save, Formatting
- Windows Explorer, File Installation, Control Panel

MS Word

- MS Word Introduction, Invoice Creation
- Letter Writing

MS Word

- CV/ Resume Creation, CV Creation Ettiquate, Tips & Tricks

MS Excel

- Function, Formatting, Calculation, Tools

MS Excel

- Budget Preparation, Employee Data Management

MS Excel

- Salary Sheet Creation, Graphical Presentation

PowerPoint

- Tools, Layout, Theme, Resource, Presenation Slide Creation

PowerPoint

- Template Redesign, Resource

PowerPoint

- Custom Design, Graphical Presentation Creation

Google Drive Function

- Docs, Sheets, Slides, Forms Creation, Calender, Photos, Maps

Internet Browsing & Email

- Google Chrome, Chrome Extension, Other Browser, Emailing and Ettiquete

Social Media

- Facebook page creation, group creation, event creation & Insights

Social Media

- LinkedIn Profile, Linkedin page, LinkedIn Group & Twitter Profile, Hashtag, Insights

Canva

- Introduction, Tools, Design a Poster

Presentation

- CV/ Invoice, Facebook, LinkedIn, Canva Poster

Review Class

- Whole Course Review

4.4 PSD to Bootstrap

Course Calendar

Of course, every Course has its outline. So before we start the lessons, we're giving you the breakdown of the main modules and what you'll be getting out of it

15 PSD are

- Bitcoin PSD to Bootstrap
- Entrepreneurship PSD to Bootstrap
- Technology PSD to Bootstrap
- Landing Page PSD to Bootstrap
- Portfolio PSD to Bootstrap
- Restaurant PSD to Bootstrap
- Real Estate PSD to Bootstrap
- Fashion / Lifestyle PSD to Bootstrap
- E-commerce / Online shop PSD to Bootstrap
- Non Profit Organization / Charity PSD to Bootstrap
- Corporate PSD to Bootstrap
- Blog Site PSD to Bootstrap
- Music PSD to Bootstrap
- Sports Website PSD to Bootstrap
- Hospital / Dental Website PSD to Bootstrap

Freelancing

- Branding as a Freelancer

Marketplace

- Marketplace & profile(Fiverr)

Gig & Buyer Request

- Fiver GiG review and buyer request

Interview

- Interview

4.5 Basic Computer & T-Shirt Design

Course Calendar

Of course, every Course has its outline. So before we start the lessons, we're giving you the breakdown of the main modules and what you'll be getting out of it

Personalisation

- File create, Folder, Download, Save, Formatting
- Windows Explorer, File Installation, Control Panel

MS Word

- MS Word Introduction, Invoice Creation
- Letter Writing

MS Word

- CV/ Resume Creation, CV Creation Ettiquate, Tips & Tricks

MS Excel

- Function, Formatting, Calculation, Tools

MS Excel

- Budget Preparation, Employee Data Management

MS Excel

- Salary Sheet Creation, Graphical Presentation

PowerPoint

- Tools, Layout, Theme, Resource, Presenation Slide Creation

PowerPoint

- Template Redesign, Resource

PowerPoint

- Custom Design, Graphical Presentation Creation

T-Shirt-Design

- Adobe Illustrator
- Adobe Photo-shop
- How TO Submit Design On Pee spring Market Place

Google Drive Function

- Docs, Sheets, Slides, Forms Creation, Calender, Photos, Maps

Internet Browsing & Email

- Google Chrome, Chrome Extension, Other Browser, Emailing and Ettiquete

Social Media

- Facebook page creation, group creation, event creation & Insights

Social Media

- LinkedIn Profile, Linkedin page, LinkedIn Group & Twitter Profile, Hashtag, Insights

Canva

- Introduction, Tools, Design a Poster

Presentation

- CV/ Invoice, Facebook, LinkedIn, Canva Poster

Review Class

- Whole Course Review

4.6 Web Design & Development

Course Calendar

Of course, every Course has its outline. So before we start the lessons, we're giving you the breakdown of the main modules and what you'll be getting out of it

