

**INTERNSHIP ON
WEB DEVELOPMENT ON PHP WITH LARAVEL FRAMEWORK**

BY

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This Report Presented in Partial Fulfillment of the Requirements for the
Degree of Bachelor of Science in Computer Science and Engineering

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APPROVAL

This internship titled “Web Development on PHP with Laravel Framework”, submitted by **Md. Abul Bashar Khan, ID: 192-15-13165** and to the Department of Computer Science and Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 12 September 2022

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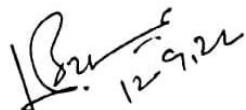
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DECLARATION

I hereby declare that, this internship has been done by me under the supervision of **Ms. Refath Ara Hossain, Lecturer, Department of CSE** Daffodil International University. I also declare that neither this internship nor any part of this internship has been submitted elsewhere for award of any degree or diploma.

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I would like to thank our entire course mate in Daffodil International University, who took part in this discuss while completing the course work.

Finally, we must acknowledge with due respect the constant support and patients of our parents.

ABSTRACT

The internship program gives a wonderful stage for interns to develop a strong basis to their profession, apprehended the place of work tradition, gain essential work-related revel in, develop relevant limits, and deal with the expense of the opportunity to find permanent employment inside the host business enterprise. So, I have completed my internship report on "Web Development on PHP with Laravel Framework". This report is a need of the internship application of my B.Sc. web development using PHP (Hypertext Preprocessor) Laravel framework. It's a server-viewpoint language that is used to make a static website into dynamic. The unique element of PHP is that the scripting code is applied inside the server, which produce through HTML it genuinely is sent to the customer. Customer take conveyance of the result of upholding the content plus, perceived any code. The builders could design the site server to process all the HTML documents. Moreover, PHP is a language that is straight forward for any beginner, moreover give much advanced programming highlight. Laravel is a web development framework that dependent absolutely upon PHP, which has imaginative, cleaned code. I guess improvement of any project should be a top-notch and remarkable finishing personal homepage. Laravel removes the stress from developer through improving typical obligations used inside the huge piece of web utility development. Laravel focuses to shape the occasion that was a totally fulfilled one for builders, other than compromise utility capability. A fulfilled builder makes the better code. PHP Laravel is a dreadful handier, powerful, convey dynamic equipment needed for enormous, tough challenge.

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CHAPTER 1

Introduction

1.1 Introduction

The internship program gives a wonderful stage for interns to develop a strong basis to their profession, apprehended the place of work tradition, gain essential work-related revel in, develop relevant limits, and deal with the expense of the opportunity to find permanent employment inside the host business enterprise. The student can learn about the administrative center culture and gain a fair arrangement of required work, and appreciation. Understudy can build areas of strength with motivation to help their calling. Make a web application about the Teacher and Student relationship. All along, I Design then, at that point, develop this site using PHP with Laravel Framework [2], which has wonderful structure, expressive, enjoyable development is that the fundamental objective of my internship program. To put into influence, a dynamic web software with laravel framework acknowledges approval techniques as extraordinary. The circumstance is organized exactly. Right when I use Laravel framework, it's significantly easier to execute web applications that aren't getting in the other PHP frameworks. It's a gigantic advanced capacity like checking live clients, smart setup plan, login system password generates, Cross-site request impersonation security and Encryption [3].

1.2 Motivation

I first started to learn web development for finding out of curiosity. Then I started to develop an e-commerce site with WordPress and realized that having a solid understanding of front-end and back-end development helped to customize my site and make it much better. So, I started to learn HTML and CSS. After that, I start to develop a passion for web development and I wanted to be a professional web developer. So, I started to learn the Laravel framework. Now, I prefer Laravel because it is a lot popular whether contrast with unique personal home page frameworks. Laravel is an open-source framework that lets any builders hurry up their net utility development with none developing venture overheads. This framework points over different frameworks within the categories of efficiency and scalability [3].

1.3 Internship Objectives

To uncover presented students to a particular interaction and a profession or endeavor. To offer students the amazing chance to develop skills in the subject of the leisure activity. To help students in acquiring basic job-related experience and build durable resumes for splendid career. To help students in developing commercial enterprise contacts and making local area contacts. To help, students likely land never-ending or authoritative positions from have undertakings. Laravel is an open-source net utility development program. Which is very strong and easy to grasp. The web application designed in this way is more planned, more coordinated and more practical [3].

1.4 Introduction to the Company

Uploadion Software Solution was born out of our desire to commend the web plans and deploy cutting-edge technologies to help brands build their web presence. They took initiative in 2018 and started offering Web Development Services. Over the years, they have created numerous websites, web applications, mobile applications along with digital marketing services for small and large businesses across industries and sectors. With their software development services, customer/buyer will surely empower his/her business. In this company, I have the opportunity to be an intern as a web (Laravel) developer [1].

1.4 Report Layout

There are 5 sections in my internship report. Section 1: Introduction, Motivations, Internship Objectives, Introductions to the Company, and Report Layout. Section 2: About Introduction to Uploadion Software Solution [1], Product and Market Situation, Target, and Organizational Structure. Section 3: Daily Task and Activities, Events and Activities, Project Task and Activities, and Challenges. Section 4: Competencies Ed Reflection and section 5: Scope for the Future Career.

CHAPTER 2

Organization

2.1 About the Company

Uploadion Software Solution was born out of our desire to commend the web plans and deploy cutting-edge technologies to help brands build their web presence. They took initiative in 2018 and started offering Web Development Services. Over the years, they have created numerous websites, web applications, mobile applications along with digital marketing services for small and large businesses across industries and sectors. Uploadion Software Solution – A high-tech innovative IT consulting & Software development power house in the road of Information Superhighway structuring international standardized Enterprise Resources Planning (ERP) & IT solutions. Uploadion Software Solution with its dedicated teams render high-quality IT solutions with professional management services of excellence, quality assurance & on time turnkey automation. At Uploadion, they develop innovative and creative products and services that provide total communication and information solutions. Among a plethora of services, web design and development, tailor made applications, e-commerce solutions, business-to-business applications, business-to-client applications are few that they offer. Satisfied clients around the globe bear testimony to the quality of our work. As a leader in technology exploring, Uploadion is committed to exporting quality software worldwide. The general purpose of Uploadion is to develop and promote advanced information technologies for multi-user operation. Uploadion's business philosophy is to assure the highest quality product, total client satisfaction, timely delivery of solutions and the best quality/price ratio found in the industry. Their emphasis is on offering a high degree of product user-friendliness through a positive, creative and focused company staff [1].

2.2 Product and Market Situation

PHP is the most used server-side programming language on the web [2]. 79.2% of all sites depend on PHP somewhat [2], making it one of the most famous languages among software programmers and web developers because of its inescapable use. Top industries that use PHP as a programming language are Marketing (54453) social media (33870) Digital Marketing (32970) [2]. PHP rendition 7.4 is the most utilized [2]. Presently, PHP's most recent adaptation is 8.1.2. Laravel [2][3]. As the measurement demonstrates, Laravel is the boss in commercial center offer rivalry, having 0.37% of the market [3]. It's far in the 19th role inside the framework class. There are 79% present-day sites made with Laravel, and the pattern is creating [3]. While discussing the commercial center rate, Laravel is an outright boss in all classifications like Alexa zenith 10K locales, Alexa top 100K destinations, Alexa apex 1M sites, and numerous others [3]. Regardless of Python having a sizeable standing among designers, Django remains losing its capability to Laravel [3].

2.3 Target of the Group

Uploadion Software Solution creates some expertise in its past information inside the Job commercial center, particularly, the latest patterns inside the gig region, productivity, mechanical advancement, and expectation for a present-day association. Uploadion Software Solution 's primary objective or target is to develop skills for an intern like me. Furthermore, from that point forward, they offer a job opportunity as a performance base. Simply reveal the primary goal of this group to make greater in its service [1].

2.4 SWOT Analysis

SWOT analysis is a strategic planning and strategic management technique used to help a person or organization identify Strengths, Weaknesses, Opportunities, and Threats related to business competition or project planning. It is sometimes called situational assessment or situational analysis [4]. The following figure 2.4.1 shows the SWOT Analysis.



Figure 2.4.1: SWOT Analysis

Strength:

- They are a very advanced IT technical talented company.
- They have the best design and advanced services with new technology.
- Better intern training service compare to other companies.
- Here other employees help out trainees' careers.

Weakness:

- Their business management team is a little bit harsh.
- Break time is just too much short.
- Every week have two meetings with all the interns which hampers the workflow.
- Sometimes their project deadline is very short.

Opportunities:

- Opportunities from emerging technologies and new carrier.
- Increase number of training area.
- They paid a good amount for the work
- Working with many best people of this field.

Threats:

- Managing websites very hard.
- Uncertain economic environment.
- Some websites have huge amount of data so those websites are need more time and man power to handle.

2.5 Organizational Structure

An organizational structure is a system that outlines how certain activities are directed in order to achieve the goals of an organization. These activities can include rules, roles, and responsibilities [5]. The following figure 2.5.1 shows the Organizational structures of Uploadion Software Solution.

