

GIVE LIFE

BY

MD.NAHID

ID: 161-15-7282

MD.HAMIDUL ISLAM

ID: 161-15-7328

JANNATUL FARDAUS JARNA

ID: 161-15-6877

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

Supervised By

Md.Sadekur Rahman

Assistant Professor

Department of CSE

Daffodil International University

Co-Supervised By

Ms. Farah Sharmin

Senior Lecturer

Department of CSE

Daffodil International University



DAFFODIL INTERNATIONAL UNIVERSITY

DHAKA, BANGLADESH

OCTOBER 2020

APPROVAL

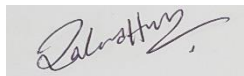
This Project titled GIVE LIFE submitted by Md.Nahid , Md.Hamidul Islam and Jannatul Fardaus Jarna to the Department of Computer Science and Engineering, Daffodil International University, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 7th October 2020.

BOARD OF EXAMINERS



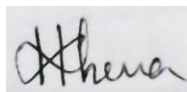
Dr. Syed Akhter Hossain
Professor and Head
Department of CSE
Faculty of Science & Information Technology
Daffodil International University

Chairman



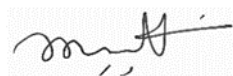
Md. Zahid Hasan
Assistant Professor
Department of CSE
Faculty of Science & Information Technology
Daffodil International University

Internal Examiner



Most. Hasna Hena
Assistant Professor
Department of CSE
Faculty of Science & Information Technology
Daffodil International University

Internal Examiner



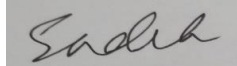
Dr. Mohammad Shorif Uddin
Professor
Department of Computer Science and Engineering
Jahangirnagar University

External Examiner

DECLARATION

We hereby declare that, this project has been done by us under the supervision of **Md.Sadekur Rahman, Assistant Professor, Department of CSE** Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

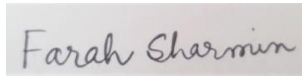
Supervised by:



Md.Sadekur Rahman

Assistant Professor
Department of CSE
Daffodil International University

Co-Supervised by:



Ms. Farah Sharmin

Senior Lecturer
Department of CSE
Daffodil International University

Submitted by:



Md.Nahid

ID: 161-15-7282
Department of CSE
Daffodil International University



Md.Hamidul Islam

ID: 161-15-7328
Department of CSE
Daffodil International University



Jannatul Fardaus Jarna

ID: 161-15-6877
Department of CSE
Daffodil International University

ACKNOWLEDGEMENT

First we express our heartiest thanks and gratefulness to almighty God for His divine blessing makes us possible to complete the final year project/internship successfully.

We really grateful and wish our profound our indebtedness to **Md.Sadekur Rahman, Assistant Professor**, Department of CSE Daffodil International University, Dhaka. Deep Knowledge & keen interest of our supervisor in the field of “Web Development” to carry out this project. His endless patience ,scholarly guidance ,continual encouragement , constant and energetic supervision, constructive criticism , valuable advice ,reading many inferior draft and correcting them at all stage have made it possible to complete this project.

We would like to express our heartiest gratitude to **Dr. Syed Akhter Hossain, Professor, and Head**, Department of CSE, for his kind help to finish our project and also to other faculty member and the staff of CSE department of Daffodil International University.

We 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 patience of our parents.

ABSTRACT

There are so many people out here who wants to help people but generally they cannot find a trustable place or site where they can donate. Besides what people donate it dose not reach to the people who really needs the donation.. People want to donate money, food, cloth etc. for needy people. They always try to find an easy way to donate. GIVE LIFE is an Online Donation Management based system. In this website people in Bangladesh can donate by siting at home. This website will encourage people to donate. In this website user can donate, view our work, check the amount raised for a particular event, contact us. The user also can see the transaction history. They can also join our volunteer team. There is also a blog section and a gallery about the work , User and people can read about it. To make a donation they have to fill-up a form, select the amount and then make the payment. User can easily make donation because of multiple options of payment method. We used html, css, JavaScript for the frontend of the website. We used a frontend framework bootstrap in the blog section of our project. In the backend we used php. To build the database we used MySQL.

TABLE OF CONTENTS

CONTENS	PAGE
Board of examiners	ii
Declaration	iii
Acknowledgements	iv
Abstract	v
CHAPTER	
Chapter 1 : Introduction	10-11
1.1 Introduction	10
1.2 Motivation	10
1.3 Objectives	10
1.4 Expected Outcome	11
1.5 Report Layout	11
Chapter 2 : Background	12-14
2.1 Introduction	12
2.2 Related works	12-13
2.3 Comparative Studies	14
2.4 Scope of the problem	14
2.5 Challenges	14

CONTENS	PAGE
Chapter 3 : Requirement Specification	15-20
3.1 Business Process Modeling	15
3.2 Requirement Collection and Analysis	16
3.3 Use Case Modeling and Description	16-17
3.4 Logical Data Model	17-19
3.5 Design Requirement	20
Chapter 4: Design Specification	21-26
4.1 Front-end Design	21-24
4.2 Back-end Design	25
4.3 Interaction Design and User Experience (UX)	25
4.4 Implementation Requirements	25-26
Chapter 5: Implementation and Testing	27-32
5.1 Implementation of Database	27-28
5.2 Implementation of Front-end Design	29-30
5.3 Testing Implementation	30-31
5.4 Test Results and Reports	32
Chapter 6: Conclusion and Future Scope	33
6.1 Discussion and Conclusion	33
6.2 Limitations	33
6.3 Scope for Further Developments	33
References	34
Appendices	35

List of Figures

FIGURES	PAGE
Figure 2.1: https://jaago.com.bd	12
Figure 2.2: https://www.bidyanondo.org	13
Figure 3.1: Business Process Model of the system	15
Figure 3.2 : Use Case diagram of the system	17
Figure 3.3 : Entity Relationship Diagram Of the system	20
Figure 4.1 Welcome page and Menu	21
Figure 4.2 Featured Causes section	21
Figure 4.3 :Gallery Section	22
Figure 4.4:Volunteer Form	22
Figure 4.5: Donation Form and Payment Gateway	23
Figure 4.6: Footer	23
Figure 4.7 Recent Transections	24
Figure 4.8: Contact With Us	24
Figure 4.9: Models of Give Life Project	25
Figure 5.1: Text Mode	29
Figure 5.2: Design Mode	30
Figure 5.3: Connection Code	31
Figure A.1: Directory file of project	36

List of Tables

TABLES	PAGE
Table 2 .1 : Comparing with existing websites	13
Table 3.1: Entities and Attributes	18
Table 3.2 : Attributes of Admin	18
Table3.3 : Attributes of Volunteer	18
Table 3.4 : Attributes of Contact	19
Table 3.5 : Attributes of Trans history	19
Table 5.1: Table of admin information	27
Table 5.2 : Table of Volunteer Information	27
Table 5.3: Table of Contact information	27
Table 5.4 : Table of transaction information	28
Table 5.5 : Testing Implementation Table	31

CHAPTER 1

Introduction

1.1 Introduction

Give Life is an online based donation system. This is a project which will solve the problem of Donating. We have tried to create a trustable online based donation website. We will give some better advantage than existing online platform. Our system will save time and this a very user friendly system.

