



Internship on Web Development by Luminous Labs

Submitted by

Md. Golam Mortuza

181-35-2380

Department of Software Engineering

Daffodil International University

Supervised by

Mr. Md. Khaled Sohel

Assistant Professor

Department of Software Engineering

Daffodil International University

This report has been submitted in fulfillment of the requirements for the Degree of Bachelor of Science in Software Engineering.

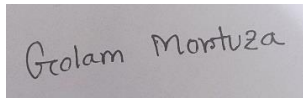
DECLARATION

I am Golam Mortuza hereby declare that the internship report entitled as “Internship on Web Development of a “Luminous Labs” is uniquely prepared by me after the completion of four months’ work at Luminous Labs software company. My Internship period it is an original work done by me under the supervision of “Mr. Md. Khaled Sohel”, Assistant Professor: Department of Software Engineering.

The report is unique in that it is not submitted anywhere for academic purposes. The data and information mentioned here are also collected and organized by me. I am solely responsible for any misrepresentation of information in this report.

Finally, this report is submitted to the Department of Science and Information Technology, Faculty of Software Engineering, Daffodil International University, in part to meet the requirements for a Bachelor of Science degree.

Submitted by:



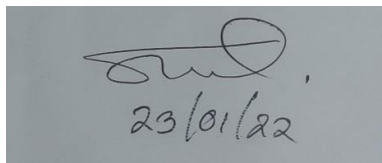
ID: 181-35-2380

Batch: 25

Department of Software Engineering

Daffodil International University

Certified by:



Assistant Professor

Department of Software Engineering

Faculty of Science and Information Technology

Daffodil International University

ACKNOWLEDGEMENT

First of all, I am extremely grateful to Almighty God for giving me the opportunity to continue my studies in this epidemic year. I would like to pay my deepest respects to Mr. Md. Khaled Sohail, Assistant Professor, Department of Software Engineering, Faculty of Science and Information, Daffodil International University. Without his guidance and advice, the stages of the internship period would be quite difficult to overcome.

At the same time, I would like to express my gratitude to all my colleagues at Luminous Labs. Thanks to Enlightened Labs for the opportunity. Special thanks to my HOD Tr. Shishir, who helped guide me through my career, has inspired me to use my knowledge and instructions on how to collect more.

Finally, thanks to all the researchers, scholars, software engineers and people in all office colleague.

SUMMARY

This internship report highlights the work done by the author in terms of academic and software industry perspectives. The scope of this documentation is to analyze the author, the completed project and to describe the experience gained by working during this period as an intern.

The duration of my four-month industrial internship program was with "Luminous Labs" where I was involved in web development, all of which will be covered in this report. This report will cover some background information on the projects I was involved with, as well as details of how the projects were created and the experiences I have gained during this time.

This internship report contains most of the work overview that I did as an intern. To me, one of my most important accomplishments has been developing functionality using the laravel framework.

TABLE OF CONTENT

Approval	i
Declaration	ii
Acknowledgement	iii
Summary	iv
Table of Content.....	v
List of Task	viii
Chapter 1: Introduction	1
Overview	1
Origin of The report	2
Objectives of the Internship	2
Methodology	2
Primary Data Source	2
Secondary Data Source	2
Scope	3
Limitation	3
Chapter 2: Company Overview.....	4
Overview of Luminous Labs	4
Organization Hierarchy for Software Development Role	4
Service.....	5
Contact Details	5
Technology.....	6
Rules and Regulations.....	7
Flexibility	7
Semi-Formal Attitude	7
Office Schedule.....	7
Chapter 3: My Internship at Go Luminous Labs	8
Overview	8
Internship Experience.....	8
Recruitment	8
Facilities Given to Interns	8
Evaluation Process	8

Personal Expectations	9
Conclusion.....	9
Chapter 4: Software Development Life Cycle Overview	10
Software Development Life Cycle	10
My Work as Software Developer Intern	11
Initiation.....	11
Project Planning	11
Tools and Technologies I used.....	11
My Task	12
Project description.....	12
Challenges.....	12
Competition and Delivery	12
Basic Task	13
Registration	13
Login	13
DT-Shop Backup Schema Design.....	14
Template Design	15
Shop	15
Backup Files.....	16
Some Input Fields Design & Download System.....	16
Before Hook.....	17
Hide of Stock Out Product.....	17
Make Zip File System	18
Product Price Increment	19
Check the terms and condition checkbox before checkout	20-21
Filtering.....	22-25
Select Multiple Pages	26-27
Chapter 5: Experience and Achievement.....	28
Notable Experiences.....	28
Formal Behavior	28
Team Work	28
Career Direction.....	28
Chapter 6: Conclusion.....	29
6.1 Concluding Statements	29

Chapter 7: References	30
7.1 References.....	30
Plagiarism Report.....	31

LIST OF TASK

Points	Name of Task	Page No.
4.4	Simple Login-Registration system using laravel	13
4.5	DT-Shop Backup Schema Design	14-16
4.6	Some input fields & download system	16
4.7	Before hook using crud booster	17
4.8	Hide of stock out product	17
4.9	make zip file	18
4.10	Product price increment using helper function	19
4.11	Check the terms and condition checkbox before the checkout	20-22
4.12	Filtering by Pages	22-25
4.13	Select multiple pages	26-27

CHAPTER 1: INTRODUCTION

OVERVIEW

Internship programs are designed to help students provide experience in a real-world environment. Internships help create a strong resume with a work experience that they can use to get started. Although there is no standard period for how long an internship period should last, it is usually two to twelve months longer. During this time the interns get the opportunity to seek advice from seniors, explore explored work as well as learn how to use real-world experience from the university.

To gain real life experience, to learn and develop relevant skills necessary at work, as well as to find permanent employment in hosts and various companies.

Daffodil International University offers a "B.Sc" undergraduate program in software engineering. For this program one has to complete internship period with a reputed company where they will be practically trained with work environment practice and become familiar with the industry. For my internship program, I worked in the technology department At Luminous Labs where I completed a four-month internship.

During the internship period, I had to learn how to communicate effectively with colleagues while working in the office or from home to develop systems according to the software development life cycle.

ORIGIN OF THE REPORT

To learn how the framework works, how to work with them, and how to develop them, this report focuses on most of the major projects that I had to create in the previous days in the office. It also focuses on my contributions to the organization and how it has developed my skill sets and how I applied those skills at the development stage as a developer.

OBJECTIVES OF THE INTERNSHIP

The main purpose of this internship report is to analyze the work that I have done as an intern and work part of the software development life cycle .The Other purposes are:

- Introduction to the organization and the standards they follow
- To get to know about the industry
- Details of my responsibilities
- My achievements as an intern
- Details about the team I worked in
- To get to know the industry standard coding style and follow them
- To know how to solve problems as a team and as an individual
- To go through the software development life cycle
- Learning how to work in a team

METHODOLOGY

The information used in this report has been collected from both internal and external sources.

PRIMARY DATA SOURCE

- Personal observation and experience
- Via conversation with team members

SECONDARY DATA SOURCE

- Company website
- The internet

SCOPE

In this report, I have discussed the company, my responsibility, office environment and culture. It covers the way I started my internship, the work I did during the internship, as well as how I used different tools and technologies in the development life cycle.

LIMITATION

I can not disclose the various parts of the company, the sensitive information of the company due to the nature of the agreement and the confidential agreement that I had to sign when I joined Luminous Labs.

CHAPTER 2: COMPANY OVERVIEW

OVERVIEW OF LUMINOUS LABS

Luminous Labs starts its journey with ICT business in Oct. 2016. Understanding the Demand of this digital Era, we started this company in Dhaka, Bangladesh. Luminous Labs is an independent software development and consulting company. We as a professional software-development company are highly concerned with the quality of our solutions and services. Moreover, our team constantly works on developing and improving our service performance to satisfy our customers and maintain long-term cooperation with them.

The company was founded by a team of enthusiastic IT specialists who wanted to overcome the routine and create a company that would act in the market not only for business success but for the sake of IT itself. Thus, the mission of the company was defined to contribute to forward looking transformation of the society through software development.

We Provide Software Security & Software Development for Business automation, Business strategy development by adopting new technology which includes Web Based Application Development, Software & Android Apps Development and Internet Marketing Strategy Development along with any kind of Web Application design. Luminous Labs is a Software Development Company with a vision to provide enterprise solution to local and international organizations.

ORGANIZATION HEIRARCHY FOR SOFTWARE DEVELOPMENT ROLE

- CEO
- Project Manager
- Team Leader
- Senior Software Developer
- Software Developer
- Junior Software Developer

Other Roles:

- Marketing Manager
- HR

SERVICE

Web Application: Dynamic and responsive web Application for all kind of organizations.

Mobile Application: Without wasting any more time just share your idea with us and let us make your dream application come true.

Digital Marketing: Our Skilled and experienced SEO specialist and digital marketing experts are ready to work with you.

Software Security: Learn about the privacy and customer support software security features of Team Support.

IT Consulting: Best IT Support you will ever find. IT support technicians can work for software or hardware.

CONTACT DETAILS

- Company Name: Luminous Labs
- Website: www.luminouslabsbd.com

Address: Avenue 6, Road No-11, House 761/A, Mirpur-12(DOHS), Dhaka 1212

TECHNOLOGY

Enlightened labs have to deal with a huge number of users every day. So, the system has to be top notch. And we use well-known and proven technology to develop the system to create a reliable and user-friendly system.

The frameworks that Luminous Labs uses:

- Laravel

Languages that Luminous Labs uses:

- Php
- JavaScript
- JQuery

Databases:

- MySQL

Other Services:

- Marketing

Version Control:

- Git

RULES AND REGULATIONS

Employees may violate prescribed policies. Breaking the rules disrupts the work flow and disrupts the work environment.