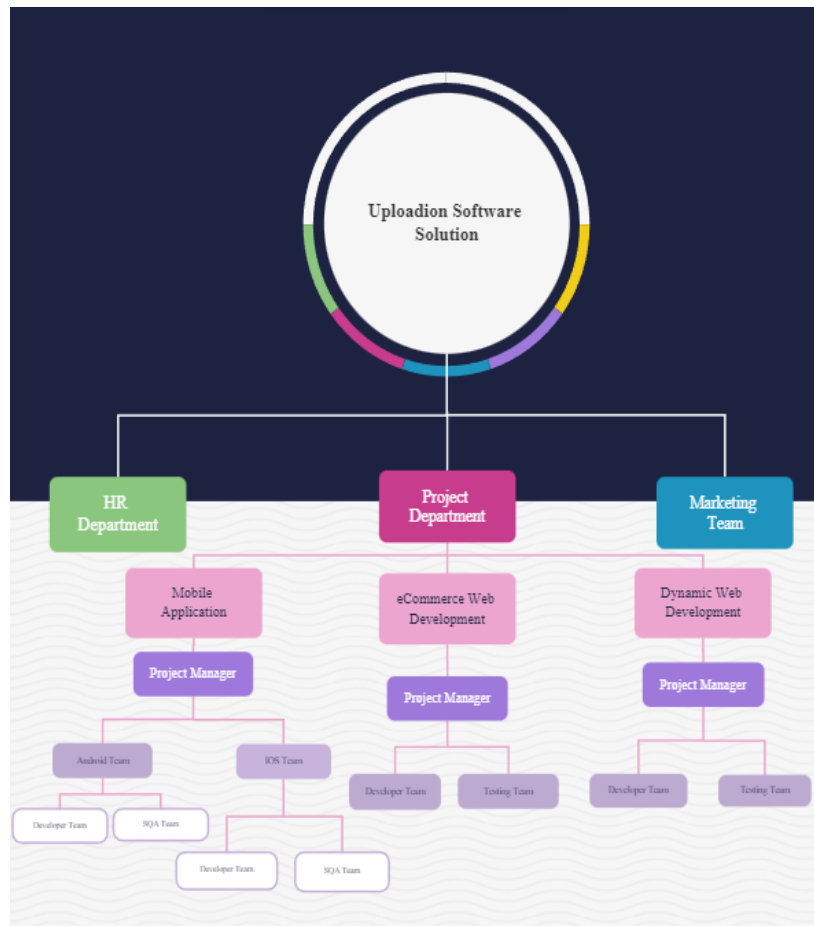


Figure 2.5.1: Organizational structures of Uploadion Software Solution

CHAPTER 3

Task, Projects and Activities

3.1 Daily Task and Activities

My internship starts at 08:00 AM (IST) to ends at 04:00 PM (IST) regularly five days per week. First, I talk with my team to see if there anything to do. If they tell me to do something to help them than I do that with high priority. After finish that initially I opened with the main web layout design with html 5, CSS 3, and bootstrap 4. After designing the layout, I created a responsive website using my basic knowledge about web design. Then I try to find an error and fix it. After completing the web structure, then I focus on the basic PHP. After learning the basic concept of PHP and the conditional statements, the actual implementation of the loop in PHP I created a basic blog site using only PHP. I have completed my PHP and learned about PHP targeted objects. Create an authentication site using PHP targeted object and manage websites using MySQL. When I was master on creating website with PHP, I started working on a PHP framework called Laravel. And finally, I got the opportunity to create a website using a Laravel. Everyday firstly I need to check whether my code is working or not. If it's not working then I need to find the cause of that problem and find a solution for that. If can't find a solution for my problem than I took a little help from my handler. After fixing it I had to try it on my own. And I also need to look after my database. That's how all the activities were done during my internship.

3.2 Events and Activities

These Internships assist with gaining the most recent innovation and dialects quickly. It is to help me to make the most insightful among IT occasion chiefs and different exercises with proper date. This learning movement assists me with working on my insight into genuine tasks and set me up for how to make a portfolio and begin once again. It was a difficult time for each venture that I could work on all through my review. These difficulties were following the cutoff time of the day, making uncommon tasks, and acquiring client fulfillment, which guarantees that I needn't bother with any more acclimation to my undertaking. Then, at that point, there are the astonishing seasons of working and learning in an optimal setting for a coordinated effort. It assisted me with fostering my insight, so I could do business as my boss in any sort of work and any organization in this field.

3.3 Project Task and Activities

The main focal point of this internship was to learn web application development with the PHP "Laravel" framework for my profession [3]. That is the reason I am learning E-Commerce, E-Learning frameworks.

Fully Responsive Web Design Using Bootstrap

Language Used:

- HTML5 and CSS3 and bootstrap framework for making the structure or Front - End and colorized the site.
- Bootstrap for making responsive.
- JavaScript for make design more interactive

The following figure 3.3.1: shows the Front-Page Responsive Web Design Using Bootstrap

Mini Blog

[Home](#) [Category](#) [Contact](#) [Login](#) [Register](#)

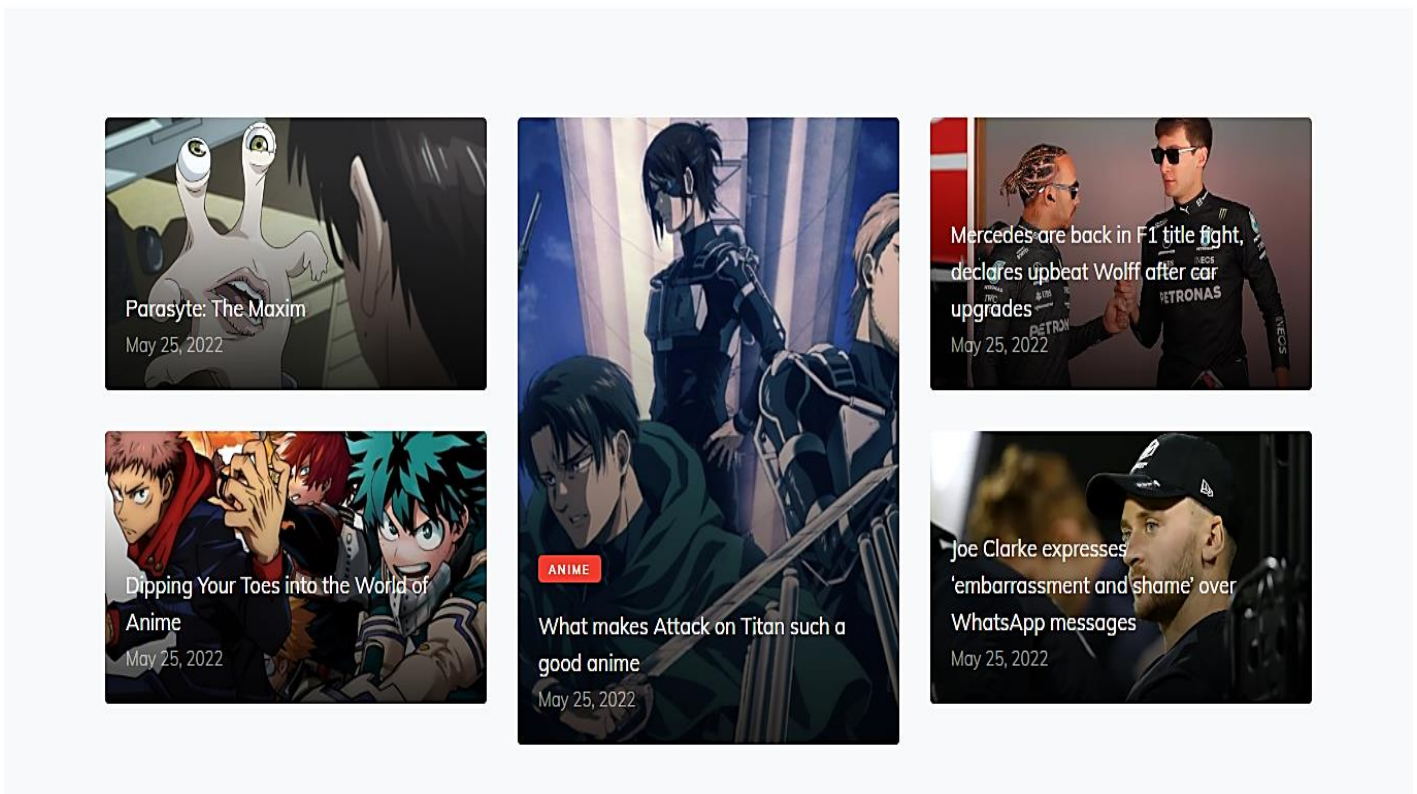


Figure 3.3.1: Front Page Responsive Web Design Using Bootstrap

Features of Design Page:

- Menu items.
- Menu for navigation.
- Cards for highlight news.
- Section for latest news.
- This website is responsive of any device.

The following figure 3.3.2: shows the Responsive View of Web Page Design Using Bootstrap.