1.2 Motivation

In today's world peoples are more comfortable to work from home. Bangladeshi people is not unlike them. Generally when someone wants to donate, he has to find out a trustable place to donate. He has to go there, do some research about their history and all. But with our website they can support people from home.

- Donate to support People.
- There are so many who wants to donate but cannot find the proper place to donate. Our motivation is to make a trustable place for donation.
- Our Website will collect donation from the people who wants to donate and reach the donation to the people who need the donation. Creating a connection is one of our motivation
- Then main motivation is help the people who need help.

1.3 Objectives

Our objectives are

- To encourage people to donate.
- To process our donations instantly into our payment account.
- To collect donor info straight into your database.
- Creating summaries of our donations and tell you how far you are to our goal.
- To make it easy to keep in touch with your donors through scheduled emails.

1.4 Expected Outcome

- By using this website user can donate easily.
- User can see our transaction history.
- User can also see our event details.
- User can join our volunteer team.
- User can Read about our work at blog section.
- User will receive notification about their Transaction.
- Admin can delete, edit, donate, mange the page.

1.5 Report Layout

- Chapter one: In chapter one there is a short overview of our project introduction, motivation, objectives and expected outcome.
- Chapter two: We will discuss about our research about our project.
- Chapter three: In this chapter, business process model, use case model, logical data model and discuss about data analysis and design will be described.
- Chapter four: Our frontend design and backend will be described in this chapter.
- Chapter five: In this chapter we will discuss about Tasting and implementation of database, test results and report and implementation of frontend design.
- Chapter six: Here Conclusion of project and future scope of the project is added.

CHAPTER 2

Background

2.1 Introduction

There are several technologies that are available in the market for developing a website but We used PHP in the backend of our project. PHP is a general purpose, server-side scripting language run a web server that's designed to make dynamic pages and applications. PHP as a web development option is secure, fast and a reliable that offers lots more advantages to make it accessible to a lot of people. PHP runs on platforms, such as, Windows, Linux, etc. Using PHP to create a is very simple because of the easy functions, methods, and syntax of this language. PHP also supports database management system and other open source databases. MySQL database was used to save data in database in our project.

2.2 Related Work

jaago.com.bd is a similar type of website. We researched about them and find out their problems. They are collecting money for their even but they do not provide any raised kind of amount for any event and they don't have any transection history.