On Boarding Session

- Orientation Class

HTML & CSS

- HTML introduction
- Basic HTML Tags
- Intro About CSS
- Integrate CSS in html
- Concept of HTML Block

HTML5 and CSS

- Introduction to HTML5 Tags
- HTML5 Media
- HTML APIs Intro
- CSS Elements & Attributes
- CSS Selectors
- CSS Box Model
- Assignment Submission

HTML5 and CSS, Web Page design

- Font style using CSS
- CSS Combinatory
- CSS Pseudo class
- Creating Navigation Bar Using CSS
- Creating Image Gallery using CSS
- CSS Media Type
- Assignment announce

CSS3

- CSS3 Intro
- CSS3 Intro
- CSS3 Transforms
- CSS3 Transforms
- CSS3 Animation
- Other CSS3 Effects
- Assignment Submission

- Final Full Project for Final Assesment - Announcement

PSD to HTML

- PSD to Image Cropping for html website design
- Content excluded which missed in Project based lecture
- CSS Flex Box Property

Problem Solving Session

- Problem Solving Session which has announced in previous class

FINAL ASSESSMENT TEST

- Final Full Project for Final Assesment - Submission

Bootstrap

- Bootstrap Intro
- Bootstrap Implementation or Installation
- Bootstrap Grid System
- Bootstrap CSS - Table, Form, Button, Image, Responsive Utilities
- Assignment announce

Bootstrap Grid and Components

- Use Media Query with Bootstrap - Mobile, Tablet, Desktop, Large Screen
- Bootstrap Components -Glyphicons, Dropdowns, Navbar, Breadcrumbs, Pagination, Labels

Bootstrap Components

- Bootstrap Components - Badges, Thumbnails, Progress bars, Media object, Responsive embed
- Customize Bootstrap Default Style - Normalizer
- Assignment submission
- New Project Announcement

Bootstrap with jQuery

- Bootstrap Javascript - Modals, ScrollSpy, Tabs, Tooltips, Alert, Buttons, Collapse , Carousel
- Assignment

Problem solving session and jQuery

- Problem Solving Session on Bootstrap
- jQuery Introduction, jQuery plugin
- How to use jQuery
- Discuss about popular jquery plugin
- Assignment

jQuery

- Discuss more about popular jquery plugin
- Complete jQuery Plugin Customization

FINAL ASSESSMENT TEST

- Final Full Project for Final Assesment - Submission

Ecommerce

- Install a WooCommerce Theme / Integrate WooCommerce Plugins
- Customize a Ecommerce Theme and make it works using Woocommerce theme/plugins
- Add Product Category, Sub Category, Product Filtering etc.
- Payment Gateway and shipping Method
- First Assignment Submission

Final Project

- Final Project Presentation with at least 2 Project Each [Complete 5 Page Design + ECommerce]

PHP

- PHP Intro

PHP Syntax

- XAMPP Installation
- PHP Syntax
- Datatype
- Variables

PHP Syntax

- Expression
- Conditional Statement

PHP

- Looping Statement
- Function
- Array

OOP

- OOP concepts
- Implement whole things with OOP

Mysql

- Introduction to Mysql Database
- Concept of Database Structure

SQL Intro

- Create Database
- Create Table
- Add Data
- Delete Data
- Update Data

SQL

- Use Condition In Sql
- Primary Key and Foreign Key Relationship

PHP & SQL

- HTML Form Data passing using PHP
- Data Passing Method
- Form Validation Using PHP

Session & Cookie

- Session & Cookie

Database connection

- Create Database Connection Using PHP
- Insert, Delete, Update Data Using PHP and SQL

project

- Create a project Using PHP and SQL

project

- Create a project Using PHP and SQL

project

- Create a project Using PHP and SQL

Page Creation

- Creating default templates index.php, style.css, header.php, footer.php, sidebar.php, single.php
- Understanding Wordpress Loop and implement it in index.php and single.php