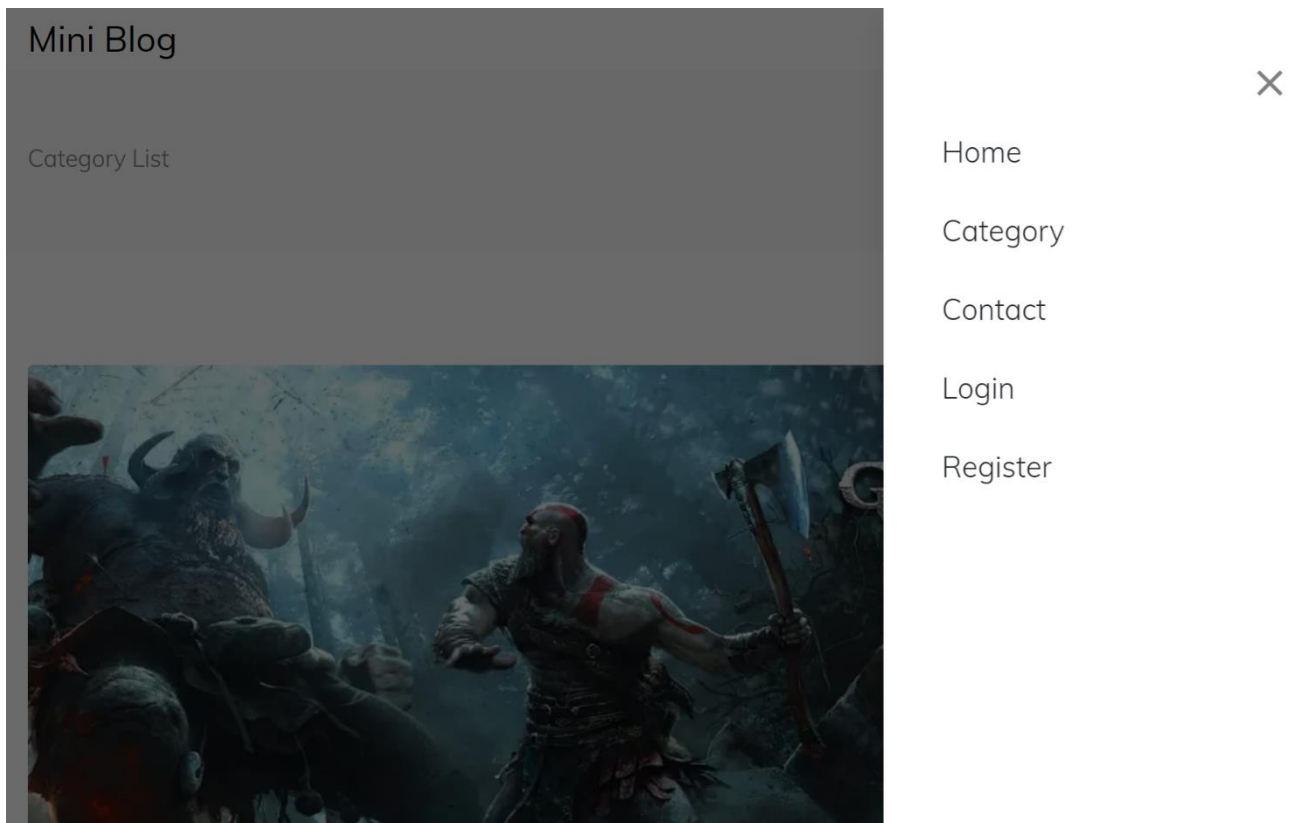


Figure 3.3.2: Responsive View of Web Page Design Using Bootstrap.

Blog Site Using PHP

Language Used:

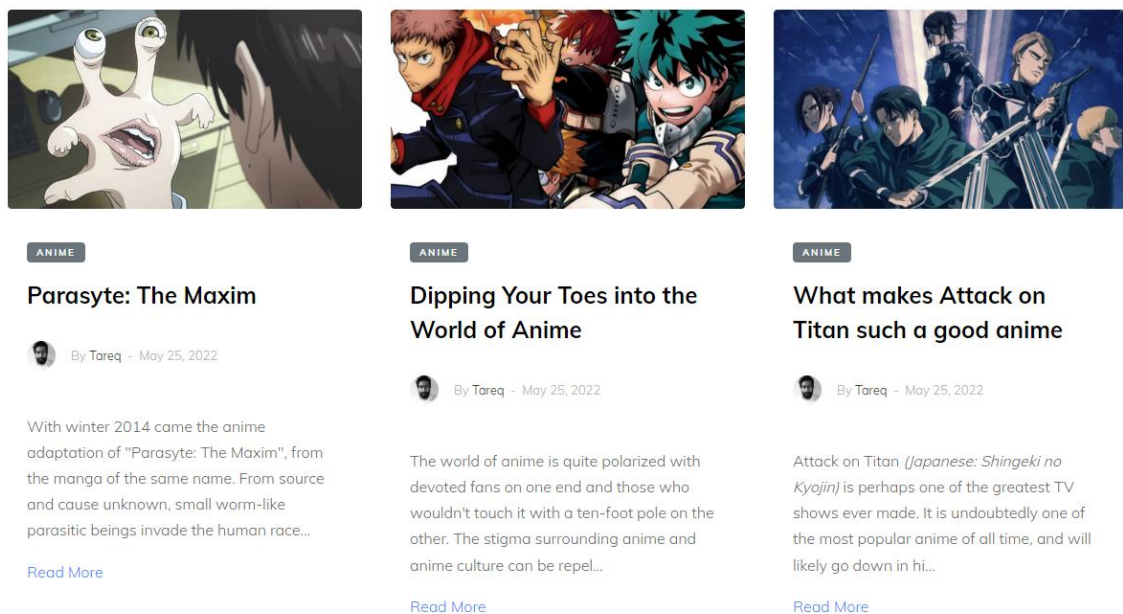
- HTML 5 and CSS 3 and Bootstrap for making the structure or Front End and colorful the site.
- Bootstrap for making responsive.
- JavaScript for make design more interactive.
- PHP with Laravel Framework for make website dynamic.

Features of Home Page:

- All menu items
- We can see all latest courses headline
- Section for latest news.
- Contact with admin for problem.

The following figure 3.3.3 shows the Home Page of the blog site.

Recent Posts



The figure shows three recent blog posts on the home page, each featuring an anime image, a title, a category tag, an author profile, a date, a short text snippet, and a 'Read More' link.

- Post 1:** Image of a white, worm-like creature with large eyes. Title: **Parasyte: The Maxim**. Category: ANIME. Author: By Tareq - May 25, 2022. Snippet: "With winter 2014 came the anime adaptation of 'Parasyte: The Maxim', from the manga of the same name. From source and cause unknown, small worm-like parasitic beings invade the human race..."
- Post 2:** Image of anime characters in action. Title: **Dipping Your Toes into the World of Anime**. Category: ANIME. Author: By Tareq - May 25, 2022. Snippet: "The world of anime is quite polarized with devoted fans on one end and those who wouldn't touch it with a ten-foot pole on the other. The stigma surrounding anime and anime culture can be repel..."
- Post 3:** Image of anime characters with swords. Title: **What makes Attack on Titan such a good anime**. Category: ANIME. Author: By Tareq - May 25, 2022. Snippet: "Attack on Titan (*Japanese: Shingeki no Kyojin*) is perhaps one of the greatest TV shows ever made. It is undoubtedly one of the most popular anime of all time, and will likely go down in hi..."

Figure 3.3.3: Home Page of the blog site.

Features of Add Post Page:

- Add new blog.
- Add with its title, category, image, author and body.

The following figure 3.3.4 shows the Add Post Page of the Blog Site.

