

CI Platform (Community Investment)

A Project Report

Submitted by

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In partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

In

Computer Engineering

L. D. College of Engineering, Ahmedabad



Gujarat Technology University, Ahmedabad
April, 2023



L. D. College of Engineering
Opp Gujarat University,
Navrangpura, Ahmedabad - 380015 GJ IN

CERTIFICATE

This is to certify that the project report submitted along with the project entitled **CI Platform** has been carried out by **Anand Alpeshbhai Chavda** under my guidance in partial fulfilment for the degree of Bachelor of Engineering in Information Technology, 8th Semester of Gujarat Technological University, Ahmedabad during the academic year 2022-23.

Prof. Hitesh Rajput

Internal Guide

Dr. Chirag S. Thaker

Head of the Department



Outsourcing • Custom Software Development • Web Application & eBusiness Solution

HR/TS/0423
Date: 18th April 2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Anand Alpeshbhai Chavda was selected from L. D. College of Engineering in Campus for internship in accordance with the college's policy.

Details of the project is as under

Project technology: .NET

Project name – CI Plateform

Start Date: 23-Jan-23

End Date: 25-Apr-23

For TatvaSoft

A handwritten signature in blue ink, appearing to read 'Poorna', with a horizontal line drawn underneath it.

Authorized Signatory

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Navrangpura, Ahmedabad - 380015 GJ IN

DECLARATION

We hereby declare that the Internship report submitted along with the Internship entitled **.NET Trainee** submitted in partial fulfilment for the degree of Bachelor of Engineering in Computer Engineering to Gujarat Technological University, Ahmedabad, is a Bonafede record of original project work carried out by me at Tatvasoft under the supervision of Prof. Hitesh Rajput and that no part of this report has been directly copied from any students' reports or taken from any other source, without providing due reference.

Anand Alpeshbhai Chavda

Name of the Student

Sign of Student

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I am thankful to my guide who is the real source of inspiration and encouragement. His constant help, thoughtful suggestions and deep interest has enabled me to make this project successful. I also express my sincere thanks to our H.O.D, who allowed to use all the resources of the institute.

I am thankful to all our staff members who helped continuously and inspired me in the project.

Yours sincerely,
Anand Alpeshbhai Chavda
(190280107021)

ABSTRACT

Project Abstract:

CI (Community investment) platform can also be called an employee volunteer program, workplace volunteer program, corporate volunteer program, company volunteer program, and other iterations. These programs are typically built to support a company's larger corporate social responsibility program (CSR) or community engagement program or community investment program. Companies may have specific reasoning for building such platforms like building a positive brand reputation or increasing employee engagement in the community.

Project Keyword: Community Social Investment, ASP .NET Core, Microsoft SQL Server, C#

OVERVIEW OF THE COMPANY

1.1 About Company

Tatvasoft is a Consummate Custom Software Development company delivering splendid business IT Solutions and related services to customers across the globe. Its development services are led by our dedicated and passionate team to provide best industry practices combined with technology expertise and business domain knowledge to drive digital transformation. Its proficiency in understanding business challenges and professional competence allows us to create a better experience for our customers.

Tatvasoft have emerged and marked their presence in different continents by providing software development services to all major Industry Domains.

1.2 Different product/ scope of work

It provides the work in many fields like Smart City, Organ Transplant Care, Learning Management System, School Management System, Online Learning for Schools, Forex Solution, Insurance Transportation and Language Services, Records Management System, Law Enforcement Application, ERP Solutions etc.

The famous work that company had done are Anglo-American, Macquarie University, FIJI Airways, Brightstar, SSE, mayflower, Xerox, PepsiCo, KFC etc.

1.3 Services

Tatvasoft provides services in the following fields: Web Development, Dedicated Development Team, Product Development, Ecommerce Development, Custom Software Development, Mobile Apps Development, Software Testing & QA, UI/UX Design.

1.4 Capacity of Plant

It has a capacity of approx. 1500 employees.