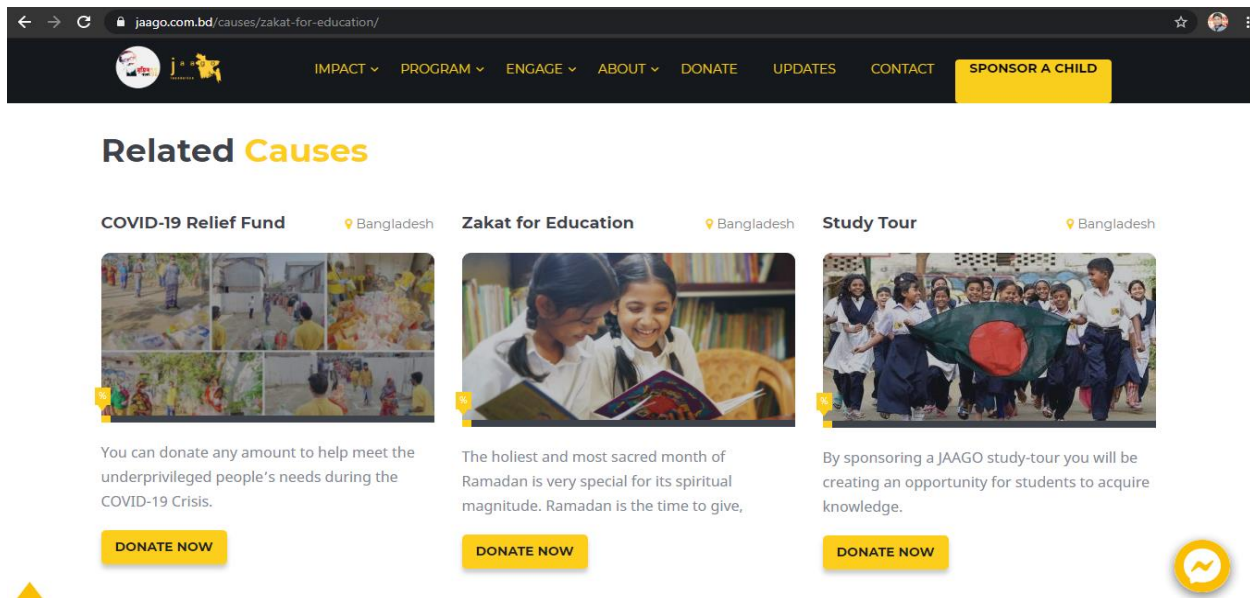


Figure 2.1: <https://jaago.com.bd>

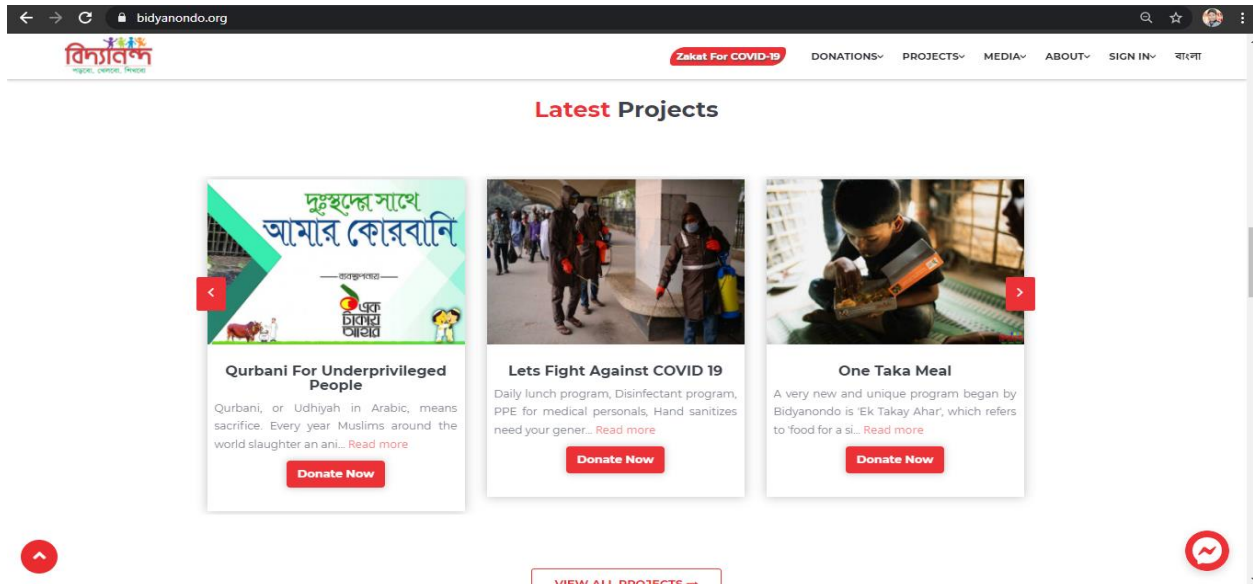


Figure 2.2: <https://www.bidyanondo.org>

bidyanondo.org is an another similar type of website. We researched about them also and find no raised amount and no transaction history. We solved this problems and our project will provide raised amount and recent transaction history

2.3 Comparative Studies

Providing advanced features from existing websites and making the system more trustable.

TABLE 2 .1 : Comparing with existing websites

Feature	Give Life	Jaago Foundation	Bidyanondo Foundation
Donation base	Yes	Yes	Yes
Raised amount for event	Yes	No	No
Recent Transaction History	Yes	No	No

2.4 Scope of the Problem

In our country people search for a trustable place to donate. Here we are providing the raised amount of donation and recent donation history for the user. So, it's a huge scope. This will be an easy way to donate staying home with faith.

2.5 Challenges

Our big challenge is to find out the problem in existing websites and solve them. Making easy the donation ,user friendly system ,fastest web application.

CHAPTER 3

Requirement Specification

3.1 Business Process Modeling

Business Process Modeling can be defined as a graphical representation of a system's business process or the workflow of the system. In order to create a business process model we need some graphical methods, diagrams, flowchart, data flow etc. A graphical representation can make a clear image of a system. After analysis we try to build a perfect business process model to give a clear idea about our project.

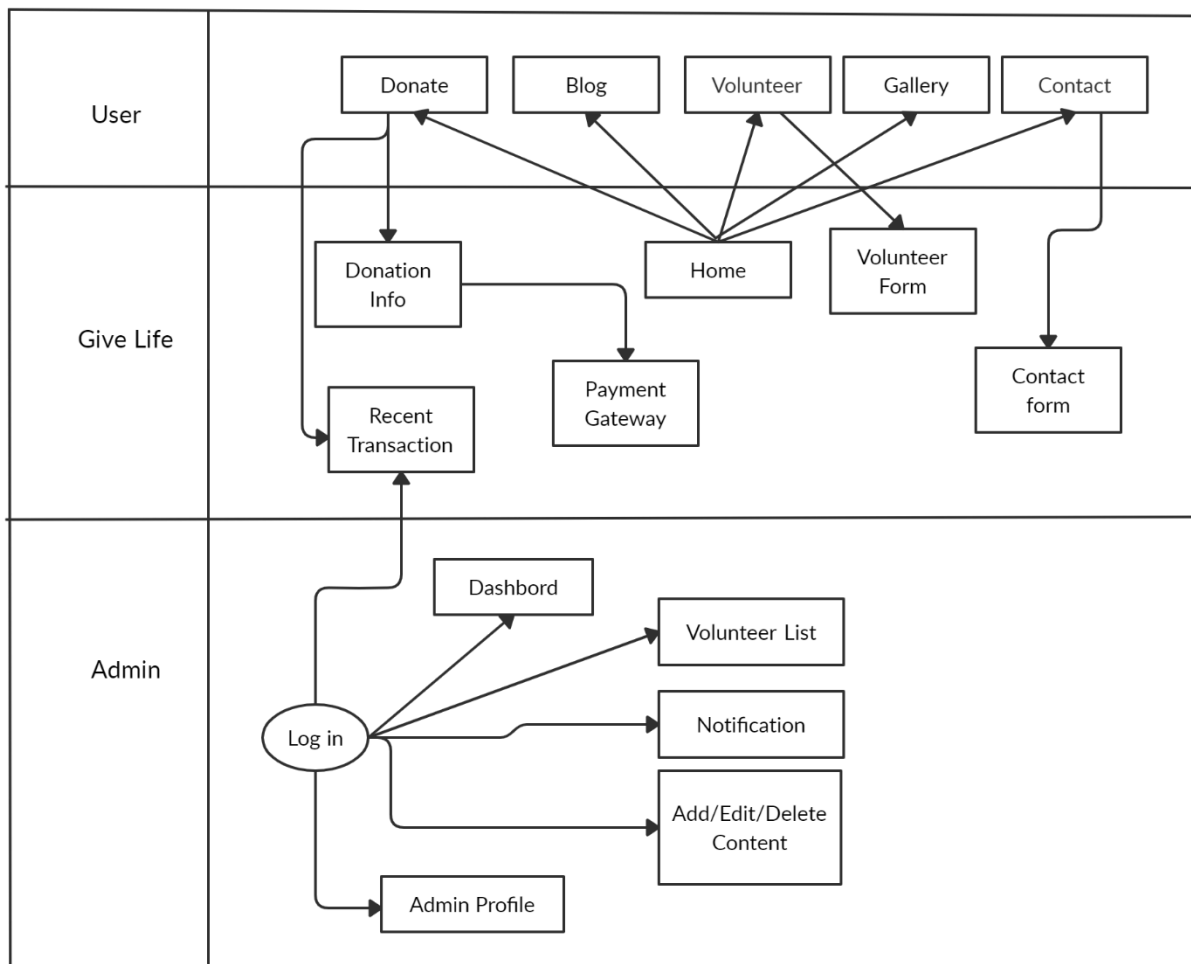


Figure 3.1: Business Process Model of the system

3.2 Requirement Collection and Analysis

Requirement collection is the most important part of developing a project. There are lots of way for requirement collection. But in our project we used some methodologies, given bellow

- **Survey :** From survey report we can find out what type of feature people want for an online based donation system. How we can make our system trustable for the user.
- **Interview :** We took interview for different types of user how they want to look an online based donation system. From the interview we find out the feature different from the existing similar types of websites.

3.3 Use Case Modeling and Description

Use case model is very important for a developing project. In order to requirements elicitation and graphical representation of system's requirements use case is an useful tool. It's a set of interaction between actor and system for a specific goal.