FLEXIBILITY

The company follows a semi-rigid framework of rules and regulations and violating the rules may go unpunished if it does not affect others.

OFFICE SCHEDULE

Flexible enough for employees during office hours. One should arrive at the office between 10.00 AM and 10.15 AM and should be at least 8 hours from the time of arrival. There are also prayers and lunch breaks. If someone has a emergency problem, leave is given.

CHAPTER 3: MY INTERNSHIP AT LUMINOUS LABS

OVERVIEW

The purpose of our B.Sc program is to teach students and prepare them for the industry when they graduate. But the university cannot provide real life experience of working in any industry. That's why internship programs are useful. They not only provide a work platform but also teach office culture, industry standard coding. Internships help one to work as a team, learn best practices from senior team members, become accustomed to popular technology, learn and follow timeliness, respect, team building, responsibilities etc.

INTERNSHIP EXPERIENCE

I was thrilled to have the opportunity to join Luminous Labs as an intern. It has given me the opportunity to learn, adapt and gain real-life work experience.

RECRUITEMENT

I got to know from one of my older brothers that Luminous Labs is hiring an intern. So, I dropped my CV. In the interview I was asked casual questions by the CEO and HR about my preferences, what I did at university, what I learned so far, and my future plans. They asked me some programming questions to evaluate my skills and checked my github account and asked some questions. A few days later they called me and told me to accept and asked me to join and start working.

FACILITES GIVEN TO INTERNS

In the office I was given a seat at the table where all the members of the tech team were by my side. They also gave me a computer, internet connection. Coffee and lunch from the office and snake were also provided by the office too.

EVALUATION PROCESS

To hire me and keep track of my progress and help me overcome problems, a senior software developer was hired. At the initial stage I was given the requirements for the mini project I created. Since I was developing each feature, I was reporting work status. After getting acquainted with the technology and framework they are using, I was instructed to join the Luminous Labs web application and follow their strict guidelines.

PERSONAL EXPETATIONS

- Learning how software development life cycle works
- Working as a team
- Learning time management
- Understanding the project properly
- Learning office environment.

CONCLUSION

During the internship, I have learned to manage time properly. Learned what it feels like to work as a software developer and how to work in the real life industry. Learned how to work in team. How to stay consistent with the team. Learned about new technologies and how to work with them.

CHAPTER 4: SOFTWARE DEVELOPMENT LIFE CYCLE OVERVIEW

SOFTWARE DEVELOPMENT LIFE CYCLE

SDLC is an acronym for software development life cycle. It is basically a series of steps that provide a model for development and management of its life cycle.

There are several SDLCs available for use and different companies use different models to suit their products. SDLC models divide the work phase into different parts. It helps developers to create an accurate plan for any system. SDLC has planning, analysis-like stages that give ample time to plan for the whole project. SDLC aims to create high quality systems that meet the requirements. It is really difficult to complete a project without following any SDLC method.

Agile model is mostly used by big companies. Agile model on the other hand start with less strict guidelines and they adjust if necessary. This model is known for its ability to quickly adjust and change.

The software development life cycle model usually has 6 stages. It is given below:

- Requirements gathering and & Planning
- Analysis
- Design
- Implementation
- Testing
- Maintenance

Requirements gathering and planning: The main focus here is to properly collect project requirements from stakeholders and plan accordingly. During this period there are frequent meetings with managers, stakeholders and stakeholders. After collecting the requirements, planning for the project begins.

Analysis: At this stage it is necessary to analyze whether it is possible to create a system as required

Design: Systems and software design are prepared according to the requirements at this stage. It helps to define the overall system architecture. At this stage UI / UX designers come up with guidelines and testers come up with testing techniques, where they specify what to test and how to test.

Implementation: Developers begin to develop features by coding according to design and this is the longest stage of the life cycle of software development.

Testing: This step confirms that the system is actually solving the problem for which it was created. Unit testing, integration testing, system testing, functional and non-functional requirements are all being examined in this phase.

Maintenance: After a system is created when users start using many problems occurs. Depending on the user feedback, many new bugs and new minor updates may be required. At this stage developers should take care of the system by updating it through patch updates. This is known as maintenance.

MY WORK AS WEB DEVELOPER INTERN

INITIATION

I was given a task to make a big project using Laravel Framework which will help me to get used to Laravel. This was in the early stage of my internship period. My senior developers evaluated the project and according to the client's requirement, the microweber system would allow the work of various small functionalities and the client would have to update it after completing it within a specified time.

Task PLANNING

My task at Luminous Labs was to learn and work as backend web developer intern but if there was a small part of front end work in my task, I have done myself.

TOOLS AND TECHNOLOGIES I USED

Programming language: Php

Framework: Laravel

Database: mysql

IDE: Visual Studio Code

Database browser: phpmyadmin

MY TASK

As an intern, I had to get used to the tools, technologies and standards the team was following. In order to do so, I was assigned to make a big project. The core responsibilities that I contributed are:

- Fix existing bugs in this system
- Client requirement based task
- Database Backup

PROJECT DESCRIPTION

The project I was assigned to was the microweber (open-source content) management system project. The name of the project was droptienda. It is based on the Php programming language and the Laravel web application framework. This microweber system is customized drag & drop. Products can be imported from the admin and show them at the front end. The main feature of this product is home, shop, blog, contract etc. Basically two primary actor one admin & one User. Admin releases products and user buys products. There are some categories of admin. Admin gets all layouts and he can drag and drop as you wish.

CHALLENGES

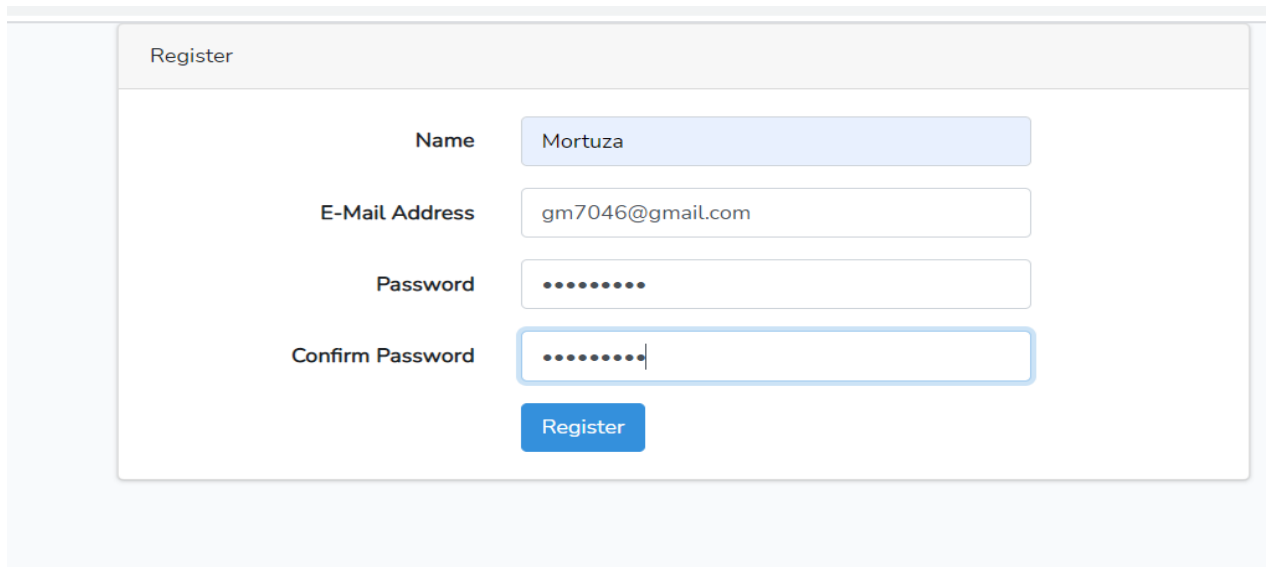
I was assigned to work with microweber system project. It is very difficult & troupe. The microweber system is customized to work according to the client's requirements. The microweber system of all function is modules based. It is very difficult & troupe to find out specific modules due to many modules.

COMPLETETION AND DELIVERY

My team leader would give me a task and give me a specific date. During that time I had to finish the task and do the testing with the tester. After testing, if all was well, the push had to be given at the git or if any bug was found out, it had to be solved and re-tested.

PRACTICAL TASK

(Prove of my works (screensort-1)-Registration)



A screenshot of a web application's registration form. The form is titled "Register" and is contained within a light gray box. It features four input fields: "Name" with the value "Mortuza", "E-Mail Address" with the value "gm7046@gmail.com", "Password" with masked characters ".....", and "Confirm Password" with masked characters ".....". A blue "Register" button is positioned below the "Confirm Password" field.