OVERVIEW OF DIFFERENT DEPARTMENTS

2.1 List the technical specifications of major equipment used in each department.

Backend

- Java
- Node JS
- PHP
- ROR
- .NET

Frontend

- Angular
- React
- Vue.js

Database

- Microsoft SQL Server
- PostgreSQL
- Elasticsearch
- MySQL
- mongo DB
- Cassandra
- Oracle

Clouds & DevOps

- AWS
- Google Cloud
- Docker
- Jenkins
- Kubernetes

- Azure

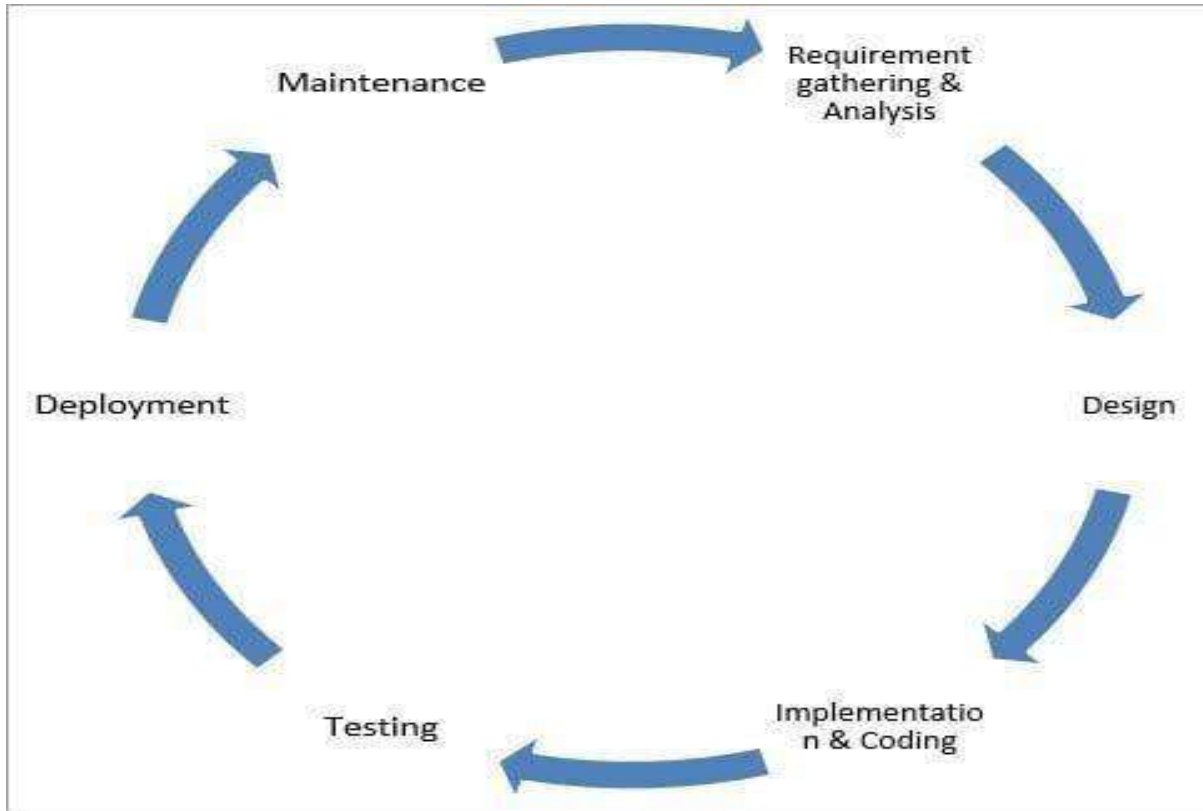
Mobile

- IOS
- Android
- React Native
- Flutter
- Xamarin

2.2 Prepare schematic layout which shows the sequence of operation for manufacturing of product

The production is carried out in following steps

1. Planning
2. Analysis
3. Design
4. Implementation
5. Testing and Integration
6. Maintenance



2.3 Explain in detail about each stage of production

1) Requirement Gathering and Analysis

We have collected all the information regarding the project. Once requirement gathering is done, an analysis is done to check the feasibility of the development of a product. Once the requirement is clearly understood, the SRS (Software Requirement Specification) document is created. This document should be thoroughly understood by the developers and also be reviewed by the customer.

2) Design

In this phase, the requirement gathered in the SRS document is used as an input and software architecture that is used for implementing system development is derived. We have designed all the public pages like homepage, FAQ Page, contact

us page, about us page, login page, signup page etc. through HTML, CSS and JavaScript.

3) Implementing or Coding

Implementation/Coding started according to the requirement. The Software design is translated into source code. All the components of the software are implemented in this phase.