Use case contains a boundary, actors, use case and the relation between actors and use case. In our project we have a use case model and the reason for using use case model:

- To identify the goal
- To clarify the interaction of actor
- To organize system requirements

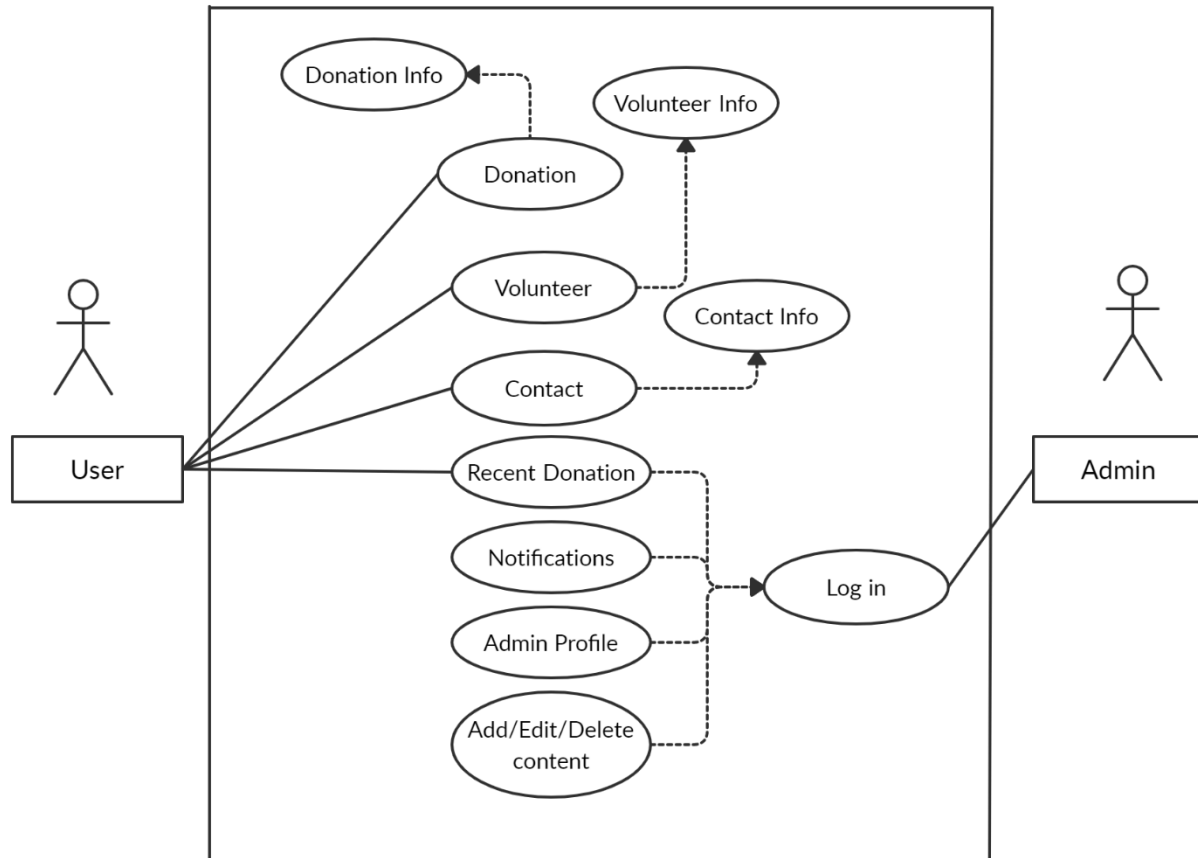


Figure 3.2: Use Case diagram of the system

3.4 Logical Data Model

For better development of our project we do analysis on data , data attribute and relation between data element . After the analysis we can figure out a ERD (Entity-Relationship Diagram) for our project. By which we can logically represent our project properly.

TABLE 3.1: Entities and Attributes

Entity Name	Attributes
Admin	Id,user_name,Email,Password
Volunteer	Id, Email, Name
Contact	Id, Email, Name
Trans_histroy	Name,Id,Email,Phone,Amount

Now we will describe attribute of different entity.

TABLE 3.2: Attributes of Admin

Name of attribute	Description
Id	Unique, automatically generated
User_name	Name of the admin
Email	Email of the admin
Password	Password of the admin

TABLE 3.3: Attributes of Volunteer

Name of attribute	Description
Id	Unique, automatically generated
Name	Name of user who want to be volunteer
Email	Email of user who want to be volunteer

TABLE 3.4: Attributes of Contact

Name of attribute	Description
Id	Unique, automatically generated
Name	Name of user who want to contact
Email	Email of user who want to contact

TABLE 3.5 : Attributes of Trans_history

Name of attribute	Description
Id	Unique, automatically generated
Name	Name of user who want to donate
Email	Email of user who want to donate
Phone	Phone number of donor
Amount	Amount given by donor

3.4.1 Entity Relationship Diagram

Entity Relationship Diagram or ERD is a diagram for logical representation of the developing project. We build a ERD and described our database entities and the relation with the tables. Using this ERD we clarify our project's representation and find out the relation between the attributes also.