Register

Name Mortuza

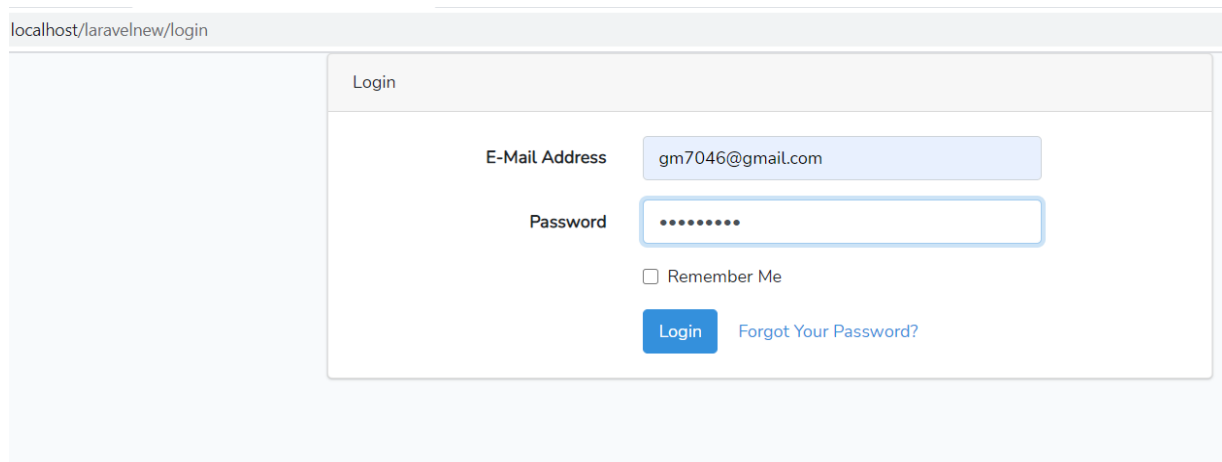
E-Mail Address gm7046@gmail.com

Password

Confirm Password

Register

(Prove of my works (screensort-2)-Login)



A screenshot of a web application's login form. The browser address bar shows "localhost/laravelnew/login". The form is titled "Login" and is contained within a light gray box. It features two input fields: "E-Mail Address" with the value "gm7046@gmail.com" and "Password" with masked characters ".....". Below the password field is a checkbox labeled "Remember Me". A blue "Login" button is positioned below the "Remember Me" checkbox, and a link "Forgot Your Password?" is to its right.

localhost/laravelnew/login

Login

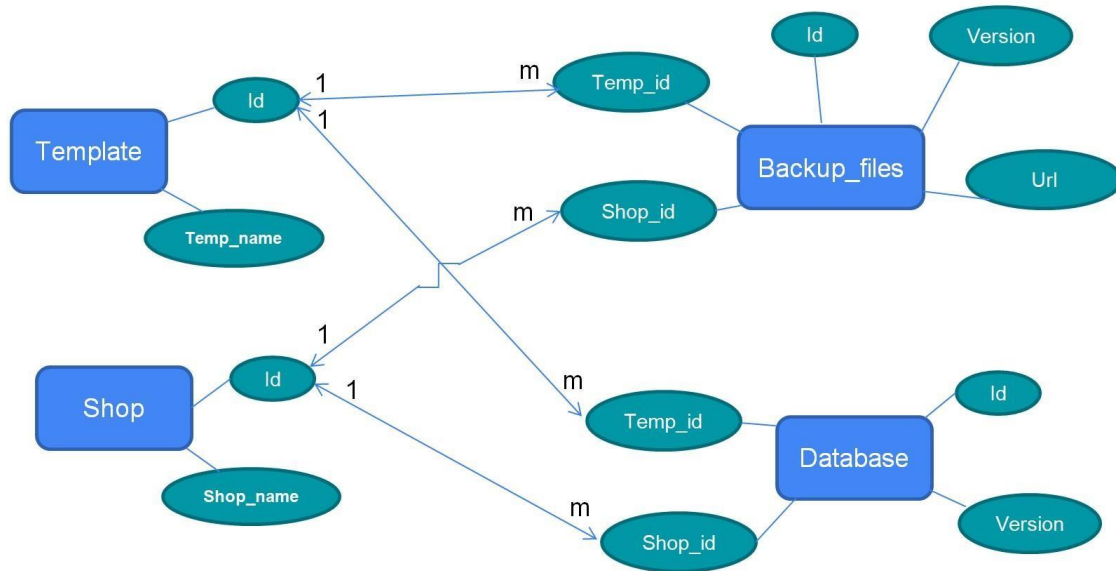
E-Mail Address gm7046@gmail.com

Password

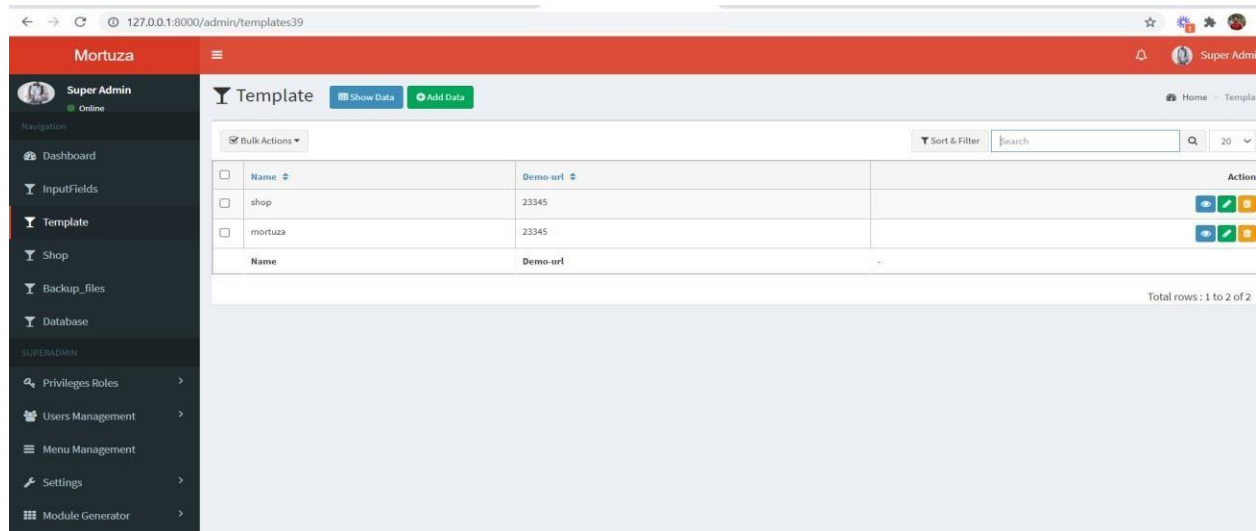
☐ Remember Me

Login Forgot Your Password?

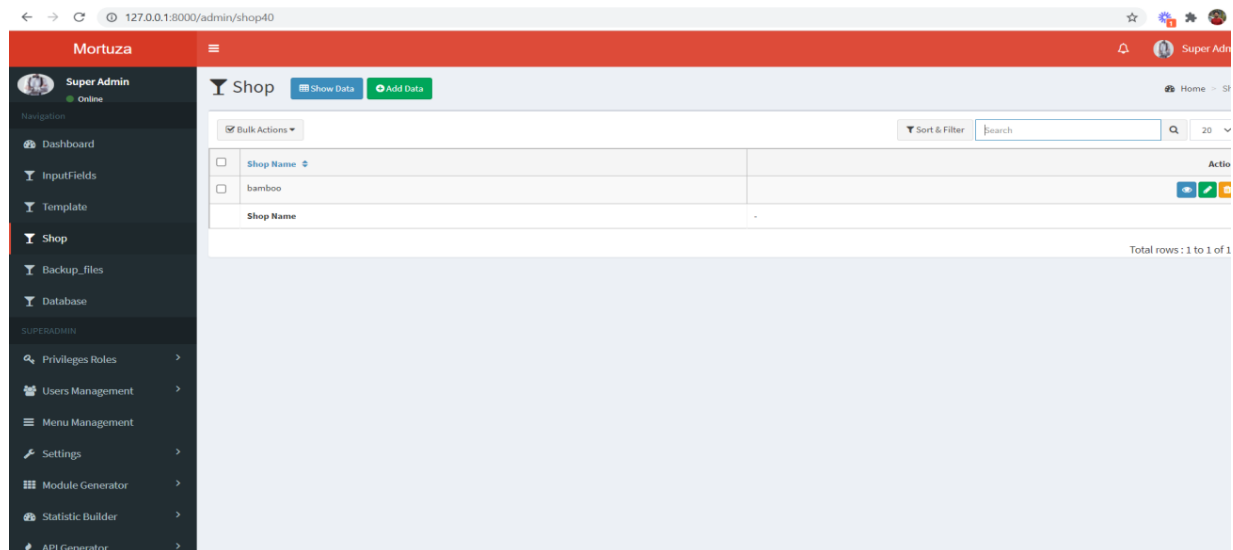
DT Shop Backup Schema



(Prove of my works (screensort-3)-Template)



(Prove of my works (screensort-4)-Shop)



(Prove of my works (screensort-5)-Backup Files)

Template Id	Shop Id	Version	Url	Action
shop	bamboo	2021-09-09	Download	Edit Delete
shop	bamboo	2021-09-06	Download	Edit Delete
shop	bamboo	2021-09-06	Download	Edit Delete
mortuza	bamboo	2021-09-06	Download	Edit Delete
mortuza	bamboo	2021-09-06	Download	Edit Delete
mortuza	bamboo	2021-09-06	Download	Edit Delete
mortuza	bamboo	2021-09-06	Download	Edit Delete
shop	bamboo	2021-09-05	Download	Edit Delete
mortuza	bamboo	2021-09-05	Download	Edit Delete
mortuza	bamboo	2021-09-05	Download	Edit Delete

Total rows : 1 to 10 of 10

(Prove of my works (screensort-6)-Input Fields)