Php, jQuery, etc. are used for implementation. We used MVC Structure for implementation.

4) Testing

Testing starts once the coding is complete and the modules are released for testing.

In this phase, the developed software is tested thoroughly, and any defects found are assigned back to get them fixed. Testers refer to SRS documents to make sure that the software is as per the customer's standard.

5) Deployment

Once the product is tested, it is deployed in the production environment or first [UAT \(User Acceptance testing\)](#) is done depending on the customer expectation.

6) Maintenance

After the deployment of a product to the production environment, maintenance of the product, i.e., if any issue comes up and needs to be fixed or any enhancement is to be made, is taken care of by the developers.

INTRODUCTION TO PROJECT

3.1 Project Summary

CI (Community investment) platform can also be called employee volunteer program, workplace volunteer programs, corporate volunteer programs, company volunteer programs, and other iterations. These programs are typically built to support a company's larger corporate social responsibility program (CSR) or community engagement program or community investment program. Companies may have specific reasoning for building such platforms like building a positive brand reputation or increasing employee engagement in the community.

- **Users:**

Users can enter their details and join the platform.

- **Service Providers:**

These are the main users of the portal. They provide many of the missions in all over the world .it connects with many countries. They help those people who are enthusiastic about volunteering.

- **Administration users (Administrators):**

Admin or Backoffice users would be helping people or service providers through the admin interface. For example, if any customer is having trouble cancelling or rescheduling the service request then admin can help using the admin interface.

3.2 Purpose

The main purpose of this project is to first of all try to bring the service work online. Here users simply apply the service missions and got the service at time and the service providers can get the mission details and can easily provide the mission details So here all process become very easy and, we can get the work as per our interest in the social worker. All the things become digital so we can get the perfect record of all things and have less chance of any issues.

3.3 Objective

- Experienced and vetted professionals dominate the industry in scale and scope with an adaptable, extensive network that consistently delivers exceptional results.
- Every volunteer to our community is insured and seeks to provide exceptional services and engage in proactive behavior.
- Admins provide the best services for social workers who are enthusiastic for social volunteering to be a part of our community.
- Secure user details and easy to process online. main objective that we provide best community services in online platform.

3.4 Scope

Our software is easy to use for both beginners and advanced users.

It features a familiar and well thought-out, an attractive user interface, combined with strong search insertion.

➤ Some Features-:

- Insured best missions
- Easy to apply Procedure
- Friendly users Service
- Secure Online Method

- Friendly appropriate behavior
- Transparent and Secure application

3.5 Technology and Literature Review

1) Literature Review/Background Study

We study all the existing system, and they also provided the features for this project

Also, many users faced problems regarding the user-friendly system.

However, we got the idea to provide the service with extra features and a more user-friendly way.

2) Technology

The front end used in our project is jQuery, HTML, JavaScript and CSS, and the back end used is MySQL. We will follow the Iterative model for developing this Project and the whole Project will be developed using the SDLC (Software Development Life Cycle) scenario.

3) HTML

HTML an initialization of Hyper Text Markup Language for web pages. It provides a means to describe the structure of text-based information in a document by denoting text as headings, paragraphs, lists, and so on and to supplement that text with interactive forms, embedded images, and other objects.

4) JavaScript

JavaScript supports the development of both client and server components of applications. On the client side, it can be used to write

programs that are executed by a web browser within the context of the web page. On the server side, it can be used to write web server programs that can process information submitted by a web browser and then update the web browser display accordingly.

5) SQL

SQL (Structured Query Language) is a special-purpose programming language designed for managing data held in a relational database management system (RDBMS).

Originally based upon relational algebra and tuple relational calculus, SQL consists of a data definition language and a data manipulation language.

The scope of SQL includes data insert, query, update and delete, schema creation and modification, and data access control. Although SQL is often described as, and to a great extent is, a declarative language, it also includes procedural elements.

Data Definition: Defining tables and structure in the database.

Data manipulation: Used to manipulate the data within those schema objects.

6) .NET

.NET 6 unifies the SDK, base libraries, and runtime across mobile, desktop, IoT, and cloud apps. In addition to this unification, the.

.NET 6 ecosystem offers: Simplified development: Getting started is easy.