Page Creation

- Creating default templates page.php, functions.php, archive.php, 404.php

Registering

- Registering and showing menu in header.php
- Registering and showing a widget in sidebar.php

Post Type

- Creating Custom Post Type
- Creating Custom Taxonomy for Custom Post Type
- Archive and single page for Custom Post Type

WP_Query

- Implementing pagination in archive page
- Filtering Posts with WP_Query

Laravel

- A Full E-Commerce Project By Laravel

Freelancing

- Branding as a Freelancer

marketplace

- Marketplace & profile(Fiverr)

Gig & Buyer Request

- Fiver GiG review and buyer request

peopleperhour and upwork

- Marketplace and profile(peopleperhour and upwork)

Cover letters

- Cover letters and project managements

Cover letters & Bidding

- Cover letters and Bidding

Tips & Trics

- Freelancing Tips & Trcs

Interview

- Interview

CHAPTER 5

DESCRIBE ADMIN PANEL

Admin Panel : Admin maintain all users , there course , course tutorials & payment system. . The course strives to really make the student understand the core concepts behind the world wide web(www) language. This course begins with the basic coding language of HTML & CSS. The next step contains the use of elements in HTML & CSS. At the end it moves on to use forms, media and HTML5 in the website. Starting from a Business card to a complete website requires Design and mockups. Both print materials and Web content have similar Demand in the current market. Our main focus is to show you how design works and make you able to earn money from marketplaces. Your passion and interest will let you achieve all the success.