→

127.0.0.1:8000/admin/input_fields/18

Mortuza

☰

Super Admin

Online

Navigation

Dashboard

InputFields

Template

Shop

Backup_files

Database

SUPERADMIN

Privileges Roles

Users Management

Menu Management

Settings

Module Generator

Statistic Builder

☰

Home

InputField

InputFields

Show Data

Add Data

Export Data

Advanced Print

Bulk Actions

Sort & Filter

Search

50

<input type="checkbox"/>	Checkbox	Child	Custom	Datamodal	Date	Datetime	Email	Googlemaps	Header	Hidden	Json	Money	Multitext	Number	Password
<input type="checkbox"/>	Laravel Mortuza	HTML,CSS,JS Mortuza	laravel Mortuza	Crudbooster Mortuza	21-09-01	21-09-05	golam35-2389@diu.edu.bd Mortuza	Mirpur-12 Mortuza	Mortuza	raju Mortuza	I am Mortuza Mortuza	100 Mortuza	I am students Mortuza	01784715822 Mortuza	\$2y5105PaJAF4QYTS207Ec3mAVNc Mortuza
<input type="checkbox"/>	Laravel Mortuza	HTML,CSS,JS Mortuza	laravel Mortuza	Crudbooster Mortuza	21-09-01	21-09-05	golam35-2389@diu.edu.bd Mortuza	Mirpur-12 Mortuza	Mortuza	raju Mortuza	I am Mortuza Mortuza	100 Mortuza	I am students Mortuza	01784715822 Mortuza	\$2y51052n7zJbE1f1U2Hvgt/VGj0ml Mortuza
<input type="checkbox"/>	Php Mortuza	HTML,CSS,JS Mortuza	laravel Mortuza	Crudbooster Mortuza	21-09-01	21-09-05	golam35-2383@diu.edu.bd Mortuza	Mirpur-12 Mortuza	Mortuza	raju Mortuza	I am json Mortuza	100 Mortuza	I am student Mortuza	01723245611 Mortuza	\$2y5105s40oUzKzX03VHfpAwil8.tr Mortuza
<input type="checkbox"/>	Php Mortuza	HTML,CSS,JS Mortuza	laravel Mortuza	Crudbooster Mortuza	2021-09-04	2021-09-03 10:00:00	golam35-2383@diu.edu.bd Mortuza	Mirpur-12 Mortuza	Mortuza	raju Mortuza	I am json Mortuza	100 Mortuza	I am student Mortuza	01723245611 Mortuza	\$2y5105YghLRPNQFrpNopCKS5yS5e Mortuza
<input type="checkbox"/>	Php Mortuza	HTML,CSS,JS Mortuza	laravel Mortuza	Crudbooster Mortuza	21-09-01	2021-09-03 10:00:00 Mortuza	golam35-2383@diu.edu.bd Mortuza	Mirpur-12 Mortuza	Mortuza	raju Mortuza	I am json Mortuza	100 Mortuza	I am student Mortuza	01723245611 Mortuza	\$2y5105d9QaIBJfSch6.Sj//7K2e/6ru Mortuza
<input type="checkbox"/>	Php Mortuza	HTML,CSS,JS Mortuza	laravel Mortuza	Crudbooster Mortuza	2021-09-01	2021-09-02 06:00:00	golam35-2326@diu.edu.bd Mortuza	Mirpur-12 Mortuza	Mortuza	raju Mortuza	I am Mortuza Mortuza	100 Mortuza	I am student Mortuza	01768105289 Mortuza	\$2y5105KpX2Qmx/ZLdH8kn2vS.ai Mortuza

Total rows : 1 to 6 of 6

(Prove of my works (screensort-7)-Before hook)

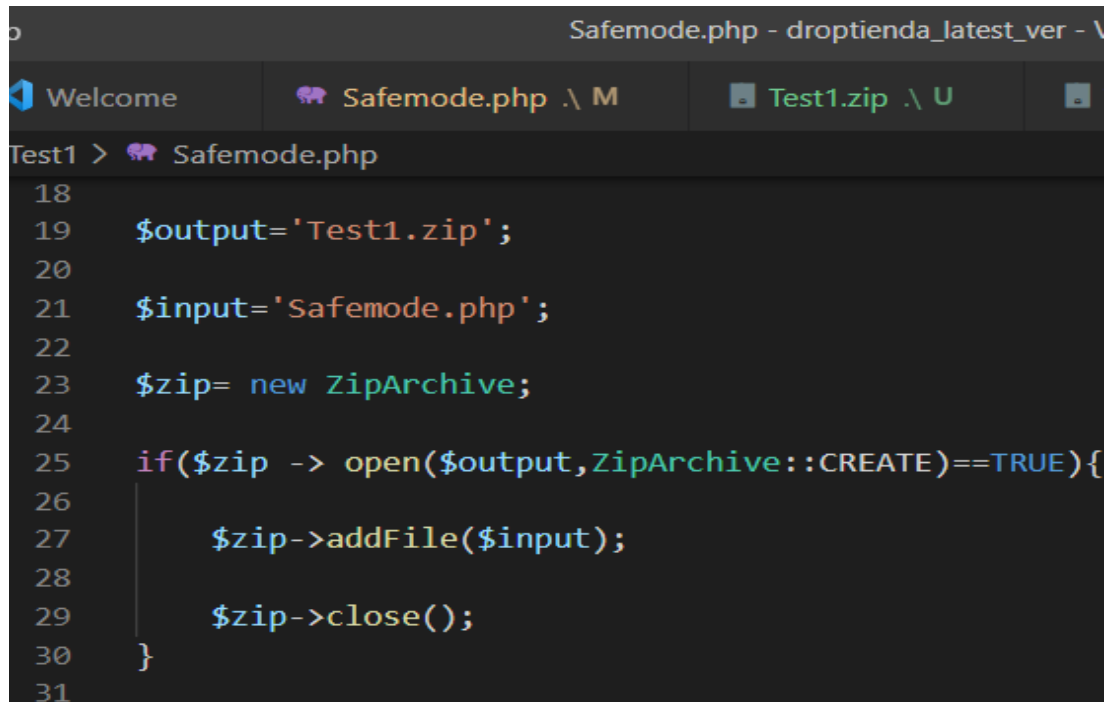
```
AdminInputFields18Controller.php - test1 - Visual Studio Code
ckupFiles41Controller.php  AdminInputFields18Controller.php  2021_09_05_110345_create_backup_files_
> Controllers > AdminInputFields18Controller.php

/**
 * public function hook_before_add(&$postdata) {
 *     //Your code here
 *     $postdata['checkbox'] = $postdata['checkbox'].'.' Mortuza';
 *     $postdata['child'] = $postdata['child'].'.' Mortuza';
 *     $postdata['custom'] = $postdata['custom'].'.' Mortuza';
 *     $postdata['datamodal'] = $postdata['datamodal'].'.' Mortuza';
 *     $postdata['date'] = (date('y-m-d',strtotime('-2 day')));
 *     $postdata['datetime'] = (date('y-m-d',strtotime('2 day')));
 *     $postdata['datetime'] = $postdata['datetime'].'.' Mortuza';
 *     $postdata['email'] = $postdata['email'].'.' Mortuza';
 *     $postdata['googlemaps'] = $postdata['googlemaps'].'.' Mortuza';
 *     $postdata['header'] = $postdata['header'].'.' Mortuza';
 *     $postdata['hidden'] = $postdata['hidden'].'.' Mortuza';
 *     $postdata['json'] = $postdata['json'].'.' Mortuza';
 *     $postdata['money'] = $postdata['money'].'.' Mortuza';
 *     $postdata['multitext'] = $postdata['multitext'].'.' Mortuza';
 *     $postdata['number'] = $postdata['number'].'.' Mortuza';
 *     $postdata['password'] = $postdata['password'].'.' Mortuza';
 *     $postdata['radio'] = $postdata['radio'].'.' Mortuza';
 *     $postdata['select'] = $postdata['select'].'.' Mortuza';
 *     $postdata['select2'] = $postdata['select2'].'.' Mortuza';
 *     $postdata['text'] = $postdata['text'].'.' Mortuza';
 *     $postdata['textarea'] = $postdata['textarea'].'.' Mortuza';
 *     $postdata['time'] = $postdata['time'].'.' Raju';
 *     $postdata['upload'] = $postdata['upload'].'.' Raju';
 *     $postdata['wysiwyg'] = $postdata['wysiwyg'].'.' Raju';
 * }
```

(Prove of my works (screensort-8)-Hide of Stock out Product)

```
<div class="col-12 col-md-6 col-lg-4 col-xl-4 item-<?php print $item['id'] ?>
<?php (intval(content_data($item['id'])['qty']) <= "0" && content_data($item['id'])['qty'] != "nolimit") ?
print 'hide' : print ' ' ; ?>" data-masonry-filter="<?php print $itemCats; ?>
```