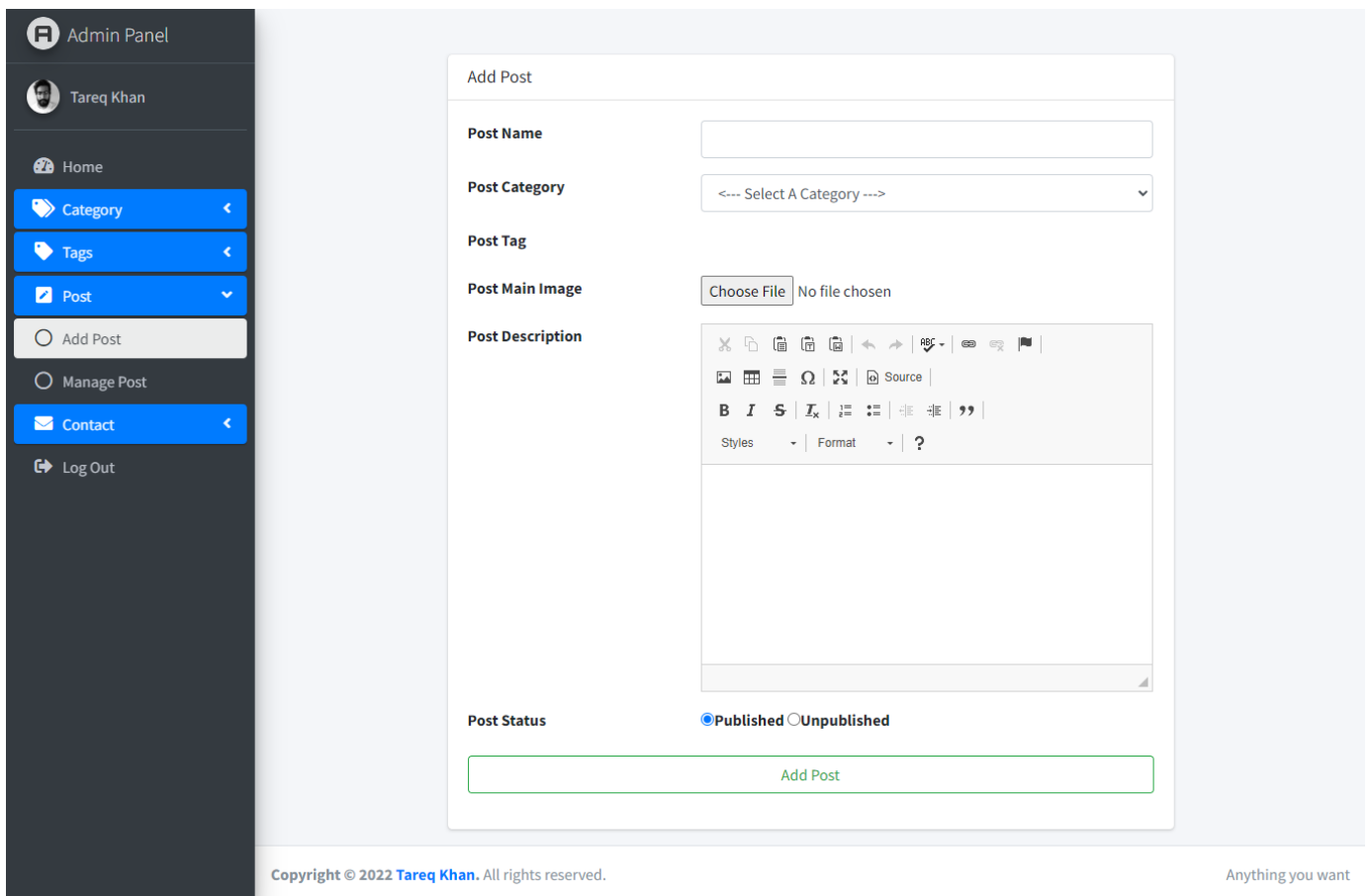
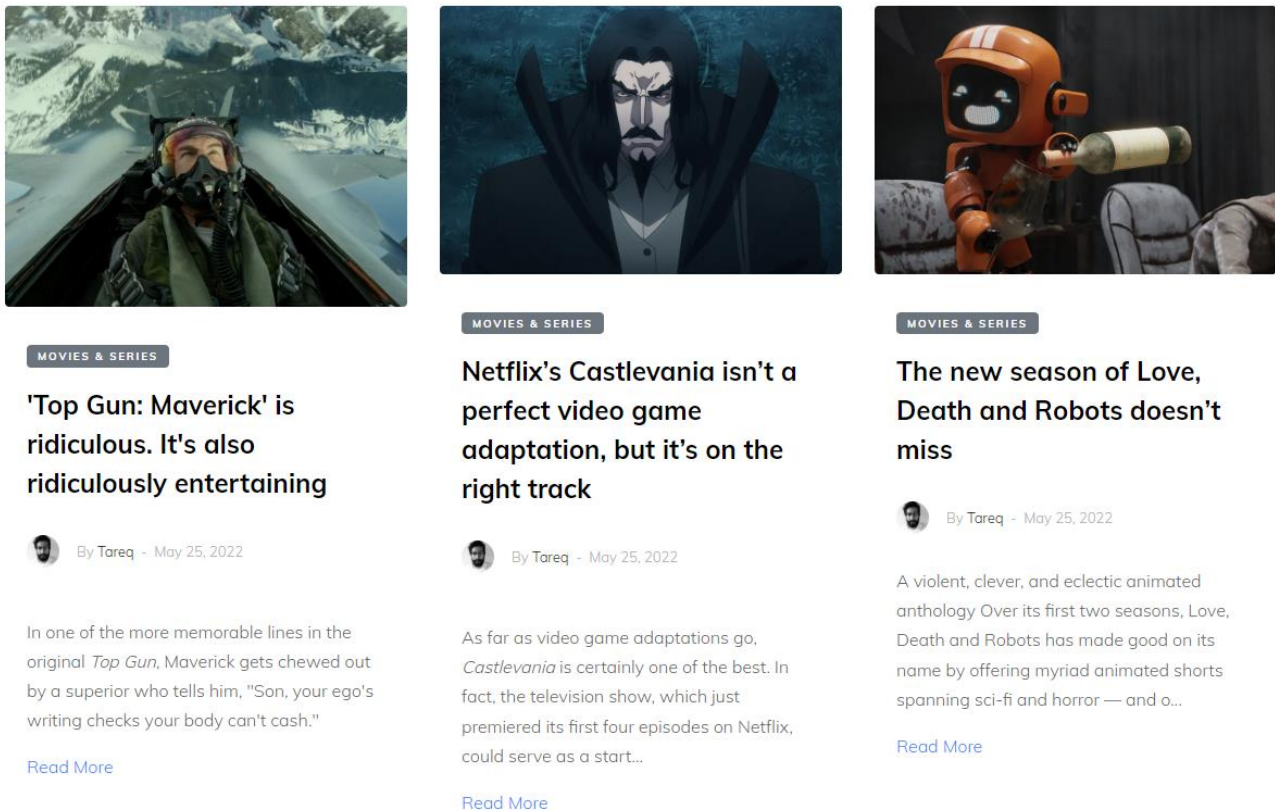


Figure 3.3.4: Add Post Page of the Blog Site.

Features of View Post Page:

- Can see any full blog from home page

The following figure 3.3.5 shows the View Post Page of the Blog Site.



The screenshot displays three article cards on a blog page. Each card features a prominent image at the top, a category label 'MOVIES & SERIES', a main title, a byline 'By Tareq - May 25, 2022', a short text preview, and a 'Read More' link.

- Card 1:** Image of a pilot in a cockpit. Title: **'Top Gun: Maverick' is ridiculous. It's also ridiculously entertaining**. Preview: "In one of the more memorable lines in the original *Top Gun*, Maverick gets chewed out by a superior who tells him, "Son, your ego's writing checks your body can't cash."
- Card 2:** Image of a character from Castlevania. Title: **Netflix's Castlevania isn't a perfect video game adaptation, but it's on the right track**. Preview: "As far as video game adaptations go, *Castlevania* is certainly one of the best. In fact, the television show, which just premiered its first four episodes on Netflix, could serve as a start..."
- Card 3:** Image of a robot from Love, Death and Robots. Title: **The new season of Love, Death and Robots doesn't miss**. Preview: "A violent, clever, and eclectic animated anthology Over its first two seasons, Love, Death and Robots has made good on its name by offering myriad animated shorts spanning sci-fi and horror — and o..."

Figure 3.3.5: View Post Page of the Blog Site.

Database for Blog Site

I am used Xampp and PHP mysql as a database. Name of my database for this blog site is “blog” and table of the database is “post”. The following table 3.3.1 shows the Database table for post and the following figure 3.3.6 shows the Database of the Blog Site.

Table 3.3.1: Database table for post

Name	Type	Default
id	bigint(20)	None
category_id	int(11)	None
title	varchar(255)	None
image	varchar(255)	Null
description	longtext	None
user_id	int(10)	None
status	tinyint(4)	1
created_at	timestamp	Null
updated_at	timestamp	Null
published_at	timestamp	Null

The screenshot shows the phpMyAdmin interface for the 'blog' database, displaying the 'posts' table. The table structure and data are as follows:

id	title	image	description	category_id	user_id	published_at	status	created_at	updated_at
1	The Evolution of God of War	assets/image/165349103060.webp	<p>God of War has always held a special p...	3	1	NULL	1	2022-05-25 15:03:50	2022-05-25 15:03:50
2	Apex Legends: Top 10 Tips Every New Blood Should K...	assets/image/1653493233320.webp	<p>No genre in the video gaming industry is more s...	3	1	2022-05-25 15:40:33	1	2022-05-25 15:40:33	2022-05-25 15:40:33
3	Call of Duty WW2 Review Blandest Hour	assets/image/1653493701941.webp	<p>Call of Duty started by dramatiz...	3	1	2022-05-25 15:48:21	1	2022-05-25 15:48:21	2022-05-25 15:48:21
4	The new season of Love, Death and Robots doesn't m...	assets/image/1653494019155.webp	A violent, clever, and eclectic animated anthology...	5	1	2022-05-25 15:53:39	1	2022-05-25 15:53:39	2022-05-25 15:53:39
5	Netflix's Castlevania isn't a perfect video game a...	assets/image/1653494237980.webp	<p>As far as video game adaptations go, Castle...	5	1	2022-05-25 15:57:17	1	2022-05-25 15:57:17	2022-05-25 15:57:17
6	Top Gun: Maverick' is rivetious. Ifc	assets/image/1653494516666.webp	<p>In one of the more memorable lines in the movi...	5	1	2022-05-25 16:01:56	1	2022-05-25 16:01:56	2022-05-25 16:01:56

Figure 3.3.6: Database of the Blog Site.