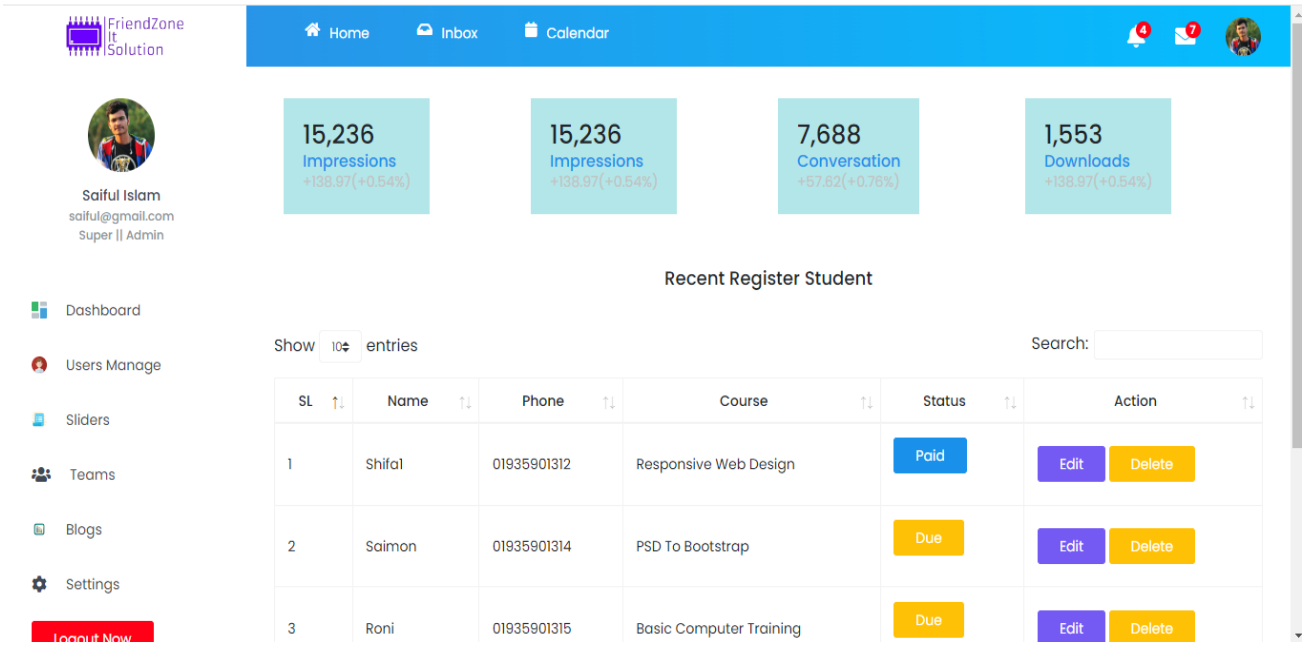


Fig-11: Admin Panel

You don’t have to have a Design background or you don’t need to be an artist either to take the course. All you need is courage and passion. We say it is computer age or technological age. Now we can do various tasks instantly through our mobile. The use of mobile phones has increased a lot in the last 7-8 years. Gmail, Facebook, Twitter, Instagram everything we use now on mobile. A question naturally comes to everyone's mind, is it possible to do freelancing through mobile? no not possible Because for this you need a computer, which will help you to complete the work with various software. We don't spend much time in front of computer now as we do all our common communication tasks through mobile. The course strives to really make the student understand the core concepts behind the world wide web(www) language. This course begins with the basic coding language of HTML, CSS & PHP.The next step contains the use of elements in HTML & CSS in real life project.

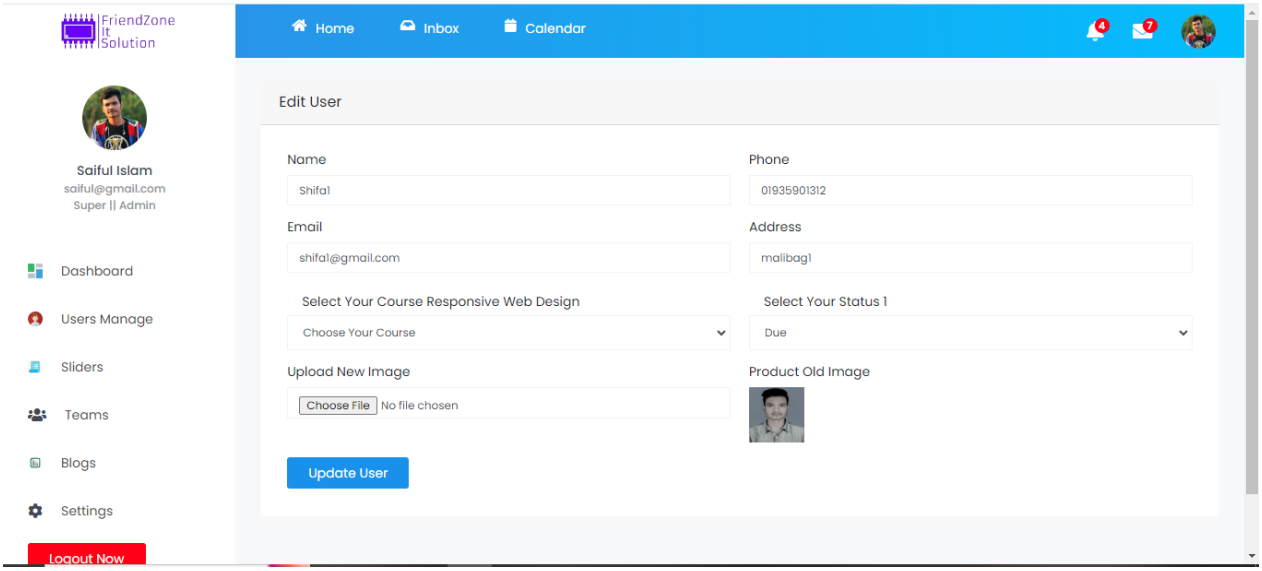


Fig-12: User Manage

Add New Slider : Add new model and migration. Next we editing our migration file database/migrations.create_sliders_table.php. Adding fillable columns to our model, Open Slider.php in app folder and add code below. Add new controller and make crud ready –resource Add routes, open web.php from routes folder and add code below Now open SliderController from app/http/controllers and make changes as below. Making views, go to resources/views make new folder name it sliders in that folder make 2 files and name them index.blade.php & create.blade.php. Index blade, add code below to your index.blade.php and save the file. Now go and visit your sliders index page your_local_domain/slides you'll see a link to adding new slide and nothing more. Don't worry we will back to this file later, now is time to handle our store function view and actually adding data to our. Creating blade, add code below to your create.blade.php and save the file. Now go ahead and click on that link in your index view, you'll redirect to create blade where you can add new slide to your database.