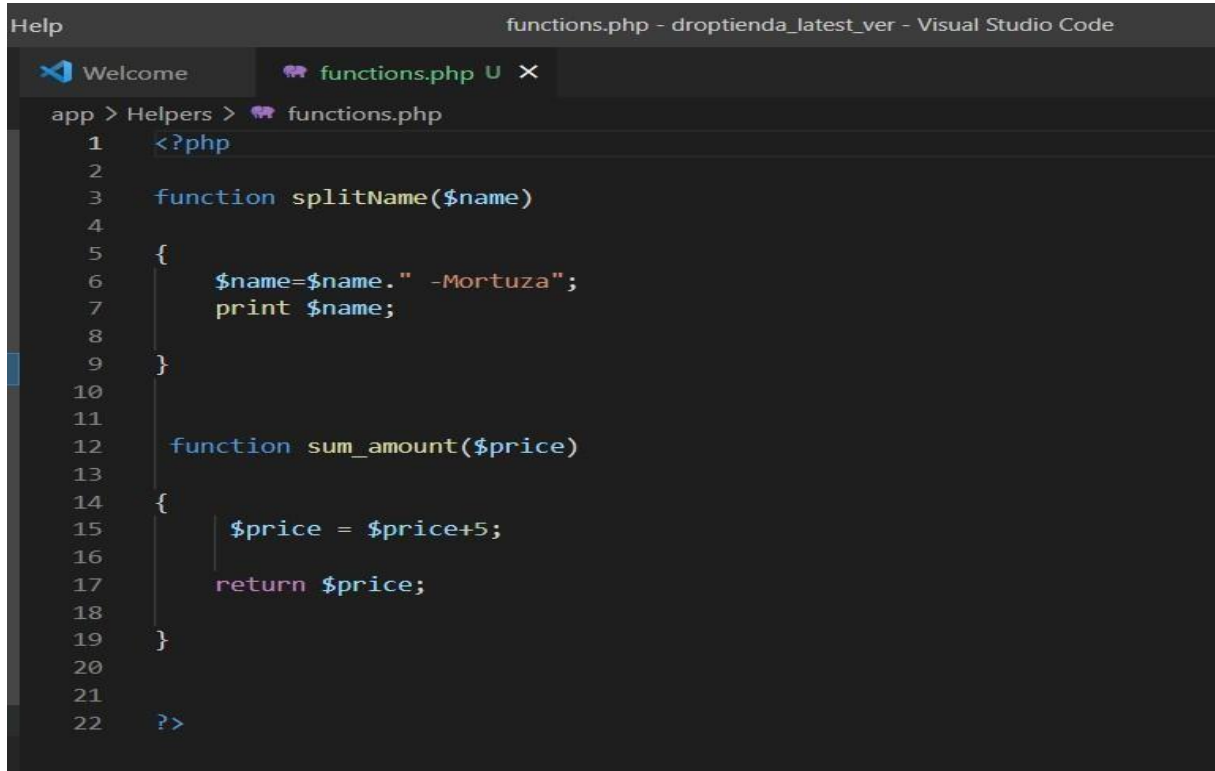
(Prove of my works (screensort-9)-Make a Zip Files)



The screenshot shows a code editor with a dark theme. At the top, there are three tabs: 'Welcome', 'Safemode.php .\ M', and 'Test1.zip .\ U'. The active tab is 'Safemode.php .\ M'. Below the tabs, the code is as follows:

```
Test1 > Safemode.php
18
19     $output='Test1.zip';
20
21     $input='Safemode.php';
22
23     $zip= new ZipArchive;
24
25     if($zip -> open($output,ZipArchive::CREATE)==TRUE){
26
27         $zip->addFile($input);
28
29         $zip->close();
30     }
31
```



(Prove of my works (screensort-10)-Product Price Increment)



```
1  <?php
2
3  function splitName($name)
4
5  {
6      $name=$name." -Mortuza";
7      print $name;
8
9  }
10
11
12  function sum_amount($price)
13
14  {
15      $price = $price+5;
16
17      return $price;
18
19  }
20
21
22  ?>
```



(Prove of my works (screensort-11)-Check the terms and condition checkbox before checkout)

127.0.0.1:8000/checkout

BAMBOO Home Shop [Live Edit](#) Admin [About Us](#) Contact   [gmortuza/046](#)

[BESTELLABWICKLUNG](#) [BESTELLUNG PRÜFEN](#)

Mein Warenkorb

Bild	Produktname	Menge	Preis	Gesamt	Löschen
	Bed with mattress underneath Item Number: 5 EAN: XXX	- 1 +	422,45 €	422,45 €	

Ich akzeptiere die [Allgemeinen Geschäftsbedingungen](#)
Ich habe das [Widerrufsrecht zur Kenntnis genommen](#)



I Agree to Terms & condition: ☐

Bestellübersicht

Warengesamtpreis	422,45€
Versandkosten :	0,00 €
Gesamtpreis	422,45 €
darin enthalten 19.00% USt.	67,45 €
Nettobetrag	355,00€



[Zahlungspflichtig bestellen](#)

127.0.0.1:8000/checkout

BAMBOO Home Shop [Live Edit](#) Admin [About Us](#) Contact   [gmortuza/046](#)

[BESTELLABWICKLUNG](#) [BESTELLUNG PRÜFEN](#)

Mein Warenkorb

Bild	Produktname	Menge	Preis	Gesamt	Löschen
	Bed with mattress underneath Item Number: 5 EAN: XXX	- 1 +	422,45 €	422,45 €	

Ich akzeptiere die [Allgemeinen Geschäftsbedingungen](#)
Ich habe das [Widerrufsrecht zur Kenntnis genommen](#)

I Agree to Terms & Condition: ☒

Bestellübersicht

Warengesamtpreis	422,45€
Versandkosten :	0,00 €
Gesamtpreis	422,45 €
darin enthalten 19.00% USt.	67,45 €
Nettobetrag	355,00€

[Zahlungspflichtig bestellen](#)

```
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422

<label for="myCheck">Checkbox:</label>
<input type="checkbox" id="myCheck" onclick="myFunc()">

<script>
    function myFunc(){
        $('#myCheck').click(function(){
            if($(this).is(":checked")){
                $('#complete_order_button').prop("disabled",false);
            }
            else if($(this).is(":not(:checked)")){
                $('#complete_order_button').prop("disabled",true);
            }
        });
    }
</script>
```

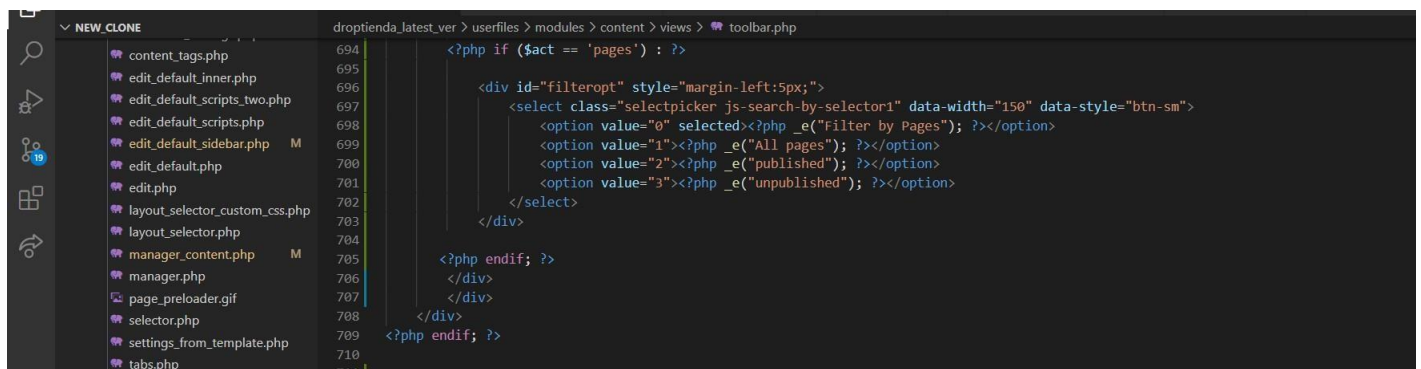
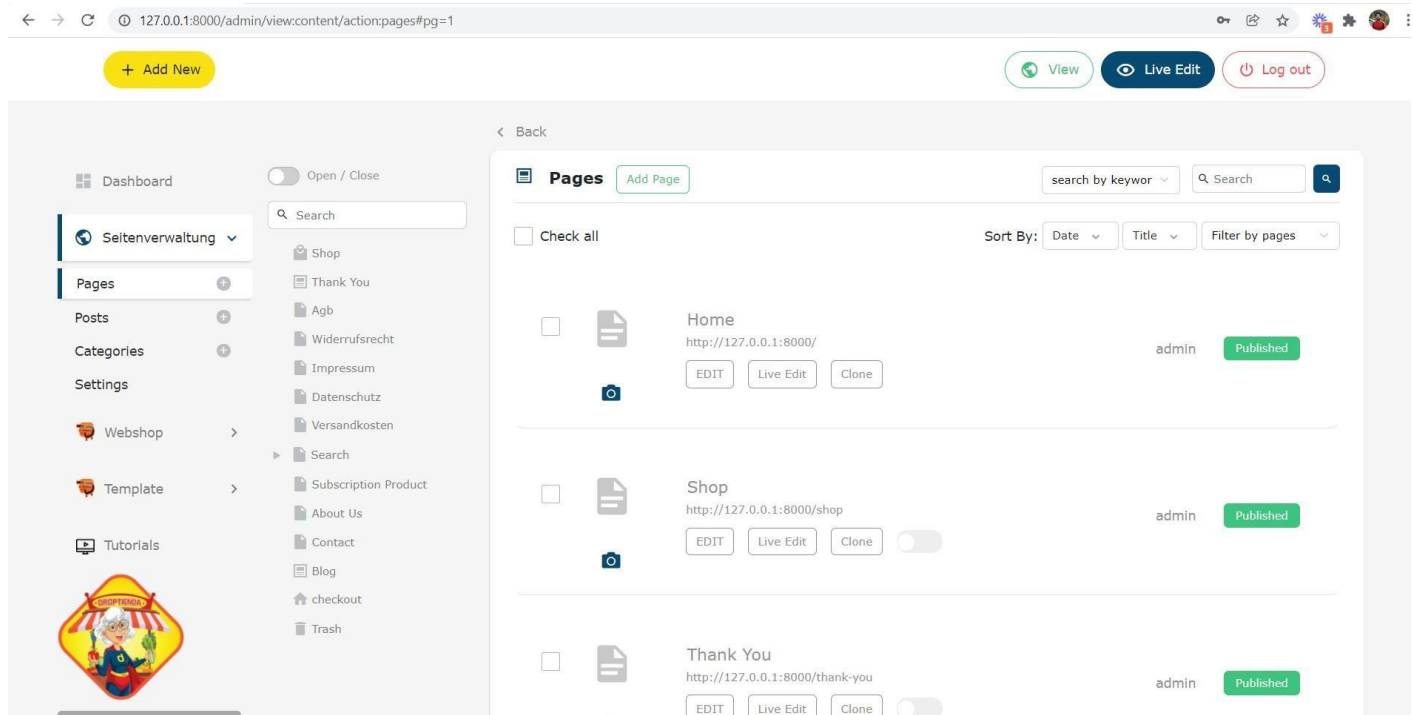
```
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122

<?php
if (get_option('shop_require_terms', 'website') == 1){
    ?>

    <script>
        $(document).ready(function()
        {
            $('#complete_order_button').prop("disabled",true);
        });
    </script>

    <?php
}
?>
```

(Prove of my works (screensort-12)-Filtering by Pages)



(Prove of my works (screensort-13)-Filtering all Pages)

The screenshot displays a web application interface for managing content pages. The browser address bar shows the URL `127.0.0.1:8000/admin/view.content/action:pages#pg=1`. The interface includes a top navigation bar with a yellow **+ Add New** button on the left and three buttons on the right: **View** (green), **Live Edit** (dark blue), and **Log out** (red). Below the navigation bar, a large grey rectangular area on the left serves as a sidebar or filter panel. The main content area on the right lists four pages, each with a checkbox, a document icon, a title, a URL, a user name, and a status button.