Authentication Web Site Using PHP-Object-oriented programming (OOP)

This is one my learning project for create any web site authentication process. This project help me to learn web site log-in, register and user authentication.

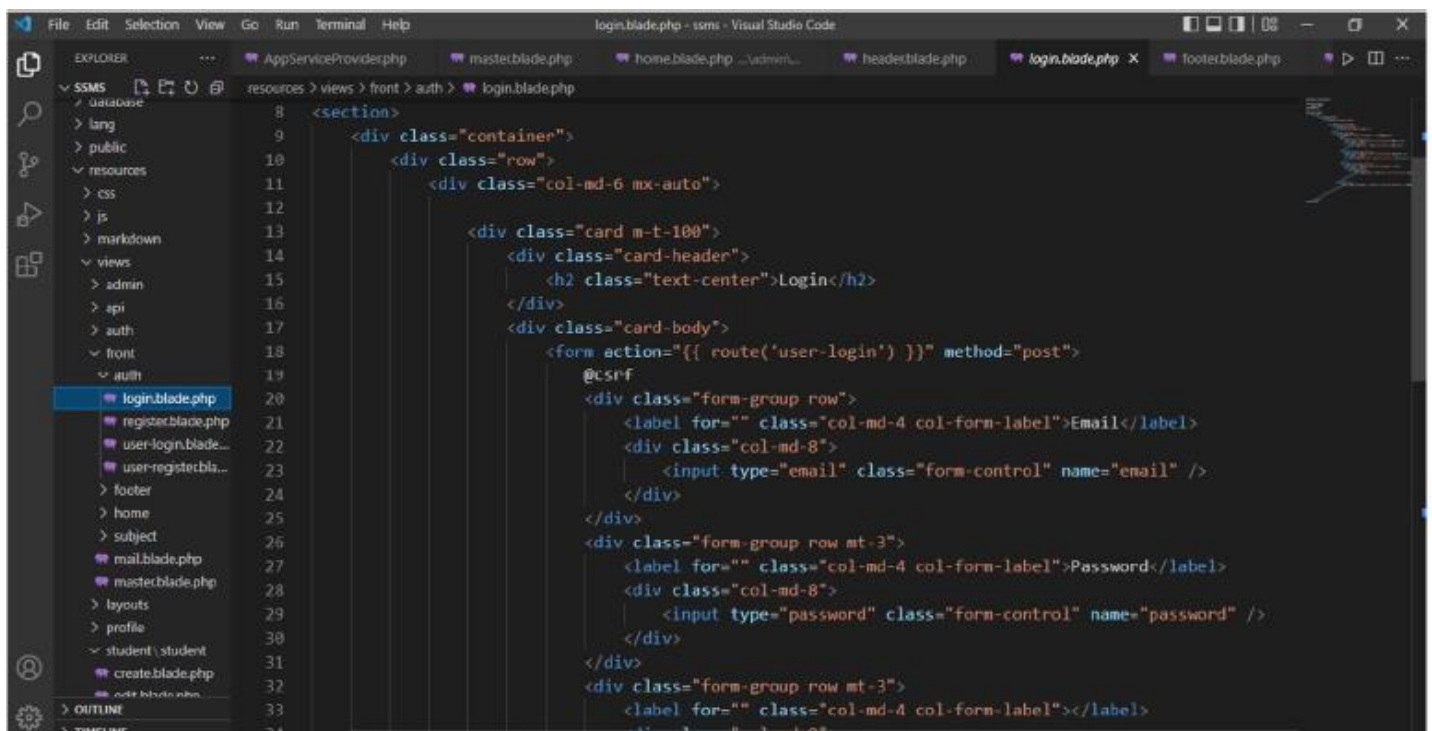
Language Used:

- HTML 5 and CSS 3 for creating the structure or Front End and colorful website.
- Bootstrap for making responsive.
- JavaScript for make design more interactive.
- PHP with OOP concept

Features of User Login Page:

- User can Login with his valid email, password.
- If user is new user can go to register page from this page.

The following figure 3.3.7 shows the Source Code of the student Login Page and the following figure 3.3.8 shows the User Login Page.



```
8 <section>
9 <div class="container">
10 <div class="row">
11 <div class="col-md-6 mx-auto">
12
13 <div class="card m-t-100">
14 <div class="card-header">
15 <h2 class="text-center">Login</h2>
16 </div>
17 <div class="card-body">
18 <form action="{{ route('user-login') }}" method="post">
19 @csrf
20 <div class="form-group row">
21 <label for="" class="col-md-4 col-form-label">Email</label>
22 <div class="col-md-8">
23 <input type="email" class="form-control" name="email" />
24 </div>
25 </div>
26 <div class="form-group row mt-3">
27 <label for="" class="col-md-4 col-form-label">Password</label>
28 <div class="col-md-8">
29 <input type="password" class="form-control" name="password" />
30 </div>
31 </div>
32 <div class="form-group row mt-3">
33 <label for="" class="col-md-4 col-form-label"></label>
34 <div class="col-md-8">
```

Figure 3.3.7: Source Code of the student Login Page.

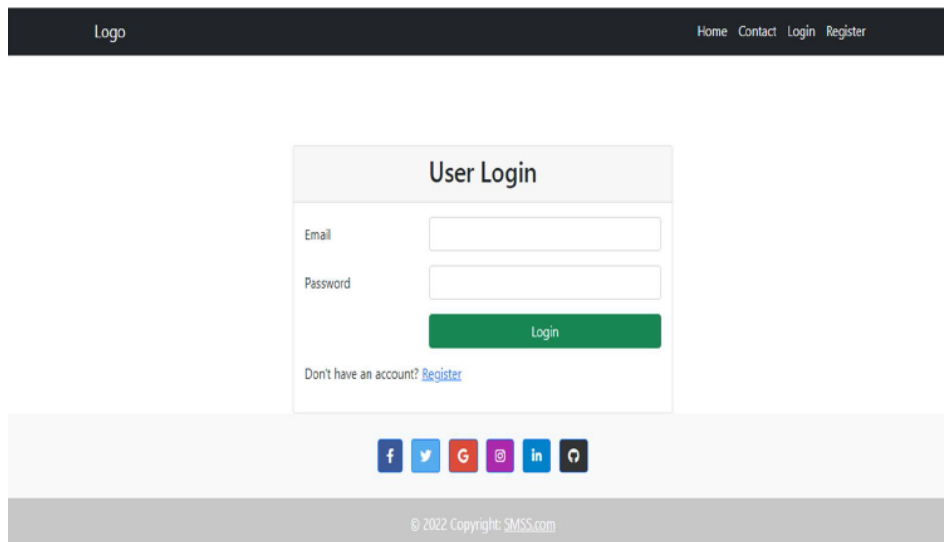


Figure 3.3.8: User Login Page.

Features of User Register Page:

- User can register himself with valid info.
- User cannot be register himself same info twice.

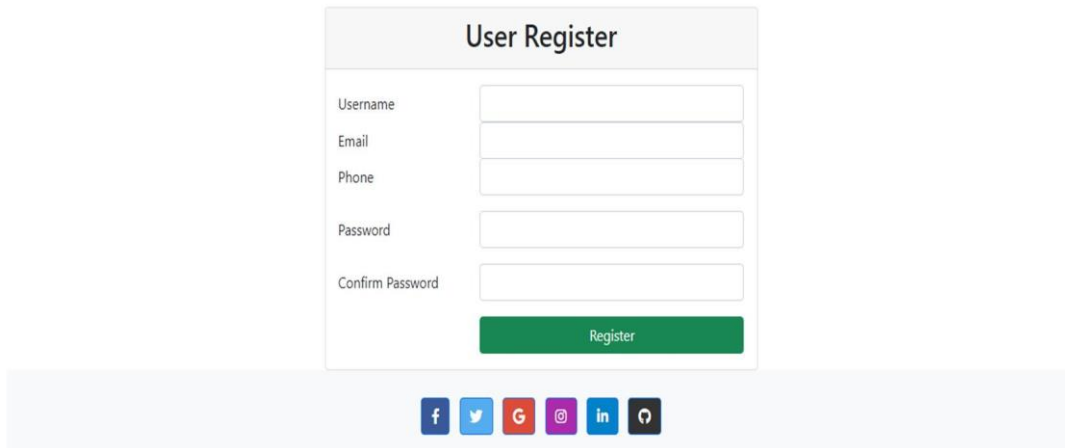
The following figure 3.3.9 we can see the Source Code of the User Register Page and the following figure 3.3.10 we can the User Register Page.

```

EXPLORER  ... AppServiceProvider.php  master.blade.php  home.blade.php ...admin...  headexblade.php  user-registerblade.php  footer.blade.php
resources > views > front > auth > user-registerblade.php
  > database  8
  > lang  9
  > public  10
  > resources  11
  > css  12
  > js  13
  > markdown  14
  > views  15
  > admin  16
  > api  17
  > front  18
  > auth  19
  > login.blade.php  20
  > register.blade.php  21
  > user-login.blade.php  22
  > user-registerblade.php  23
  > footer  24
  > home  25
  > subject  26
  > mail.blade.php  27
  > master.blade.php  28
  > layouts  29
  > profile  30
  > student \ student  31
  > create.blade.php  32
  > OUTLINE  33
  > ...
  <section>
    <div class="container">
      <div class="row">
        <div class="col-md-6 mx-auto">
          <div class="card m-t-100">
            <div class="card-header">
              <h2 class="text-center">User Register</h2>
            </div>
            <div class="card-body">
              <form action="{{ route('user-post-register') }}" method="post">
                @csrf
                <div class="form-group row">
                  <label for="" class="col-md-4 col-form-label">Username</label>
                  <div class="col-md-8">
                    <input type="text" class="form-control" name="name" />
                  </div>
                </div>
                <div class="form-group row">
                  <label for="" class="col-md-4 col-form-label">Email</label>
                  <div class="col-md-8">
                    <input type="email" class="form-control" name="email" />
                  </div>
                </div>
                <div class="form-group row">
                  <label for="" class="col-md-4 col-form-label">Phone</label>