Features

- .NET Core MVC and Razor improvements.
- .NET Core Performance and API improvements.
- SignalR performance improvements.
- Razor compiler updated to use source generators.
- Razor compiler no longer produces a separate views assembly.
- Reduce the size of System.IO.Pipelines.pipe from 368 bytes to 264 bytes. For every connection that is established, two pipes are allocated in Kestrel.

3.6 Project Planning

Project Planning is concerned with identifying and measuring the activities, milestones and deliverables produced by the project. Project planning is undertaken and completed sometimes even before any development activity starts. Project planning consists of following essential activities:

- ❖ Scheduling manpower and other resources needed to develop the system.
- ❖ Staff organization and staffing plans.
- ❖ Risk identification, analysis, and accurate planning.
- ❖ Estimating some of the basic attributes of the project like cost, duration and effort.

The effectiveness of the subsequent planning activities is based on the accuracy of these estimations. Project management involves planning, monitoring and control of the people, process and the events that occur as the software evolves from a preliminary concept to an operational implementation. Cost estimation is a relative activity that is concerned with the resources required to accomplish the project plan.

3.7 Roles and Responsibilities

- **Users:**

Users can enter their details and join the platform.

- **Service Providers:**

These are the main users of the portal. They provide many of the missions all over the world. It connects with many countries. They help those people who are enthusiastic about volunteering.

- **Administration users (Administrators)**

Admin or Backoffice users would be helping people or service providers through the admin interface. For example, if any customer is having trouble cancelling or rescheduling the service request then admin can help using the admin interface.

STAKEHOLDER OF THE SYSTEM

4.1 Admin

- Login
- Manage missions
- Manage initiatives
- Manage volunteer stories
- CMS (Content Mangement System)
- Mission theme
- Mission skills
- Mission applications
- Banner management
- Volunteer time-sheet management
- Manage different types of missions
- Manage comments

4.2 Volunteers:

- Registration & Login
- Forgot password
- Edit profile
- Participate as volunteer in mission's
- Rating
- Comments
- Add to favorites
- Share your story
- View users' story
- Recommend to coworkers
 - i. Share Missions
 - ii. Share Stories
- Time-sheet management

SYSTEM DESIGN

5.1 System Design & Methodology

Systems design is the process of defining the architecture, components, modules, interfaces, and data for a system to satisfy specified requirements. The System Design Description report provides summary or detailed information about a system design represented by a model. Systems design is therefore the process of defining and developing systems to satisfy specified requirements of the user.

5.2 Database Design

Database design is the process of producing a detailed data model of a database. This logical data model contains all the needed logical and physical design choices and physical storage parameters needed to generate a design in a Data Definition Language, which can then be used to create a database. A fully attributed data model contains detailed attributes for each entity.

5.3 Design Pseudo code or algorithm for method or operation

- **Admin Side**

Step 1: Enter the URL to open the system

Step 2: Click on Login Button for Login

Step 3: Provide username and password

Step 4: If both username and password are correct then it will login successfully.

Step 5: It shows admin page

Step 6: Admin can be able to perform many operations and Access to all pages.

Step 7: Admin contain service requests which include UserId status (New, pending, Completed).

- **User Side**

Step 1: Enter the URL to open the system

Step 2: Click on Login Button for Login

Step 3: Provide username and password

Step 4: If both username and password are correct then it will login successfully.

Step 5: It shows mission page

Step 6: in that page it contains the mission details and other functionality

Step 7: Logout User.

- **Service Provider**

Step 1: Enter the URL to open the system

Step 2: Click on Login Button for Login

Step 3: Provide username and password

Step 4: If both username and password are correct then it will login successfully.

Step 5: It shows mission page

Step 6: Service Provider contains New Service Request which is able to accept

Service.

Step 7: Service Provider contains Upcoming Services which is able cancel the request.

Step 8: Service Provider contain Rating to rate service provider and also show history.

Step 9: Logout from Service Provider.

IMPLEMENTATION

6.1 Implementation Platform

- Our project is suitable for all types of users like single and multi-users.
- Multi users are allowed to operate the website at the same time.
- We provide an interface which is user friendly.
- We have GUI (graphical user interface) by which all types of users can easily access the application.
- One user at a time and also multi users can access the website at the same time and use all the services.
- If we don't provide the GUI on the website, then the user won't like our website.
- For better performance and reliability, we have to include GUI on the website.
- So, for more security and performance we use this.