Page Title	URL	User	Status
Versandkosten	<code>http://127.0.0.1:8000/versandkosten</code>	admin	Published
Search	<code>http://127.0.0.1:8000/search</code>	admin	Published
Subscription Product	<code>http://127.0.0.1:8000/subscription-product</code>	admin	Unpublished
About Us	<code>http://127.0.0.1:8000/about-us</code>	admin	Unpublished

(Prove of my works (screensort-13)-Filtering all Published Pages)

The screenshot displays a web application interface for managing content. The browser address bar shows the URL: `127.0.0.1:8000/admin/view.content/action:pages#pg=1`. The interface includes a top navigation bar with buttons for "View", "Live Edit", and "Log out". A left sidebar contains a menu with "Seitenverwaltung" (expanded) and sub-items: "Pages", "Posts", "Categories", "Settings", "Webshop", "Template", and "Tutorials". Below the menu is a cartoon character and two status messages: "KEIN Shop update verfügbar" and "KEIN Template update verfügbar". The main content area shows a list of pages with the following details:

<input type="checkbox"/>	Icon	Title	URL	Actions	Admin	Status
<input type="checkbox"/>		Home	http://127.0.0.1:8000/	EDIT Live Edit Clone	admin	Published
<input type="checkbox"/>		Shop	http://127.0.0.1:8000/shop	EDIT Live Edit Clone <input type="checkbox"/>	admin	Published
<input type="checkbox"/>		Thank You	http://127.0.0.1:8000/thank-you	EDIT Live Edit Clone <input type="checkbox"/>	admin	Published
<input type="checkbox"/>		Anh				

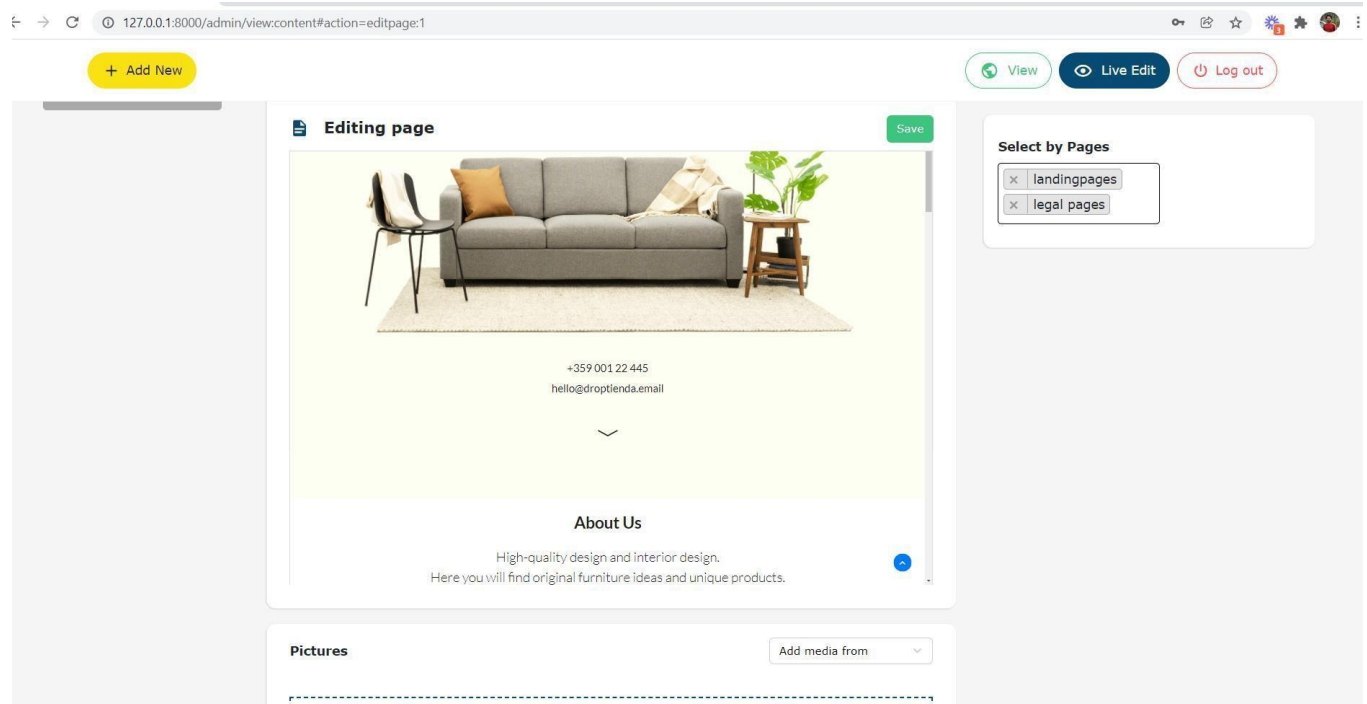
(Prove of my works (screensort-13)-Filtering all Unpublished Pages)

The screenshot displays the Droptienda CMS admin interface. The browser address bar shows the URL: `127.0.0.1:8000/admin/view.content/action:pages#pg=1`. The interface includes a top navigation bar with buttons for 'View', 'Live Edit', and 'Log out'. A left sidebar contains a menu for 'Seitenverwaltung' (Page Management) with options like 'Pages', 'Posts', 'Categories', 'Settings', 'Webshop', 'Template', and 'Tutorials'. Below the menu is a search bar and a list of pages: 'Shop', 'Thank You', 'Agb', 'Widerrufsrecht', 'Impressum', 'Datenschutz', 'Versandkosten', 'Search', 'Subscription Product', 'About Us', 'Contact', 'Blog', 'checkout', and 'Trash'. The main content area shows a list of pages, filtered by 'Unpublished'. The list includes three entries: 'Subscription Product', 'About Us', and 'Contact'. Each entry has a checkbox, a document icon, a title, a URL, a list of actions (EDIT, Live Edit, DELETE, Clone), a toggle switch, the user 'admin', and an 'Unpublished' status button. At the bottom of the interface, a footer reads: 'Open-source website builder and CMS Droptienda.Shopsystem & Template by Droptienda®'.

Check all	Sort By:	Date	Title	Unpublished
<input type="checkbox"/>			Subscription Product	admin Unpublished
<input type="checkbox"/>			About Us	admin Unpublished
<input type="checkbox"/>			Contact	admin Unpublished

```
713 <script>
714 $('#filteropt').change(function (e) {
715     if (e.target.value == "1" ) {
716         location.reload();
717     }else if(e.target.value == "2" ){
718         console.log("abc");
719         $(".content-unpublished").hide();
720         $(".content-published").show();
721
722     }else if(e.target.value == "3" ){
723         console.log("abc");
724         $(".content-published").hide();
725         $(".content-unpublished").show();
726     }
727
728
729 });
730 </script>
```

(Prove of my works (screensort-13)-Select Multiple Pages)



```
NEW_CLONE
content
  controllers
  views
    product
      _empty_content_data.php
      advanced_settings.php
      content_tags.php
      edit_default_inner.php
      edit_default_scripts_two.php
      edit_default_scripts.php
      edit_default_sidebar.php M
      edit_default.php
      edit.php
      layout_selector_custom_css.php
      layout_selector.php
      manager_content.php M
      manager.php
      page_preloader.gif
      selector.php
      settings_from_template.php
      tabs.php
      toolbar.php M
      _empty_content_data.php
      admin_backend.php
      admin_frontend_sidebar.php

droptienda_latest_ver > userfiles > modules > content > views > edit_default_sidebar.php
425
426
427
428
429
430
431
432 <div class="card style-1 mb-3 categories postEditCategory">
433 <div class="card-body pt-3 pb-1">
434 <div class="row">
435 <?php if ($data['content_type'] == 'page') : ?>
436 <div class="col-12">
437 <strong><?php _e("Select by Pages"); ?></strong>
438
439 <div class="quick-parent-selector mt-2">
440 <select class="landings-legal-pages" name="is_page[]" multiple="multiple" data-width="150" data-style="btn-sm">
441
442 <option value='landingpages'><?php _e("landingpages"); ?></option>
443 <option value='legal pages'><?php _e("legal pages"); ?></option>
444 </select>
445 </div>
446 </div>
447 <?php endif; ?>
448
449 </div>
450 </div>
451
452
453
```

```
droptienda_latest_ver > userfiles > modules > content > views > edit_default_sidebar.php
563 <script>
564 $(document).ready(function() {
565 |   $('.landings-legal-pages').select2();
566 | });
567
568 </script>
```

CHAPTER 5: EXPERIENCE AND ACHIVEMENT

NOTABLE EXPERIENCES

Luminous Labs is well known for its services. Most of the staff here are friendly and helpful. So far there has been no discrimination. The work environment was very friendly.