```

Figure 3.3.9: Source Code of the User Register Page



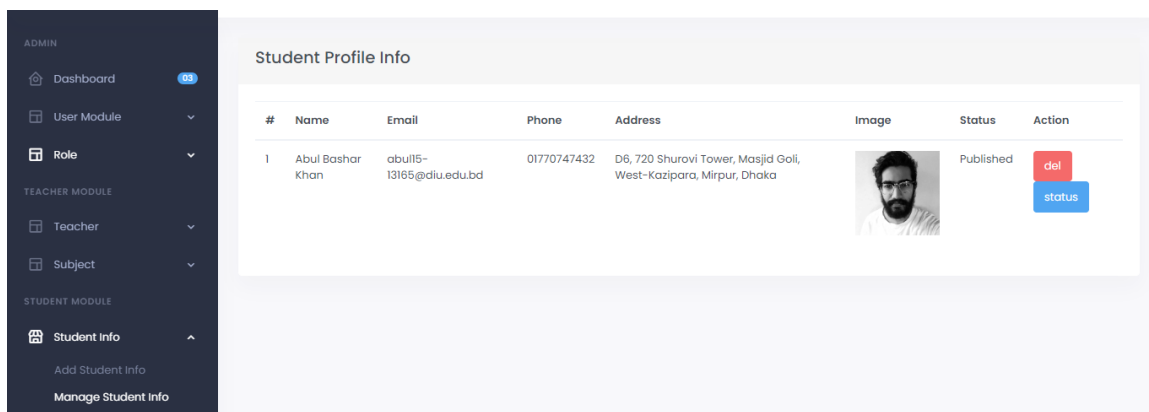
The image shows a 'User Register' form with the following fields: Username, Email, Phone, Password, and Confirm Password. A green 'Register' button is located at the bottom of the form. Below the form, there are social media icons for Facebook, Twitter, Google+, Instagram, LinkedIn, and YouTube.

Figure 3.3.10: User Register Page.

Features of User Authentication Home Page:

- When user login with his valid info user moves into home page.
- Admin can see her info using Student Info category menu.
- Admin can delete user and change status.

The following figure 3.3.11 shows the List of Users Home Page.



The image shows a 'Student Profile Info' page with a table listing user information. The table has columns for #, Name, Email, Phone, Address, Image, Status, and Action. The first row shows a user named Abul Bashar Khan with a 'Published' status and 'del' and 'status' buttons in the Action column.


#	Name	Email	Phone	Address	Image	Status	Action
1	Abul Bashar Khan	abul15-13165@diu.edu.bd	01770747432	D6, 720 Shurovi Tower, Masjid Goli, West-Kazipara, Mirpur, Dhaka		Published	del status

Figure 3.3.11: List of Users Home Page.

Features of User Profile Page:

- User can see user information.
- User can update user basic information

The following figure 3.3.12 we can see the Source Code of the User Profile Page and the following figure 3.3.13 we can see User Profile Page.

```
resources > views > admin > user > edit.blade.php
> .idea 7 @section('body')
> app 8 <div class="container">
> bootstrap 9 <div class="row">
> config 10 <div class="col-md-6 mx-auto">
> database 11 <div class="card">
> lang 12 <div class="card-header">
> public 13 <h4>Edit User</h4>
> resources 14 </div>
> css 15 <div class="card-body">
> js 16 @if($errors->any())
> markdown 17 <ul>
> views 18 @foreach($errors->all() as $key => $error)
> admin 19 <li class="text-danger">{{ $error }}</li>
> enroll 20 @endforeach
> home 21 </ul>
> includes 22 @endif
> role 23 <form action="{{ route('update-user', ['id' => $user->id]) }}" method="post">
> subject 24 @csrf
> user 25 <div class="form-group row">
> create.blade.php 26 <label for="" class="col-md-4 col-form-label">User Name</label>
> edit.blade.php 27 <div class="col-md-8">
> manage.blade.p... 28 <input type="text" value="{{ $user->name }}" class="form-control">
> masterblade.php 29 </div>
> api 30 <div class="form-group row mt-3">
> auth 31 <label for="" class="col-md-4 col-form-label">User Email</label>
OUTLINE 32
TIMELINE 33 <div class="col-md-8">
34 <input type="email" value="{{ $user->email }}" class="form-contro
35 </div>
36 </div>
37 <div class="form-group row mt-3">
38 <label for="" class="col-md-4 col-form-label">User Role</label>
39 <div class="col-md-8">
40 <label for=""><input type="radio" class="" {{ $user->role == 'tea
41 <label for=""><input type="radio" class="" {{ $user->role == 'use
42 </div>
43 </div>
44 <div class="form-group row mt-3">
45 <label for="" class="col-md-4 col-form-label"></label>
46 <div class="col-md-8">
47 <div class="d-grid">
48 <input type="submit" class="btn col-12 btn-success" value="Up
49 </div>
50 </div>
51 </div>
52 </form>
53 </div>
54 </div>
55 </div>
56 </div>
57 @endsection
58
```

Figure 3.3.12: Source Code of the User Profile Page.

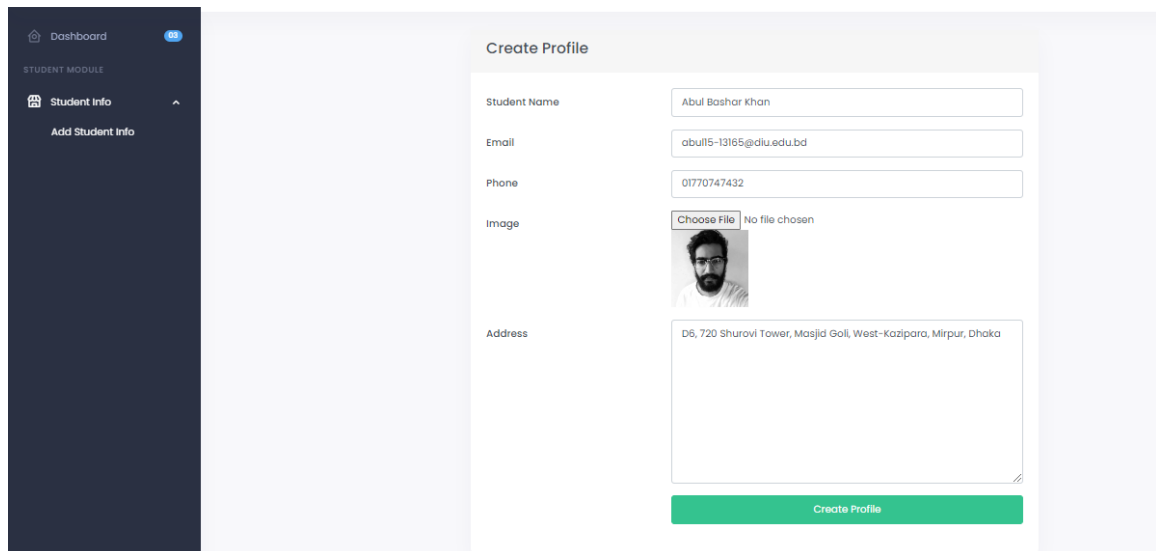


Figure 3.3.13: User Profile Page.

Database for Authentication Web Site

I am used xampp and PHP mysql as a database. Name of my database for this SSMS is “db_login” and table of the database is “table_users”. The following table 3.3.2 we can see the Database table for table_users.

Table 3.3.2: Database table for table_users

Name	Type	Default
id	bigint(20)	None
name	varchar(255)	None
email	varchar(255)	None
email_verified_at	timestamp	Null
password	varchar(255)	None
role	varchar(255)	user
remember_token	varchar(100)	Null
profile_photo_path	varchar(2048)	Null
created_at	timestamp	Null
update_at	timestamp	Null

The following figure 3.3.14 shows the Database of User Authentication Web Page.