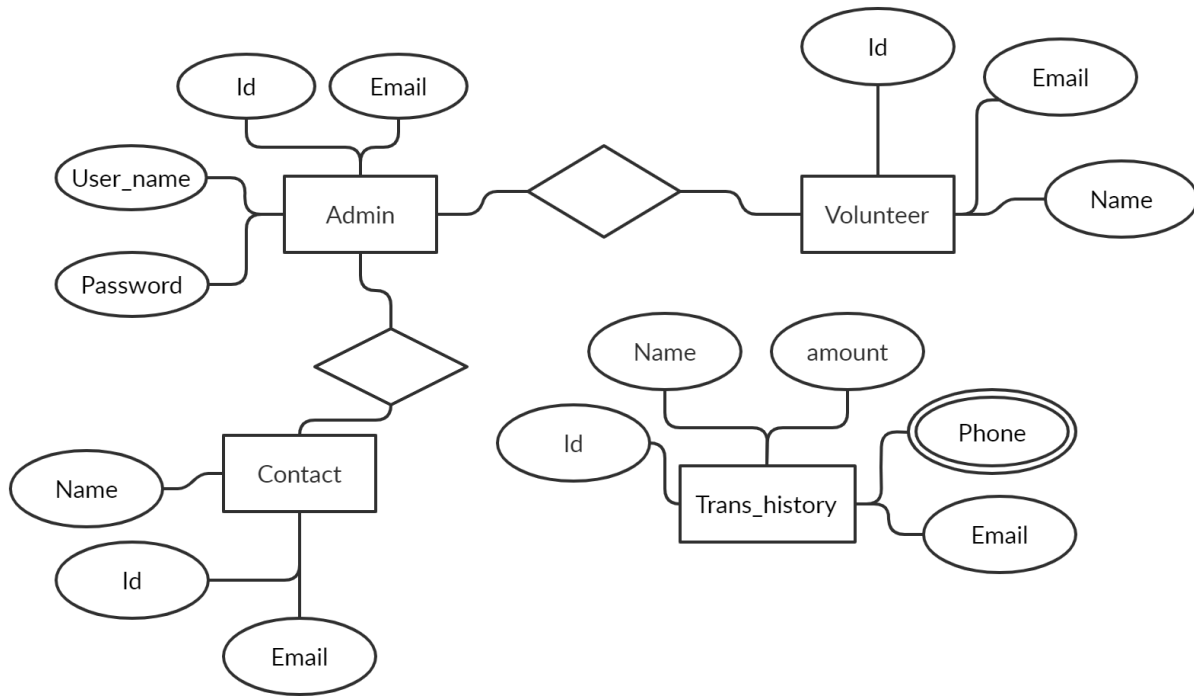


Figure 3.3 : Entity Relationship Diagram Of the system

3.5 Design Requirements

- HTML
- CSS
- Bootstrap
- Java script

CHAPTER 4

DESIGN SPECIFICATION

4.1 Front-end Design

As we said before we used html,css,javascript,bootstrap in order to design our front-end.

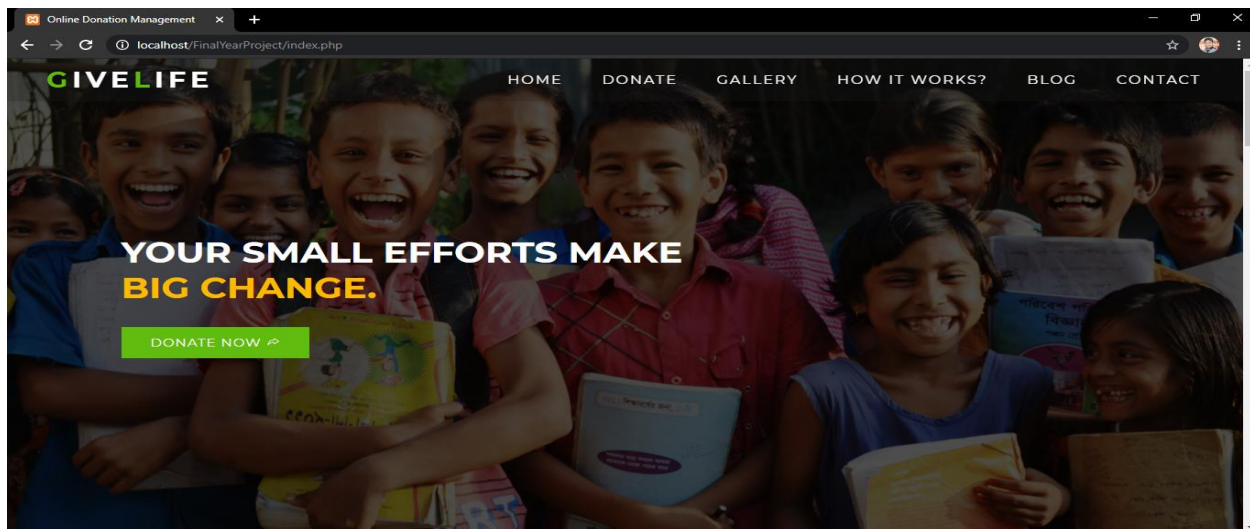


Figure 4.1: Welcome page and Menu



Figure 4.2: Featured Causes section



Figure 4.3: Gallery Section

A volunteer sign-up form titled "Be A Volunteer Today". The form is overlaid on a green-tinted background image of a group of people, likely volunteers, standing in a line with their arms around each other's shoulders. The form contains three input fields: "Enter your name", "Enter your email", and "Write your message". Below these fields is a yellow "SEND" button. The overall design is clean and modern, with a focus on community and volunteerism.

Figure 4.4: Volunteer Form

GIVELIFE HOME DONATE CAUSES GALLERY HOW IT WORKS? BLOG CONTACT

DONATION INFORMATION

How much would you like to donate?

Would you like to donate this to a specific campaign?

YOUR DETAILS

PROCEED TO PAYMENT

SEE RECENT DONATE

Pay With:

Figure 4.5: Donation Form and Payment Gateway

Figure 4.6: Footer

localhost/givelife/trans.php

GIVELIFE HOME DONATE CAUSES GALLERY HOW IT WORKS? BLOG CONTACT

Show 10 entries Search:

ID	AMOUNT	DONATE FOR	DONER NAME	DATE / TIME
1	1000	Education for child	Nahid Rahman	2020-09-19 11:47:39.000000
2	2000	Providing cloth people	Hamid	2020-09-19 11:50:15.000000
3	1000	Food forhungry people	Shila	2020-09-19 11:52:44.000000
4	2500	One time Donation	Emran	2020-09-19 11:54:03.000000
5	1500	Education for child	iqbal	2020-09-19 11:55:35.000000
6	5000	One time Donation	Faysal Fakir	2020-09-19 11:57:17.000000
7	3000	Providing cloth people	Mahin	2020-09-19 11:59:54.000000
8	500	Education for child	Mehedi	2020-09-19 12:01:26.000000
9	1000	Providing cloth people	Mamun	2020-09-19 12:03:27.000000
10	4000	Food forhungry people	Munir Hossain	2020-09-19 12:05:05.000000

Showing 1 to 10 of 10 entries Previous 1 Next

Figure 4.7: Recent Transections

GIVELIFE HOME DONATE CAUSES GALLERY HOW IT WORKS? BLOG CONTACT

Get In Touch

Enter your name

Enter your email

Subject

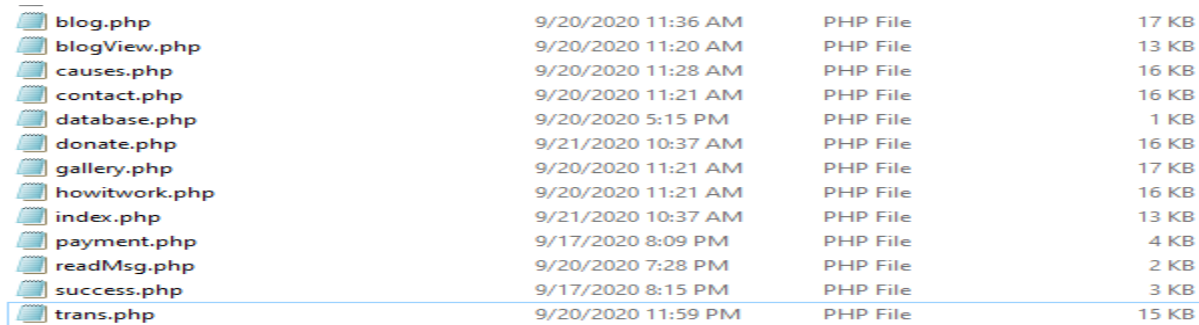
Write your massage

SEND

Figure 4.8: Contact With Us

4.2 Back-end Design

Back end design have a very important rule in our project. Our project is a sum of design and it's a dynamic system. Back end programming is a very important part of a system but user doesn't see. Back end design helps the system run in back end.