FORMAL BEHAVIOR

Although the company follows a semi-formal approach, I have learned how to communicate and how to communicate with colleagues in each location. How to start a conversation with a positive but strong vibe.

TEAM WORK

When I was assigned to the web application project, I had to work with two groups, front end and back end, which made communication a very difficult.

CAREER DIRECTION

Career direction is one of the most valuable things I have gained during my internship. During that time I worked with many different teams. It helped me to think and see things from a different perspective. Talking and working with bright, intelligent and tech-savvy people have helped me to think more deeply about my career. The jobs I was given helped me a lot to learn new things and get used to them.

CHAPTER 6: CONSLUSION

6.1 CONCLUDING STATEMENTS

My experience in Luminous Labs was really good. All the staff was very friendly and my team members were so helpful. They provided me with learning resources and always helped me when I was stuck in a difficult problem and unable to find a solution. The work environment helped me to push myself to learn more and do more every day. Working in Enlightened Labs has helped me boost my confidence. I learned a lot about time management, responsibility, communication skills, staying positive, working as a team. It would not be possible for me to learn all these things in four months without Luminous Lab.

CHAPTER 7: REFERENCES

REFERENCES

- www.luminouslabsbd.com
- https://en.wikipedia.org/wiki/Systems_development_life_cycle

PLAGIARISM REPORT

1/24/22, 11:13 AM

Turnitin

Turnitin Originality Report

Processed on: 24-Jan-2022 11:13 +06

ID: 1746870775

Word Count: 3833

Submitted: 1

181-35-2380 By Md. Golam Mortuza

Similarity Index

17%

Similarity by Source

Internet Sources:	16%
Publications:	1%
Student Papers:	12%

5% match (student papers from 17-Dec-2020)

[Submitted to Daffodil International University on 2020-12-17](#)

3% match (Internet from 03-Nov-2012)

<http://www.habarisearch.com/mod/tagcloud/?tag=Systems&page=2>

1% match (student papers from 02-Apr-2018)

Class: Article 2018

Assignment: Journal Article

Paper ID: [939748777](#)

1% match (Internet from 24-Dec-2021)

http://dspace.daffodilvarsity.edu.bd:8080/bitstream/handle/123456789/6567/151-35-1126%20%2818_%29.pdf?isAllowed=y&sequence=1

1% match (Internet from 05-Jan-2022)

http://dspace.daffodilvarsity.edu.bd:8080/bitstream/handle/123456789/5696/171-35-1904%20%2817_%29.pdf?isAllowed=y&sequence=1

1% match (Internet from 28-Jul-2020)

<http://docplayer.net/7645559-Syntech-solution-ltd-for-your-business-automation.html>

1% match (Internet from 05-Jan-2022) https://www.coursehero.com/file/99636462/Internship-report-162465docx/
1% match (student papers from 24-Jan-2017) Submitted to University of Technology, Sydney on 2017-01-24
1% match (Internet from 06-Nov-2018) http://sysdevltd.com/our-services/
1% match (Internet from 19-May-2020) https://biography.omicsonline.org/bangladesh/daffodil-international-university/mr-md-khaled-sohel-185330
< 1% match (student papers from 10-Apr-2018) Class: April 2018 Project Report Assignment: Student Project Paper ID: 944125363
< 1% match (student papers from 09-Apr-2018) Class: April 2018 Project Report Assignment: Student Project Paper ID: 943592609
< 1% match (Internet from 30-Jul-2020) http://dspace.daffodilvarsity.edu.bd:8080/handle/123456789/2805
< 1% match (Internet from 26-Mar-2021) http://dspace.daffodilvarsity.edu.bd:8080/bitstream/handle/123456789/2088/P13003%20%2821%25%29.pdf?isAllowed=y&sequence=1
< 1% match (Internet from 05-Jan-2022) http://dspace.daffodilvarsity.edu.bd:8080/bitstream/handle/123456789/5690/171-35-1846%20%2817%29.pdf?isAllowed=y&sequence=1

https://www.turnitin.com/newreport_printview.asp?eq=1&eb=1&esm=10&oid=1746870775&sid=0&n=0&m=2&svr=52&r=81.84377933987624&lang=en... 1/6

< 1% match (Internet from 08-Jul-2019) http://esdi.uaem.mx/index.php/estudiosdeldiscurso/comment/view/185/0/11679
< 1% match (Internet from 25-May-2019) http://vu.edu.bd/notice_panel/upload_downloads/Research_Guidelines_(MBA_Regular).pdf
< 1% match (Internet from 15-Sep-2020) https://yiion.com/blog/
< 1% match (Internet from 09-Dec-2021) https://projects.ow2.org/view/ocsinventory/omm3
< 1% match (Internet from 30-Aug-2021) https://www.studyeducation.org/study/system-development-life-cycle-controls
<p>Internship on Web Development by Luminous Labs Submitted by Md. Golam Mortuza 181-35-2380 Department of Software Engineering Daffodil International University. Supervised by <u>Mr. Md. Khaled Sohel Assistant Professor Department of Software Engineering Daffodil International University</u>. This report has been submitted in fulfillment of the requirements for the Degree of Bachelor of Science in Software Engineering, © All right Reserved by Daffodil International University. DECLARATION I am Golam Mortuza <u>hereby declare that the internship report entitled as</u> "Internship on Web Development of a "Luminous Labs" <u>is uniquely prepared by me after the completion of four months work at</u> Luminous Labs software company. My Internship period it is an original work <u>done by me under the supervision of</u> "Mr. Md. Khaled Sohel", <u>Assistant Professor: Department of Software Engineering</u>. The report is unique in that it <u>is not submitted anywhere for academic</u> purposes. <u>The data and information</u> mentioned here <u>are also collected and organized by</u> me. <u>I am solely responsible for any misrepresentation of information in this report. Finally, this report is submitted to the Department of Science and Information Technology, Faculty of Software Engineering, Daffodil International University, in part to meet the requirements for a Bachelor of Science degree.</u> Submitted by: Md. Golam Mortuza ID: 181-35-2380 Batch: 25 <u>Department of Software Engineering Daffodil International University</u> Certified by: <u>Mr. Md. Khaled Sohel Assistant Professor Department of Software Engineering Faculty of Science and Information Technology Daffodil International University</u>. ii <u>ACKNOWLEDGEMENT First of all, I am extremely grateful to Almighty God for giving me the opportunity to continue my studies in this epidemic year. I would like to pay my deepest respects to Mr. Md. Khaled Sohel, Assistant Professor, Department of Software Engineering, Faculty of Science</u></p>

Mr. Md. Khaled Sohail, Assistant [Professor, Department of Software Engineering, Faculty of Science and Information, Daffodil International University](#). Without [his guidance and](#) advice, the stages of the internship period would be quite difficult to overcome. At the same time, I would like to express my gratitude to all my colleagues at Luminous Labs. Thanks to Enlightened Labs for the opportunity. Special thanks to my HOD Tr. Shishir, who helped guide me through my career, has inspired me to use my knowledge and instructions on how to collect more. Finally, thanks to all the researchers, scholars, software engineers and people in all office colleague. iii SUMMARY This internship report highlights the work done by the author in terms of academic and software industry perspectives. The scope of this documentation is to analyze the author, the completed project and to describe the experience gained by working during this period as an intern. The duration of my four-month industrial internship program was with "Luminous Labs" where I was involved in web development, [all of which will be covered in this report. This report will cover some background information on the projects I was involved with, as well as details of how the projects were created and](#) the experiences I have gained during this time. This internship report contains most of the work overview that I did as an intern. To me, one of my most important accomplishments has been developing functionality using the laravel framework. [iv TABLE OF CONTENT Approval](#)

Declaration	i
Acknowledgement	ii
Summary	iii
Table of Content	iv
List of Task	v
Chapter 1: Introduction	viii
1 Overview	1
1 Origin of The report	2
Objectives of the Internship	2
2 Methodology	2
2 Primary Data Source	2
2 Secondary Data Source	2
2 Scope	2

https://www.turnitin.com/newreport_printview.asp?eq=1&eb=1&esm=10&oid=1746870775&sid=0&n=0&m=2&svr=52&r=81.84377933987624&lang=en... 2/6

3	
Limitation.....	
3 Chapter 2: Company Overview	
.....	4 Overview of Luminous
Labs.....	4
Organization Hierarchy for Software Development Role	
.....	4
Service.....	
5 Contact Details	
.....	5
Technology.....	
6 Rules and	
Regulations.....	
7	
Flexibility.....	
7 Semi-Formal Attitude	
.....	7 Office
Schedule.....	7
Chapter 3: My Internship at Go Luminous Labs	
8 Overview	
.....	
8 Internship	
Experience.....	
8 Recruitment	
.....	
8 Facilities Given to Interns	
.....	8 Evaluation
Process	
.....	8 v
Personal Expectations	
.....	9
Conclusion.....	
9 Chapter 4: Software Development Life Cycle Overview	
10 Software Development Life Cycle	
.....	10 My Work as Software
Developer Intern	11 Initiation
.....	11
Project Planning	