The screenshot displays the phpMyAdmin interface for the 'users' table. The table structure is as follows:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	bigint(20)		UNSIGNED	No	None		AUTO_INCREMENT	Change Drop More
2	name	varchar(255)	utf8mb4_unicode_ci		No	None			Change Drop More
3	email	varchar(255)	utf8mb4_unicode_ci		No	None			Change Drop More
4	email_verified_at	timestamp			Yes	NULL			Change Drop More
5	password	varchar(255)	utf8mb4_unicode_ci		No	None			Change Drop More
6	two_factor_secret	text	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
7	two_factor_recovery_codes	text	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
8	role	varchar(255)	utf8mb4_unicode_ci		No	user			Change Drop More
9	remember_token	varchar(100)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
10	current_team_id	bigint(20)		UNSIGNED	Yes	NULL			Change Drop More
11	profile_photo_path	varchar(2048)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
12	created_at	timestamp			Yes	NULL			Change Drop More
13	updated_at	timestamp			Yes	NULL			Change Drop More

Below the table structure, there are options to 'Check all', 'With selected', 'Browse', 'Change', 'Drop', 'Primary', 'Unique', 'Index', 'Spatial', and 'Fulltext'. At the bottom, there are buttons for 'Propose table structure', 'Move columns', and 'Normalize'.

Figure 3.3.14: Database of User Authentication Web Page.

Features of Teacher Authentication Home Page:

- When Teacher login with his valid info user move into home page.
- Teacher can see her info using Teacher sub menu.
- Teacher can create subject and manage subject.

The following figure 3.3.15 we can see Teacher Create Subject Page.

The screenshot displays the 'Create Subject' page. On the left is a dark sidebar with a navigation menu. Under 'ADMIN', there are 'Dashboard' (with a notification badge '03'), 'User Module', and 'Role'. Under 'TEACHER MODULE', there are 'Teacher' and 'Subject' (which is expanded to show 'Create Subject' and 'Manage Subject'). Under 'STUDENT MODULE', there is 'Student Info'. The main content area is titled 'Create Subject' and contains the following form elements: 'Subject Title' (text input), 'Fee' (text input), 'Featured Image' (with a 'Choose File' button and 'No file chosen' text), 'Short Description' (text area), and 'Long Description' (rich text editor with a toolbar containing icons for bold, italic, strikethrough, link, unlink, list, and quote, along with 'Styles' and 'Format' dropdowns). A green 'Create Subject' button is located at the bottom right of the form area.

Figure 3.3.15: Teacher Create Subject Page.

Simple Student Management System Using PHP Laravel

Framework Language Used:

- HTML and CCS and JavaScript making website.
- Bootstrap for making responsive.
- JavaScript for make design more interactive.
- PHP Laravel framework for make website dynamic.

Features of Home Page:

- All menu items.

The following figure 3.3.16 showing the Simple Student Management System Home page.

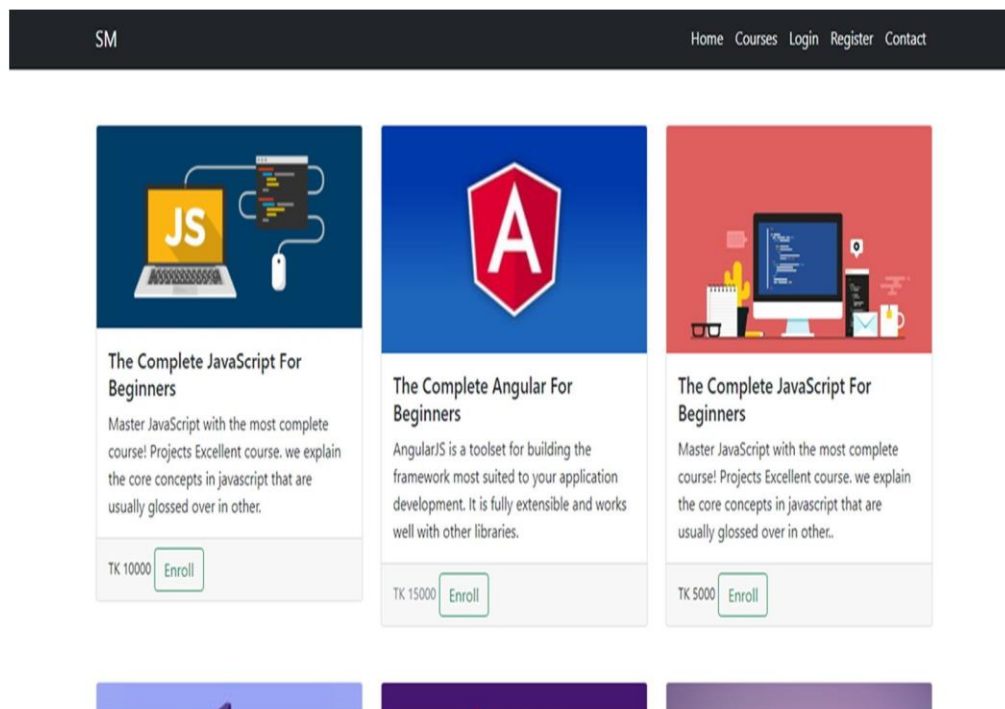
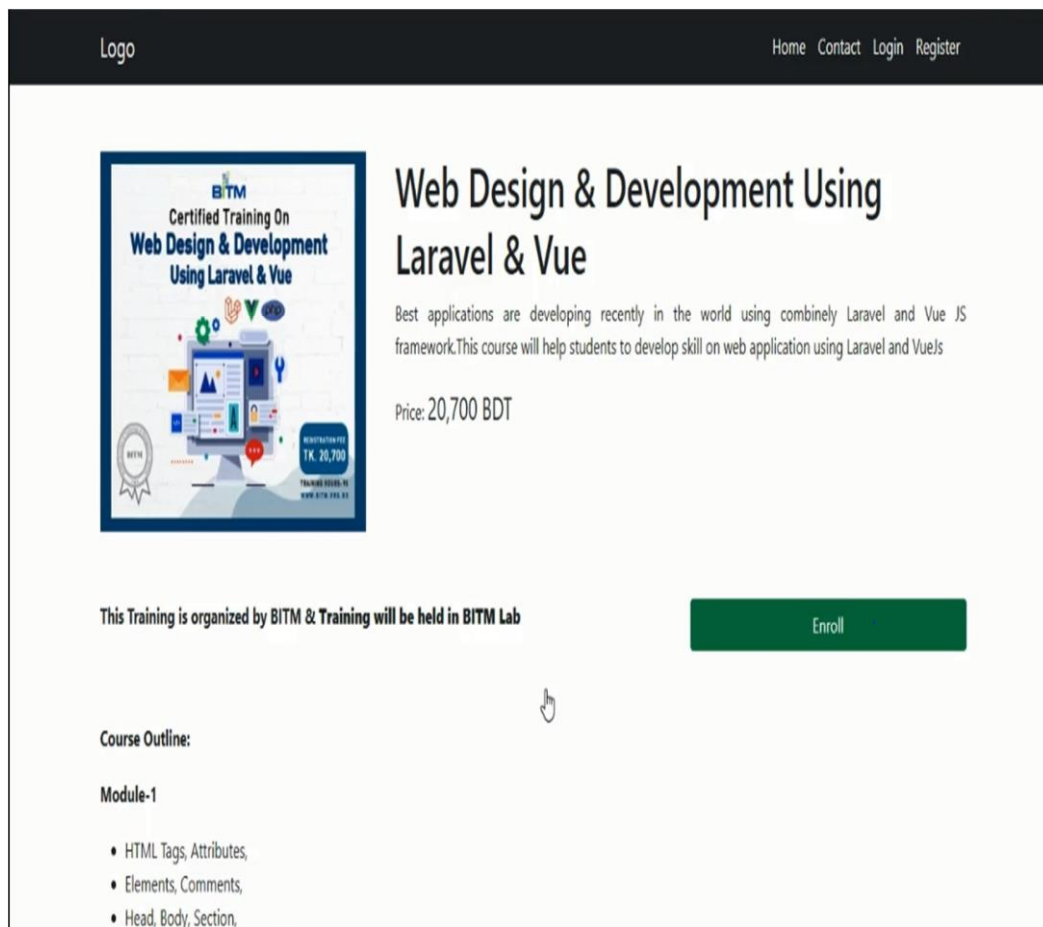


Figure 3.3.16: Simple Student Management System Home page.

Features of student subject wise view Pages:

- Any student can learn his subject and exam wise.
- Any student can attend live online classes.
- Student can download his subject related lecture sheet.
- Student can participate his online subject wise model test.

The following figure 3.3.17 we can see Subject Wise Chapter page.