6.2 Technology Specification

User Authentication

- Identification and authentication are used to establish a user's identity.
- Each user is required to log in to the system.

Password Protection

- Every user who is to be allowed to access the portal is given his own username and password and given his own access rights so that only authorized and authenticated users can access the project.

Confidentiality

- We provide confidentiality to all the users.
- In that one user cannot access the data of the other users.
- For that we provide one key to each user to secure its data.

Scalability

- We provide a scalable website to make sure that every user can access the website in a proper order.
- User likes those type of website which are in one order that user cannot wait for the usage of the services.

RESULTS

1. Login Page



Email Address

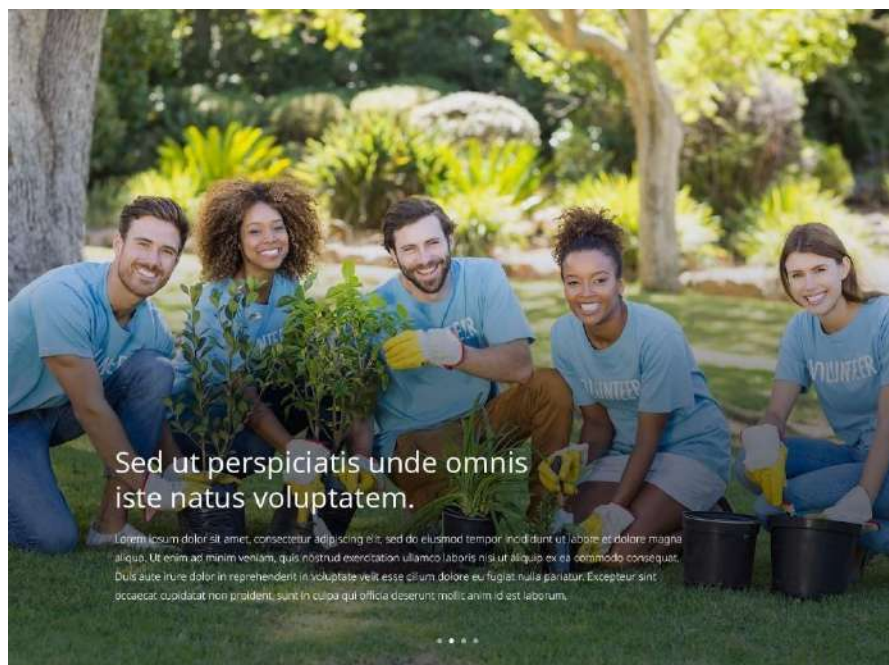
Password

Login

[Lost your password?](#)
[Don't have an account? Create an account.](#)

[Privacy Policy](#)

2. Forgot Password Page



Forgot Password

Enter your email address you're using for your account below, and we will send you a password reset link.

Email Address

Reset my Password

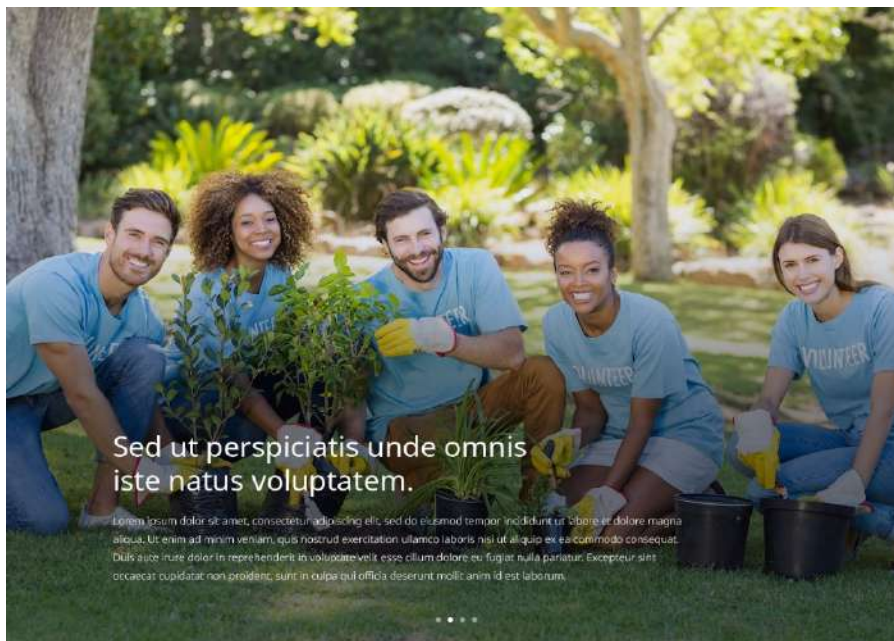
[Login](#)