A screenshot of a file explorer window displaying a list of PHP files. Each row includes a file icon, the filename, the last modified date and time, the file type, and the file size. The files listed are: blog.php (17 KB), blogView.php (13 KB), causes.php (16 KB), contact.php (16 KB), database.php (1 KB), donate.php (16 KB), gallery.php (17 KB), howitwork.php (16 KB), index.php (13 KB), payment.php (4 KB), readMsg.php (2 KB), success.php (3 KB), and trans.php (15 KB). The 'trans.php' file is highlighted with a blue border.














	blog.php	9/20/2020 11:36 AM	PHP File	17 KB
	blogView.php	9/20/2020 11:20 AM	PHP File	13 KB
	causes.php	9/20/2020 11:28 AM	PHP File	16 KB
	contact.php	9/20/2020 11:21 AM	PHP File	16 KB
	database.php	9/20/2020 5:15 PM	PHP File	1 KB
	donate.php	9/21/2020 10:37 AM	PHP File	16 KB
	gallery.php	9/20/2020 11:21 AM	PHP File	17 KB
	howitwork.php	9/20/2020 11:21 AM	PHP File	16 KB
	index.php	9/21/2020 10:37 AM	PHP File	13 KB
	payment.php	9/17/2020 8:09 PM	PHP File	4 KB
	readMsg.php	9/20/2020 7:28 PM	PHP File	2 KB
	success.php	9/17/2020 8:15 PM	PHP File	3 KB
	trans.php	9/20/2020 11:59 PM	PHP File	15 KB

Figure 4.9: Models of Give Life Project

4.3 Interaction Design and UX

In our project we focus on usable, accessible, useful, findable, valuable, desirable, and credible on our project by technology like bootstrap, css, js and html. By making comfortable design our project fulfil requirement desirable, every design work properly so this is usable and every information what we take are useful and valuable. Our website is accessible.

4.4. Implementation Requirements

Implementation requirements for frontend

Our project is a web based donation system. So, at first we need to build the web. So, first requirement is Sublime Text to develop the web.

Implementation requirements for backend

- To store the data we used MySQL as database.
- To host we used Server and Host

Implementation requirements Summary

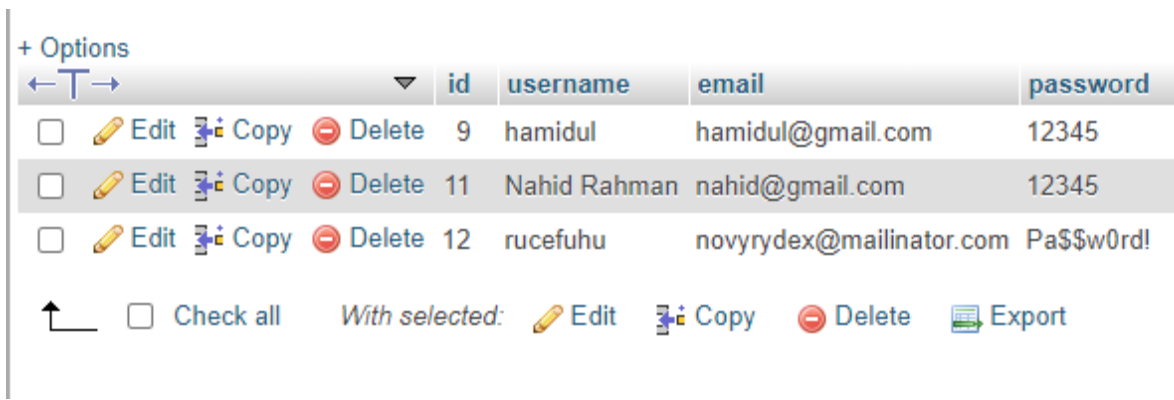
- HTML
- CSS
- Java Script
- PHP
- MySQL

CHAPTER 5

Implementation and Testing

5.1 Implementation of Database

In our project we use MySQL as a database in order to store data. MySQL database management system is an open source relational database. MySQL is most popular now a days. It creates and stores and manipulates data and defines the relationship of each table.



+ Options					id	username	email	password
<input type="checkbox"/>				Edit	9	hamidul	hamidul@gmail.com	12345
<input type="checkbox"/>				Edit	11	Nahid Rahman	nahid@gmail.com	12345
<input type="checkbox"/>				Edit	12	rucefuhu	novrydex@mailinator.com	Pa\$\$w0rd!
<input type="checkbox"/> Check all				With selected:				

TABLE 5.1: Table of admin information

+ Options

</

TABLE 5.2 : Table of Volunteer Information

Options

				id	name	email	subject	msg	status	date
<input type="checkbox"/>				33	Maggy Wright	kogi@mailinator.com	Ex qui excepturi rep	Dicta cupiditate sin	1	2020-09-20 20:33:29
<input type="checkbox"/>				34	Scott Gibbs	pyboxocuka@mailinator.com	Ex qui neque ratione	Nobis atque ut et co	1	2020-09-20 20:34:47
<input type="checkbox"/>				35	Cheyenne Owen	boryqixe@mailinator.com	Et voluptatem dolore	Neque magni sint a	1	2020-09-20 21:08:22
<input type="checkbox"/>				36	Vivien Riddle	pezi@mailinator.com	Quasi perferendis la	Aliqua Sint ex aper	1	2020-09-20 21:19:29