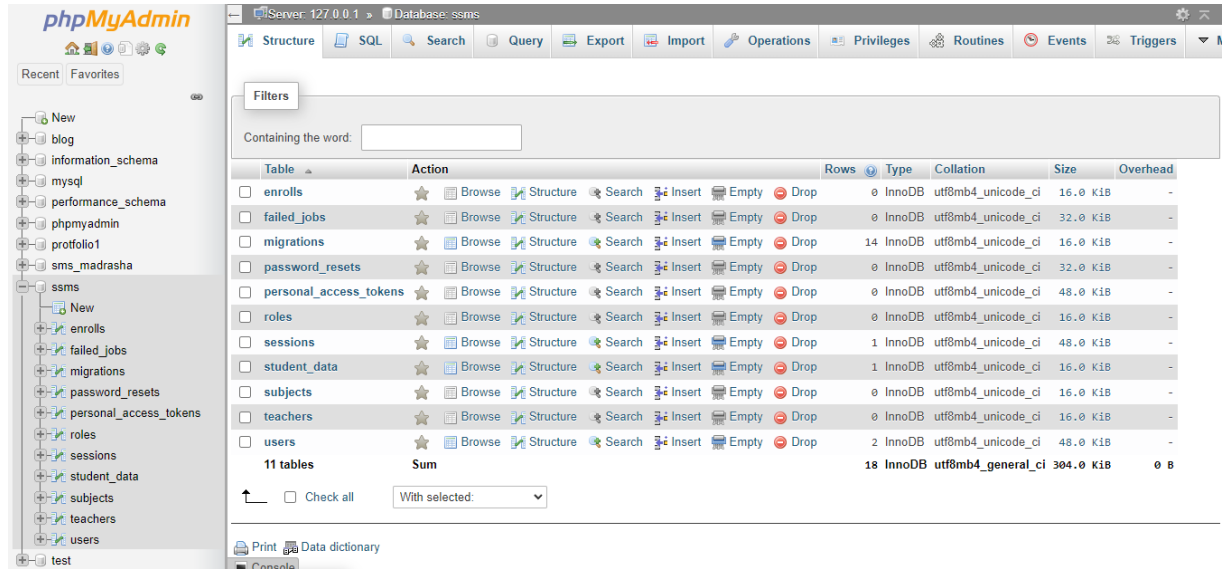


The screenshot shows a webpage for a course titled "Web Design & Development Using Laravel & Vue". The page features a dark navigation bar at the top with "Logo" on the left and "Home Contact Login Register" on the right. The main content area has a white background. On the left, there is a promotional image for the course, which includes the BITM logo, the text "Certified Training On Web Design & Development Using Laravel & Vue", and a price tag of "TK. 20,700". To the right of the image, the course title is displayed in a large, bold font. Below the title, a short description states: "Best applications are developing recently in the world using combinely Laravel and Vue JS framework.This course will help students to develop skill on web application using Laravel and Vuels". The price "Price: 20,700 BDT" is listed below the description. A green "Enroll" button is positioned to the right of the text. Below the button, there is a line of text: "This Training is organized by BITM & Training will be held in BITM Lab". Underneath this, the "Course Outline:" is shown, followed by "Module-1" and a list of topics: "HTML Tags, Attributes", "Elements, Comments", and "Head, Body, Section". A mouse cursor is visible over the course outline text.

Figure 3.3.17: Subject Wise Chapter page.

Database for Simple Student Management System

The following figure 3.3.18 shows the Database of the Simple Student Management System.



The screenshot displays the phpMyAdmin interface for a MySQL database named 'ssms'. The left sidebar shows a tree view of databases, with 'ssms' expanded to show its tables: enrolls, failed_jobs, migrations, password_resets, personal_access_tokens, roles, sessions, student_data, subjects, teachers, and users. The main panel shows a table structure view for the 'ssms' database. A search filter is present at the top. Below it, a table lists the database's tables with their respective actions, row counts, types, collations, sizes, and overheads.

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> enrolls	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 K	-
<input type="checkbox"/> failed_jobs	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 K	-
<input type="checkbox"/> migrations	★ Browse Structure Search Insert Empty Drop	14	InnoDB	utf8mb4_unicode_ci	16.0 K	-
<input type="checkbox"/> password_resets	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 K	-
<input type="checkbox"/> personal_access_tokens	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	48.0 K	-
<input type="checkbox"/> roles	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 K	-
<input type="checkbox"/> sessions	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	48.0 K	-
<input type="checkbox"/> student_data	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	16.0 K	-
<input type="checkbox"/> subjects	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 K	-
<input type="checkbox"/> teachers	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 K	-
<input type="checkbox"/> users	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_unicode_ci	48.0 K	-
11 tables Sum		18	InnoDB	utf8mb4_general_ci	304.0 K	0 B

Figure 3.3.18: Database of the Simple Student Management System.

3.4 Challenges

Experiencing several requesting circumstances or issues is typical inside the hour of the completion of a broad endeavor. I'm moreover enduring as well, however moving past unambiguous experiences for individuals. While I am fixing mistakes and entire, my undertakings have an extra piece of bliss and entertainment. This might make us bounty surer about my future calling.

CHAPTER 4

Competencies and Smart Plan

4.1 Competencies Earned

All through my Internship length, I've toiled with a couple of drives. In that favored course of events, I have finished those work. Thusly, I can say that now adequately, I'm progressed to attempt to do any very difficult task inside the web zone connected with Laravel Web development [3]. Presently, I'm genuinely ready for the profession and the powerful difficult stretches. Furthermore, I've moment ability in creating extraordinary web applications with the most present-day state of the time. Presently, I'm prepared to get current innovations inside a fast period. As of late, much additional innovation comes consistently, and I'm coordinated for getting those advances.

4.2 Smart Plan

Presently, I have an arrangement for my vocation for making and improving with remarkable web advancement. As of now, I arranged to go to enliven my future in the resulting ways:

- Attempt to track down a new thrilling profession.
- Making a new CV and portfolio, finding the prevalent work.
- Make a profile on LinkedIn and GitHub likewise, further developing them with better quality.
- Continuously adjust with innovations.

4.3 Reflections

- Teaming up with an innovative group and accomplishing testing work.
- Accomplishing something remarkable for our country.
- Adjust with all the innovations.

CHAPTER 5

Conclusion and Future Career

5.1 Discussions and Conclusion

I learned numerous things during my review time. How the venture was made due, and the dateline, was vital. Finding out about the improvement of many web applications can assist me with looking for higher work. Then, at that point, I work with a group of specialists who support me in fostering my future profession.

5.2 Scope for Further Career

My internship and the information I gain will assist me with working on my forward-moving step. Yet, there are a couple of constraints to my experience, and I need to benefit from my experience. Notwithstanding, my ongoing experience can be sufficiently independent to find a new line of work. Presently, I am finding the resulting future profession is frequently to my objective:

- Better involvement with PHP Laravel will uphold me to land amazing open doors for creative positions.
- As of now isn't much of PHP Laravel engineers at present, so I could get a surpassing line of work for a product organization.
- Different involvement with web improvement could be choosing me to top IT Companies.

Appendix

Appendix A: Internship Reflections

I concluded that the internship would further develop my future so I could take on new difficulties in the gig market. We need to foster the information on a versatile venture in reality to utilize the data. My temporary job caused me to plan the excursion for this test. Right now, I am completely getting ready for a difficult and dynamic, and testing task. This data upholds me to be sure about my work and will continuously be appreciative to Uploadion Software Solution for such a lot of help in my future work.

Appendix B: Company Detail

Uploadion Software Solution

Website: <https://uploadionsoft.com/>

Email: info@uploadionsoft.com

Cell: +1 202 – 991 – 1427

Address: 1802 Vernon St NW #1090 Washington, DC 20009, United States.

References

- [01] “Uploadion Software Solution” Available-at: <https://uploadionsoft.com/>
[last-accessed: 20.07.2022 at 11:45am]
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Daffodil International University
Faculty of Science and Information Technology
Department of Computer Science and Engineering

Project Documentation Summary Report
(Filled by Supervisor)

Student ID	192-15-13165			
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SL#	Items to be checked	Status (Tick)		Comment
01	Title of the Work. (Checked and correct)	Yes✓	No	
02	Abstract (Checked and correct)	Yes✓	No	
03	Table of Contents (Checked and correct)	Yes✓	No	
04	Formatting (line spacing, font name, font size, orientation) (Checked and correct)	Yes✓	No	
05	Figure (Numbering, Properly visible, orientation, caption, mentioned in corresponding text) (Checked and correct)	Yes✓	No	
06	Table (Numbering, Properly visible, orientation, caption, mentioned in corresponding text) (Checked and correct)	Yes✓	No	
07	Originality of the Report (Verified or not)	Yes✓	No	
08	Fully Developed Specification (Checked and correct)	Yes✓	No	
09	Implementation and Evaluation (Described with appropriate figure)	Yes✓	No	
10	Spelling and Grammar checking (Checked)	Yes✓	No	
11	Limitations and Conclusions (Exists or not)	Yes✓	No	
12	References (IEEE style)	Yes✓	No	
13	Citations (Properly Cited)	Yes✓	No	

I checked all the points mentioned above and hereby recommend this internship for final-defense.

.....
Supervisor Name: **Refath Ara Hossain**, Lecturer, Department of CSE

Internship on Web Development

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