[Privacy Policy](#)

3. Registration Page



4. Reset Password Page



5. Platform Landing Page

Stories Policy

Search mission... Country City Theme Skills

Tree Plantation Canada Toronto Montreal Environment Nutrition Anthropology Environmental Science Clear all

Explore 72 missions

Sort by

Grow Trees – On the path to environment sustainability

Tree Canada

From 10/01/2019 until 25/02/2019

10 Seats left

09/01/2019 Deadline

Apply

Education Supplies for Every Pair of Shoes Sold

Australian Paradise

From 10/01/2019 until 25/02/2019

250 Already volunteered

09/01/2019 Deadline

Apply

Nourish the Children in African country

The Hunger

Ongoing Opportunity

10 Seats left

09/01/2019 Deadline

Apply

CSR initiative stands for Coffee and Farmer Equity

CSE Network

Ongoing Opportunity

250 Already volunteered

Apply

Animal welfare & save birds campaign

JRI Foundation

Plant 10,000 Trees

10 Seats left

8000 achieved

Apply

Plantation and Afforestation programme

Amaze Doctors

Plant 10,000 Trees

8000 achieved

Apply

Grow Trees – On the path to environment sustainability

Tree Canada

View details

Education Supplies for Every Pair of Shoes Sold

Tree Canada

From 10/01/2019 until 25/02/2019

250 Already volunteered

09/01/2019 Deadline

Apply

Nourish the Children in African country

Junior Charity

Ongoing Opportunity

10 Seats left

09/01/2019 Deadline

Apply


1 2 3 4 5

This website makes use of cookies to enhance browsing experience and provide additional functionality. [Privacy policy](#) [I Agree](#)

Grid View

Tree Plantation × Canada × Toronto × Montreal × Environment × Nutrition × Anthropology × Environmental Science × Clear all

Explore 72 missions Sort by ▾ ☰



Environment

Grow Trees – On the path to environment sustainability


Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore...

Tree Canada ★★★★★

From 10/01/2019 until 25/02/2019

10 Seats left 09/01/2019 Deadline

Apply →



Children

Education Supplies for Every Pair of Shoes Sold


Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore...

Australian Paradise ★★★★★

From 10/01/2019 until 25/02/2019

250 Already volunteered 09/01/2019 Deadline

Apply →



Nutrition

Nourish the Children in African country

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore...

The Hunger ★★★★★

Ongoing Opportunity


10 Seats left 09/01/2019 Deadline

Apply →

List View

Explore 3 Missions Sort by ▾ ☰

APPLIED



Environment

Atlanta Environment Smith International Caring Foundation ★★★★★


Planting and afforestation activities

This summer we are aiming to plant 40000 trees

397 Seats left Achieved From 01/09/2019 Until 01/12/2020 Skills Botany

View details →

APPLIED



Education

Atlanta Education Smith International Caring Foundation ★★★★★

Educate young minds (Part 2)

We are conducting a street mission to teach out of school youth. Want to know more information? See mission details

249 Seats left 16/12/2019 Registration deadline From 01/11/2019 Until 01/12/2020 Skills Teaching English

View details →

6. Volunteering Mission Page

[Stories](#)
[Policy](#)

Country: City: Theme: Skills:

CSR initiative stands for Coffee & Farmer Equity

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Plan: 10,000 Trees

10 Seers left

8000 achieved

Add to Favourite

Recommend to a Co-Worker

☆☆☆☆

City: London

Theme: Environment

Role: Ongoing Opportunity

Organization: CSE Network

Apply Now

Mission Organization Comments

Introduction

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

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Challenge

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

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Documents

ipsum-ipsum.pdf

et_veniam_esse_mollit.pdf

important_documents

Information

Skills: Cool, Easygoing, Math, Computer

Days: Weekend only

Rating: ★★★★★ (by 123 volunteers)