☐ Check all With selected: Edit Copy Delete Export

TABLE 5.3: Table of Contact information

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

+ Options

Edit

Copy

Delete

1

1000

Education for child

Nahid Rahman

nahid15-7282@diu.edu.bd

01858646866

2020-09-19 11:47:39.000000

SSLCZ_5f659b34ecf50

VISA-City Bank

1

Edit

Copy

Delete

2

2000

Providing cloth people

Hamid

hamid@gmail.com

01858759545

2020-09-19 11:50:15.000000

SSLCZ_5f659bd1a87fa

DBBLMOBILEB-Dbbl Mobile Banking

1

Edit

Copy

Delete

3

1000

Food forhungry people

Shila

Shila@outlook.com

01674040000

2020-09-19 11:52:44.000000

SSLCZ_5f659c66eae39

BKASH-BKash

1

Edit

Copy

Delete

4

2500

One time Donation

Emran

emran@gmail.com

01858648520

2020-09-19 11:54:03.000000

SSLCZ_5f659cb5308be

CITYBANKIB-City Bank

1

Edit

Copy

Delete

5

1500

Education for child

iqbal

iqbal@gmail.com

01214554445

2020-09-19 11:55:35.000000

SSLCZ_5f659d121afcb

IBBL-Islami Bank

1

Edit

Copy

Delete

6

5000

One time Donation

Faysal Fakir

faysal@gmail.com

01858642866

2020-09-19 11:57:17.000000

SSLCZ_5f659d77901c0

BANKASIA-Bank Asia Internet Banking

1

Edit

Copy

Delete

7

3000

Providing cloth people

Mahin

mahin@gmail.com

01858642866

2020-09-19 11:59:54.000000

SSLCZ_5f659e14861c9

BKASH-BKash

1

Edit

Copy

Delete

8

500

Education for child

Mehedi

mehedi@gmail.com

01858759545

2020-09-19 12:01:26.000000

SSLCZ_5f659e711bf8c

BKASH-BKash

1

Edit

Copy

Delete

9

1000

Providing cloth people

Mamun

mamun@gmail.com

01858648520

2020-09-19 12:03:27.000000

SSLCZ_5f659ee9e64e0

BKASH-BKash

1

Edit

Copy

Delete

10

4000

Food forhungry people

Munir Hossain

munir@gmail.com

01214554445

2020-09-19 12:05:05.000000

SSLCZ_5f659f4b0dc5b

BKASH-BKash

1

Edit

Copy

Delete

11

5000

One time Donation

Sagor

sagor@gmail.com

01214554445

2020-09-19 12:06:31.000000

SSLCZ_5f659fa17bf2f

DBBLMOBILEB-Dbbl Mobile Banking

1

Edit

Copy

Delete

12

2000

Food forhungry people

Sourav

sourav@gmail.com

01858642866

2020-09-19 12:07:46.000000

SSLCZ_5f659fed139a4

ABBANKIB-AB Bank

1

Edit

Copy

Delete

13

100

Providing cloth people

Alfreda Nash

xosyjosig@mailinator.com

01747433266

2020-09-19 12:17:47.000000

SSLCZ_5f65a2458fb9a

AMEX-City Bank

1

Edit

Copy

Delete

14

100

Education for child

nahid

nahid@gmail.com

01747433266

2020-09-20 23:41:38.000000

SSLCZ_5f67940730468

DBBLMOBILEB-Dbbl Mobile Banking

1

Edit

Copy

Delete

15

20

Education for child

hello

hello@gmail.com

01858759545

2020-09-21 10:39:30.000000

SSLCZ_5f682e399c1f8

BKASH-BKash

0

Edit

Copy

Delete

16

10

Food forhungry people

Cheyenne Owen

hello@gmail.com

01747433266

2020-09-21 10:42:30.000000

SSLCZ_5f682eed675e0

DBBLMOBILEB-Dbbl Mobile Banking

0

Edit

Copy

Delete

17

5

Providing cloth people

Rashad Merrill

emran@gmail.com

01214554445

2020-09-21 10:45:18.000000

SSLCZ_5f682f95dc714

BKASH-BKash

0

Check all

With selected:

Edit

Copy

Delete

Export

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

TABLE 5.4: Table of transaction information

5.2 Implementation of Front-End Design

For our font end developing we used HTML, CSS, Bootstrap and JavaScript to make the website and web app designs created by web designers. Sample file for one design is given below:

```
File Edit Selection Find View Goto Tools Project Preferences Help
index.php.php x donate.php.php x contact.php.php x
558 </head>
559 <body>
560
561 <!-- header section-->
562
563 <section id="header">
564   <div class="header container">
565     <div class="nav-bar">
566       <div class="brand">
567         <a href="#hero"><h1><span>G</span>IVE<span>L</span>IFE</h1></a>
568       </div>
569       <div class="nav-list">
570         <div class="hamburger"><div class="bar"></div></div>
571         <ul>
572           <li><a href="index.php" data-after="HOME">HOME</a></li>
573           <li><a href="donate.php" data-after="DONATE">DONATE</a></li>
574           <li><a href="causes.php" data-after="CAUSES">CAUSES</a></li>
575           <li><a href="gallery.php" data-after="GALLERY">GALLERY</a></li>
576           <li><a href="howitwork.php" data-after="HOW IT WORKS?">HOW IT WORKS?</a></li>
577           <li><a href="blog.php" data-after="BLOG">BLOG</a></li>
578           <li><a href="contact.php" data-after="CONTACT">CONTACT</a></li>
579         </ul>
580       </div>
581     </div>
582   </section>
583
584 <!-- end header section-->
585
586 <!-- donate -->
587
588 <section id="donate">
589   <div class="donate donate-container">
590     <form method="POST" action="payment.php">
591       <input type="hidden" name="amount" value="<?php echo $amount?>">
592       <input type="hidden" name="campaign" value="<?php echo $campaign?>">
593       <input type="hidden" name="name" value="<?php echo $name?>">
594       <input type="hidden" name="email" value="<?php echo $email?>">
595       <input type="hidden" name="phone" value="<?php echo $phone?>">
596
597       <div class="donate-form">
598         <h1>Donation Information</h1>
599         <div>
600           <h2>How much would you like to donate?</h2>
601         </div>
602       </div>
603     </form>
604   </div>
605 </section>
```

Figure 5.1: Text Mode

GIVELIFE

HOME DONATE CAUSES GALLERY HOW IT WORKS? BLOG CONTACT

DONATION INFORMATION

How much would you like to donate?

Amount

Would you like to donate this to a specific campaign?

One Time Donation

YOUR DETAILS

Enter your Name

Enter your Email

Enter your Phone no (01858XXXXXX)

PROCEED TO PAYMENT

SEE RECENT DONATE

Pay With

VISA MASTERCARD AMERICAN EXPRESS DISCOVER JCB Diners Club UnionPay Alipay WeChat Pay Apple Pay Google Pay Samsung Pay PayPal Venmo Cash App Bitcoin Ethereum Litecoin Dogecoin Monero Zcash Bitcoin Cash Bitcoin SV Bitcoin Gold Bitcoin Diamond Bitcoin Private Bitcoin Unlimited Bitcoin Classic Bitcoin SV Bitcoin Gold Bitcoin Diamond Bitcoin Private Bitcoin Unlimited Bitcoin Classic

Powered by

SSL CERTIFICATE

Figure 5.2: Design Mode

5.3 Implementation of Interactions

This project has two layers –

- i. View layer: Which is user screen.
- ii. Database layer: Where data is stored.