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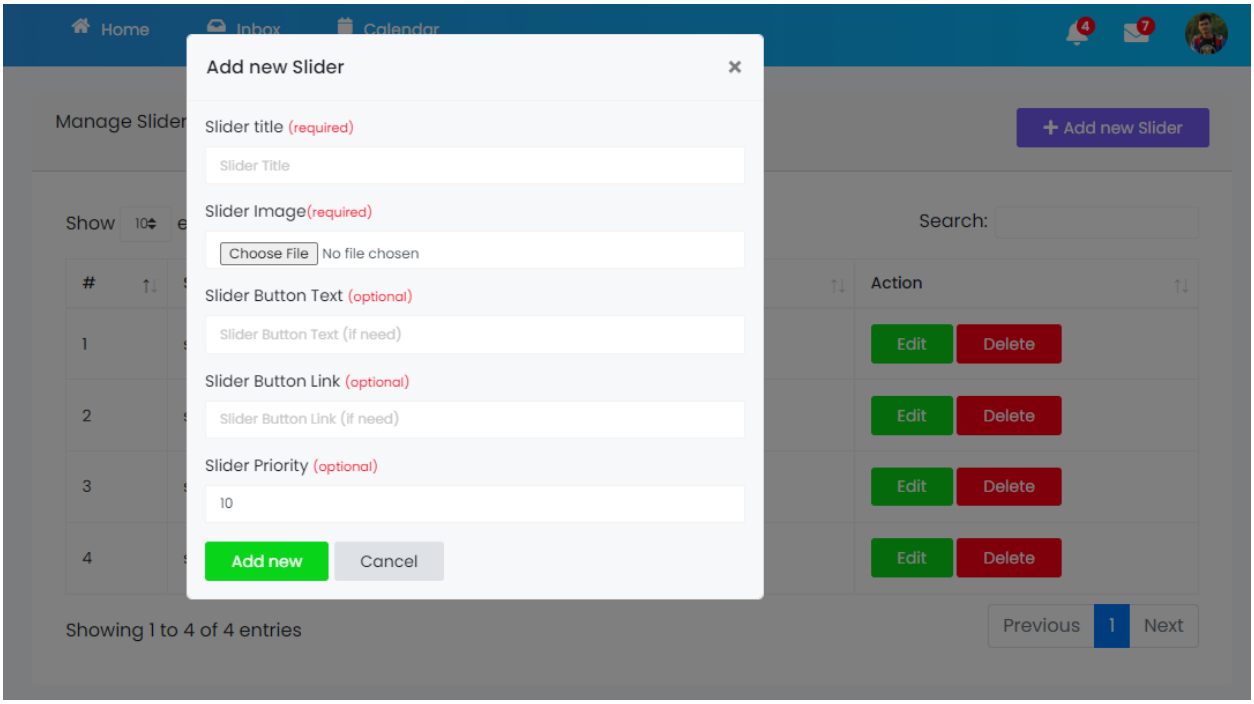


Fig-13: New Slider

Manage Team: Create a new database table, use the create method on the Schema facade. The create method accepts two arguments: the first is the name of the table, while the second is a Closure which receives a Blueprint object that may be used to define the new table: When creating the table, you may use any of the schema builder's column methods to define the table's columns. If you want to perform a schema operation on a database connection that is not your default connection, use the connection method: The table method on the Schema facade may be used to update existing tables. Like the create method, the table method accepts two arguments: the name of the table and a Closure that receives a Blueprint instance you may use to add columns to the table: A migration class contains two methods: up and down. The up method is used to add new tables, columns, or indexes to your database, while the down method should reverse the operations performed by the up method.