Conclusion.....	
9 Chapter 4: Software Development Life Cycle Overview	
10 Software Development Life Cycle	
..... 10 My Work as Software	
Developer Intern	11 Initiation
..... 11	
Project Planning	
..... 11 Tools and	
Technologies I used.....	11 My
Task	
.....	
12 Project description	
..... 12 Challenges	
..... 12	
Competition and Delivery	
12 Basic Task	
.....	
13 Registration	
..... 13 Login	
.....	
13 DT-Shop Backup Schema Design	
..... 14 Template Design	
..... 15 Shop	
.....	
15 Backup	
Files.....	16
Some Input Fields Design & Download System	
..... 16 Before	
Hook.....	
17 Hide of Stock Out Product	
..... 17 Make Zip File	
System	18
Product Price Increment	
..... 19 Check the	
terms and condition checkbox before checkout	20-21
Filtering.....	22-25 Select Multiple
Pages.....	26-27 vi Chapter 5: Experience and
Achievement.....	28 Notable
Experiences.....	
28 Formal Behavior	

https://www.turnitin.com/newreport_printview.asp?eq=1&eb=1&esm=10&oid=1746870775&sid=0&n=0&m=2&svr=52&r=81.84377933987624&lanq=en... 3/6

.....	28 Team Work
.....	28
Career	
Direction.....	28
Chapter 6:	
Conclusion.....	29 6.1
Concluding Statements	
.....	29 Chapter 7:
References	30 7.1
References.....	
30 Plagiarism	
Report.....	31 vii
LIST OF TASK Points Name of Task Page No. 4.4 Simple Login- Registration system using laravel 13	
4.5 DT-Shop Backup Schema Design 14-16 4.6 Some input fields & download system 16 4.7 Before	
hook using crud booster 17 4.8 Hide of stock out product 17 4.9 make zip file 18 4.10 Product price	
increment using helper function 19 4.11 Check the terms and condition checkbox before the checkout	
20-22 4.12 Filtering by Pages 22-25 4.13 Select multiple pages 26-27 viii CHAPTER 1:	
INTRODUCTION OVERVIEW Internship programs are designed to help students provide experience in	
a real-world environment. Internships help create a strong resume with a work experience that they	
can use to get started Although there is no standard period for how long an internship period should	
last, it is usually two to twelve months longer. During this time the interns get the opportunity to seek	
advice from seniors, explore explored work as well as learn how to use real-world experience from	
the university. To gain real life experience, to learn and develop relevant skills necessary at work, as	
well as to find permanent employment in hosts and various companies. Daffodil International	
University offers a "B.Sc" undergraduate program in software engineering. For this program one has	
to complete internship period with a reputed company where they will be practically trained with work	
environment practice and become familiar with the industry. For my internship program, I worked in	
the technology department At Luminous Labs where I completed a four-month internship. During the	
internship period, I had to learn how to communicate effectively with colleagues while working in the	
office or from home to develop systems according to the software development life cycle. ORIGIN OF	
THE REPORT To learn how the framework works, how to work with them, and how to develop them,	
this report focuses on most of the major projects that I had to create in the previous days in the	
office. It also focuses on my contributions to the organization and how it has developed my skill sets	
and how I applied those skills at the development stage as a developer. OBJECTIVES OF THE	
INTERNSHIP The main purpose of this internship report is to analyze the work that I have done as an	
intern and work part of the software development life cycle .The Other purposes are: o Introduction	
to the organization and the standards they follow o To get to know about the industry o Details of my	
responsibilities o My achievements as an intern o Details about the team I worked in o To get to know	
the industry standard coding style and follow them o To know how to solve problems as a team and	
as an individual o To go through the software development life cycle o Learning how to work in a team	
METHODOLOGY The information used in this report has been collected from both internal and external	

and services. Moreover, our team constantly works on developing and improving our service performance to satisfy our customers and maintain long-term cooperation with them. The company was founded by a team of enthusiastic IT specialists who wanted to overcome the routine and create a company that would act in the market not only for business success but for the sake of IT itself. Thus, the mission of the company was defined to contribute to forward looking transformation of the society through software development. We Provide Software Security & Software Development for Business automation, Business strategy development by adopting new technology which includes Web Based Application Development, Software & Android Apps Development and Internet Marketing Strategy Development along with any kind of Web Application design. Luminous Labs is a Software Development Company with a vision to provide enterprise solution to local and international organizations. ORGANIZATION HEIRARCHY FOR SOFTWARE DEVELOPMENT ROLE o CEO o Project Manager o Team Leader o Senior Software Developer o Software Developer o Junior Software Developer Other Roles: o Marketing Manager o HR SERVICE Web Application: Dynamic and responsive web Application for all kind of organizations. Mobile Application: Without wasting any more time just share your idea with us and let us make your dream application come true. Digital Marketing: Our Skilled and experienced SEO specialist and digital marketing experts are ready to work with you. Software Security: Learn about the privacy and customer support software security features of Team Support. IT Consulting: Best IT Support you will ever find. IT support technicians can work for software or hardware. CONTACT DETAILS o Company Name: Luminous Labs o Website: www.luminouslabsbd.com Address: Avenue 6, Road No-11, House 761/A, Mirpur-12(DOHS), Dhaka

https://www.turnitin.com/newreport_printview.asp?eq=1&eb=1&esm=10&oid=1746870775&sid=0&n=0&m=2&svr=52&r=81.84377933987624&lang=en... 4/6

1/24/22, 11:13 AM

Turnitin

1212 TECHNOLOGY Enlightened labs have to deal with a huge number of users every day. So, the system has to be top notch. And we use well-known and proven technology to develop the system to create a reliable and user-friendly system. The frameworks that Luminous Labs uses: o Laravel Languages that Luminous Labs uses: o Php o JavaScript o JQuery Databases: o MySQL Other Services: o Marketing Version Control: o Git RULES AND REGULATIONS Employees may violate prescribed policies. Breaking the rules disrupts the work flow and disrupts the work environment. FLEXIBILITY The company follows a semi-rigid framework of rules and regulations and violating the rules may go unpunished if it does not affect others. OFFICE SCHEDULE Flexible enough for employees during office hours. One should arrive at the office between 10.00 AM and 10.15 AM and should be at least 8 hours from the time of arrival. There are also prayers and lunch breaks. If someone has a emergency problem, leave is given. CHAPTER 3: MY INTERNSHIP AT LUMINOUS LABS OVERVIEW The purpose of our B.Sc program is to teach students and prepare them for the industry when they graduate. But the university cannot provide real life experience of working in any industry. That's why internship programs are useful. They not only provide a work platform but also teach office culture, industry standard coding. Internships help one to work as a team, learn best practices from senior team

all the members of the tech team were by my side. They also gave me a computer, internet connection. Coffee and lunch from the office and snacks were also provided by the office too.

EVALUATION PROCESS To hire me and keep track of my progress and help me overcome problems, a senior software developer was hired. At the initial stage I was given the requirements for the mini project I created. Since I was developing each feature, I was reporting work status. After getting acquainted with the technology and framework they are using, I was instructed to join the Luminous Labs web application and follow their strict guidelines.

PERSONAL EXPECTATIONS

- o Learning how software development life cycle works
- o Working as a team
- o Learning time management
- o Understanding the project properly
- o Learning office environment.

CONCLUSION During the internship, I have learned to manage time properly. Learned what it feels like to work as a software developer and how to work in the real life industry. Learned how to work in team. How to stay consistent with the team. Learned about new technologies and how to work with them.

CHAPTER 4: SOFTWARE DEVELOPMENT LIFE CYCLE OVERVIEW

SOFTWARE DEVELOPMENT LIFE CYCLE SDLC is an acronym for software development life cycle. It is basically a series of steps that provide a model for development and management of its life cycle. There are several SDLCs available for use and different companies use different models to suit their products. SDLC models divide the work phase into different parts. It helps developers to create an accurate plan for any system. SDLC has planning, analysis-like stages that give ample time to plan for the whole project. SDLC aims to create high quality systems that meet the requirements. It is really difficult to complete a project without following any SDLC method. Agile model is mostly used by big companies. Agile model on the other hand start with less strict guidelines and they adjust if necessary. This model is known for its ability to quickly adjust and change. The software development life cycle model usually has 6 stages. It is given below:

- o Requirements gathering and Planning
- o Analysis
- o Design
- o Implementation
- o Testing
- o Maintenance

Requirements gathering and planning: The main focus here is to properly collect project requirements from stakeholders and plan accordingly. During this period there are frequent meetings with managers, stakeholders and stakeholders. After collecting the requirements, planning for the project begins.

Analysis: At this stage it is necessary to analyze whether it is possible to create a system as required.

Design: Systems and software design are prepared according to the requirements at this stage. It helps to define the overall system architecture. At this stage UI / UX designers come up with guidelines and testers come up with testing techniques, where they specify what to test and how to test.

Implementation: Developers begin to develop features by coding according to design and this is the longest stage of the life cycle of software development.

Testing: This step confirms that the system is actually solving the problem for which it was created. Unit testing, integration testing, system testing, functional and non-functional requirements are all being examined in this phase.

Maintenance: After a system is created when users start using many problems occurs. Depending on the user feedback, many new bugs and new minor updates may be required. At this stage developers should take care of the system by updating it through patch updates. This is known as maintenance.

MY WORK AS WEB DEVELOPER INTERN INITIATION I was given a task to make a big project using Laravel Framework which will help me to get used to Laravel. This was in the early stage of my internship period. My senior developers evaluated the project and according to the client's requirement the microwave system would allow the work of various small functionalities and the

[illegible]

Account Clearance

Student Info

Name	Md. Golam Mortuza
ID	181-35-2380
Email	golam35-2380@diu.edu.bd

Payment Ledger Summary

Total Payable **687850**

Total Paid **687850**

Total Due **0**

Total Other **500**

Waiver / Scholarship calculation may vary the amounts