Every event in the user interactions is having a code behind it.

```
<?php
$server_name = "localhost";
$db_username = "root";
$db_password = "";
$db_name = "online_donation_management";

try{
    $conn = new PDO("mysql:host=$server_name;dbname=$db_name", $db_username, $db_password);
    $conn->setAttribute(PDO::ATTR_ERRMODE,PDO::ERRMODE_EXCEPTION);
}
catch(PDOException $e)
{
    echo "CONNECTION FAILED:" . $e->getMessage();
}
?>
```

Figure 5.3: Connection Code

5.4 Testing Implementation

Quality assurance is concern with the product quality. It's to gain insight and confidence that product quality is meeting its goal. So, to meet the quality of a product, it's need to test the product again and again using different testing techniques and identify problems to solve them.

TABLE 5.5 : Testing Implementation Table

Test Case	Test Input	Expected Outcome	Obtained Output	Status	Test Date
Admin Log In	Email, Password.	Fill all the fields	Have to fill and match email & password	PASS	20-09-2020
Admin Log In	Email, Password.	Fill all the fields	Email and password invalid!	FAIL	20-09-2020
Donation Form	Amount, Specific campaign, Name, Email, Phone.	Fill all the fields	Please fill out this field.	PASS	20-09-2020
Contact Form	Name, Email, Subject, Message.	Fill all the fields	Please fill out this field.	PASS	20-09-2020
Volunteer Form	Name, Email, Message.	Fill all the fields	Please fill out this field.	PASS	20-09-2020

5.5. Test Results and Reports

Test cases taken from important form used in our project, there used some validation for user input. This test result tests according to data security, data vulnerability, data isolation, data accuracy.

- **Test case:** The purpose of the test. The lists can be generated to perform intended task, for which software is developed. Results should always follow the test case objective.
- **Test Input:** The choice of input data will be depended on the test case itself and the technique followed in the test case.
- **Expected outcome:** It can be the user required output to be shown.
- **Obtained output:** This step should do a comparison of the expected and actual results to highlight any differences.
- **Status:** Whether expected results and actual result match, if it matches then PASS or else FAIL.
- **Date:** Date of test.

CHAPTER 6

CONCLUTION AND FUTURE SCOPE

6.1 Discussion and conclusion

During the development of the project we gained a lots of knowledge about social resposiblity. We worked together and gather what we know. After a long hard work finally we can say that our online based donation system Give Life is an easy to use, able to trust, recommended for the people who wants to help people. At the end we can also say that this website will help both sides of people who wants to help and who needs help.

Now, at the end we will be successful if our website become useful for people.

6.2 Limitations

As we developed our project depending on some requirements. We have some limitation also in this projects. Limitation are given below

- In our system only admin can manage post, user can not manage posts.
- User can not comment on blog post.

6.2 Scope for Further Developments

There are so many scope in further development .For example

- User log in/sign up
- User post add/edit/delete
- Maintain hardest security

REFERENCES

- [1] Business Process Modeling Techniques with Examples. Retrieved from
<<<https://creately.com/blog/diagrams/business-process-modeling-techniques/>>>
- [2] Business Process Modeling Techniques with Examples. Retrieved from
<<<https://creately.com/blog/diagrams/business-process-modeling-techniques/#flowchart>>>
- [3] Gemino, A. and Parker, D. "Use Case Diagrams in Support of Use Case Modeling." Journal of Database Management, 20(1), pp.1-24. December 2009.
- [4] Retrieved from <http://www.test.com/>
- [5] UML - Activity Diagrams. Retrieved from
<<https://www.tutorialspoint.com/uml/uml_activity_diagram.htm>>

Appendices

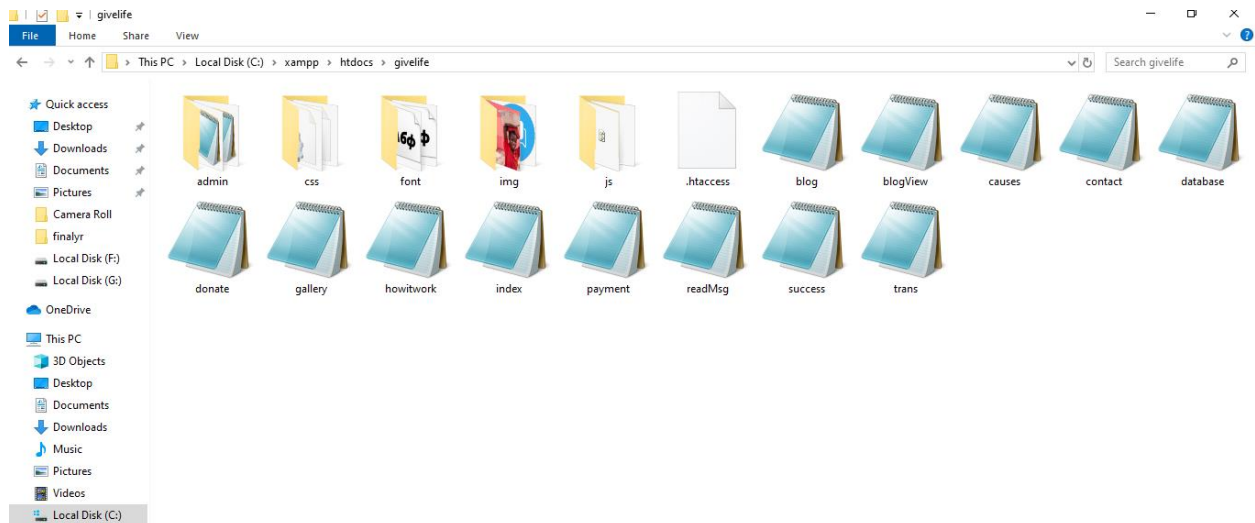


Figure A.1: *Directory file of project*

Give Life

ORIGINALITY REPORT

19%	18%	2%	12%
SIMILARITY INDEX	INTERNET SOURCES	PUBLICATIONS	STUDENT PAPERS

PRIMARY SOURCES

1	Submitted to Daffodil International University Student Paper	4%
2	dspace.daffodilvarsity.edu.bd:8080 Internet Source	4%
3	einterviewquestions.com Internet Source	2%
4	www.wildapricot.com Internet Source	2%
5	jitstechnologies.com Internet Source	2%
6	www.scribd.com Internet Source	1%
7	Submitted to Tshwane University of Technology Student Paper	1%
8	Submitted to Institute of Management Technology Student Paper	1%
9	Submitted to Higher Education Commission	