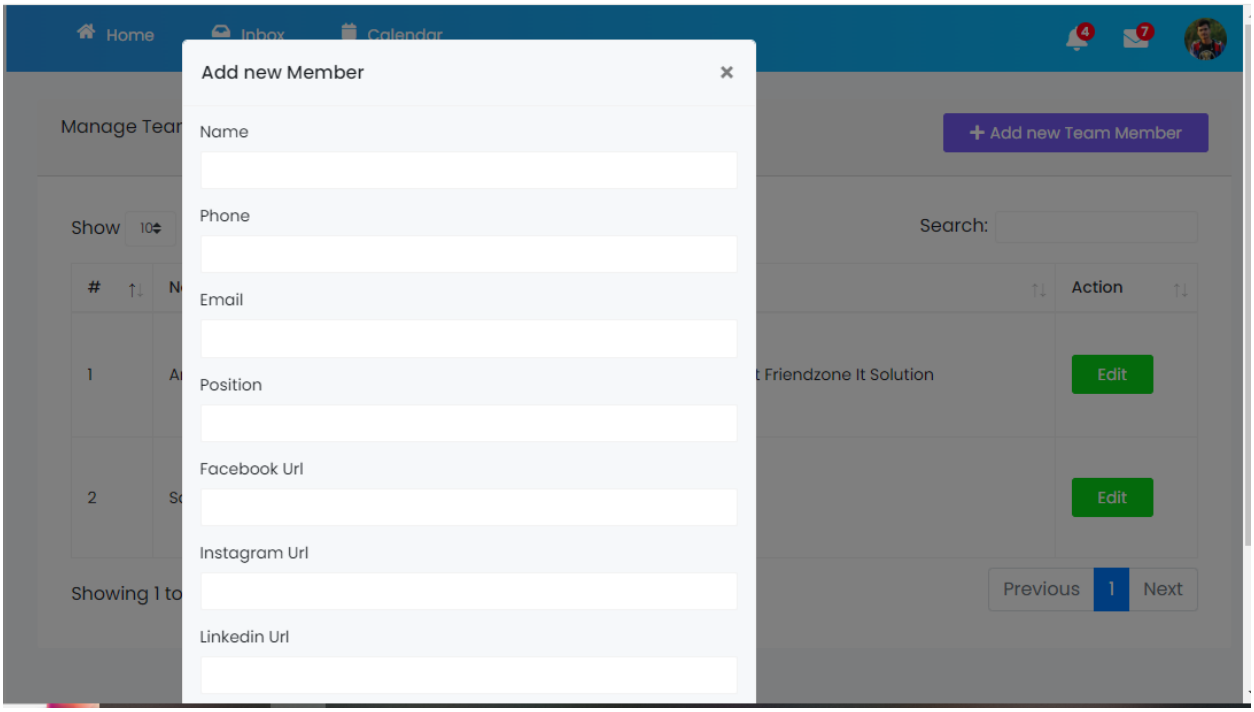


Fig-14: Manage Team

CHAPTER 6

CONCLUSION AND FUTURE WORKS

6.1 Conclusion

This Project we can learn how to get online education. Through online courses we can complete the courses of our choice at home. We don't have to take extra trouble with that. Online spending is comparatively less than offline spending in terms of money. If any problem is encountered while working, it can be solved by sending a message to the trainer at any time. So I think online ICT solutions are based.

6.2 Future Works

In an ever-evolving digital landscape, the demand for skilled IT professionals continues to rise. This online course is designed to equip you with the essential skills needed to thrive in the future of work. Through a blend of theoretical knowledge and practical applications, you will learn about emerging technologies, innovative problem-solving techniques, and effective collaboration in virtual environments. Explore key technologies such as artificial intelligence, machine learning, cloud computing, and cybersecurity, and understand their impact on business operations. Develop skills in data analysis and visualization to make informed decisions and drive business strategies. Amiliarize yourself with tools like Slack, Trello, and Microsoft Teams to enhance communication and teamwork in remote settings. Understand the principles of digital transformation and how organizations can adapt to changes in technology and customer expectations. Cultivate essential soft skills, such as adaptability, critical thinking, and emotional intelligence, to excel in diverse work environments.

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