Recent Volunteers

Andrew Johnson

Charles Miller

Karen Roberts

Emma Parker

John Smith

Rachel Taylor

Tommy White

Sarah Williams

Linda Richards

1 - 8 of 25 Recent Volunteers

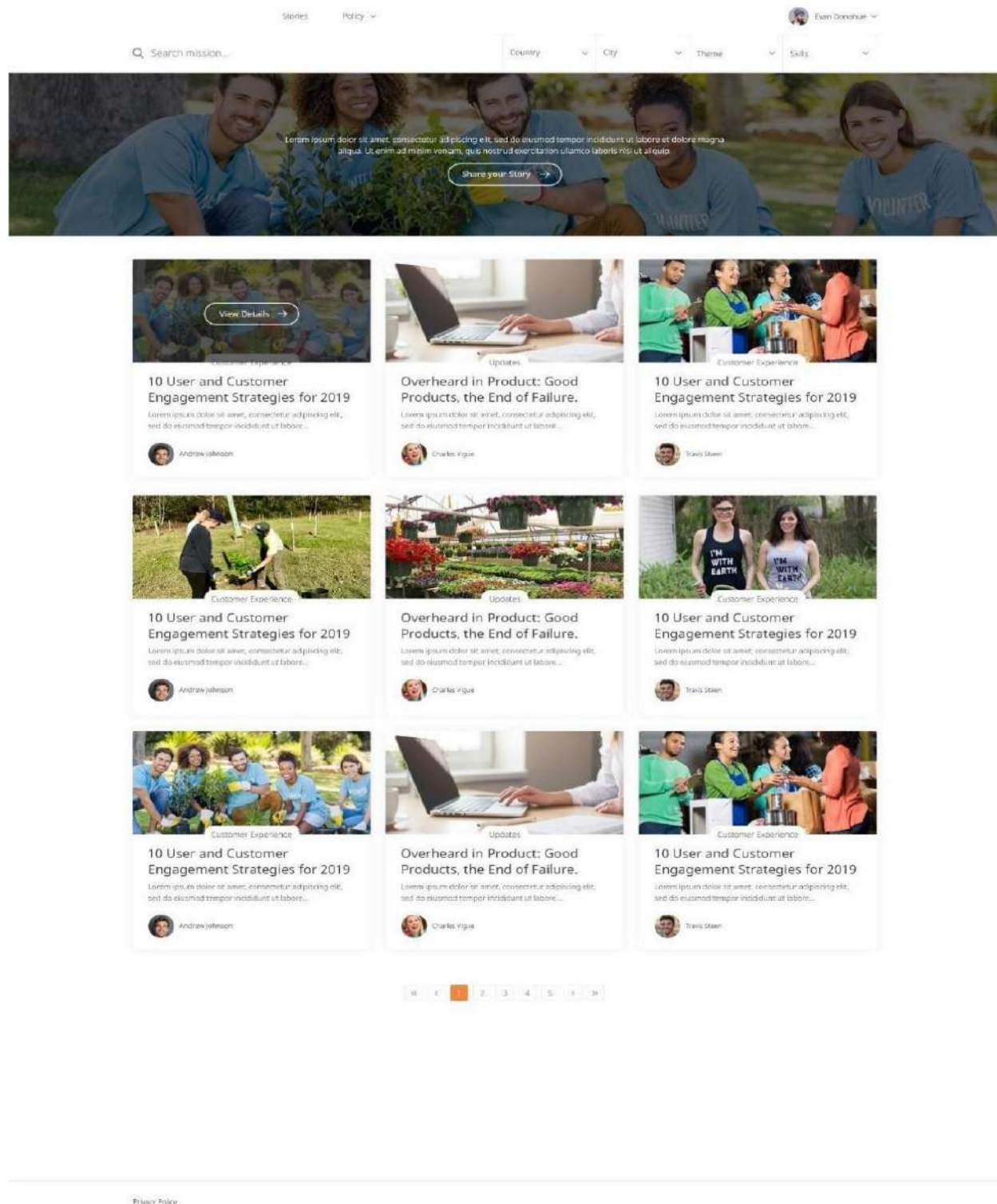
Related Missions

CSR initiative stands for Coffee and Farmer Equity

Animal welfare & save birds campaign


Plantation and Afforestation programme

7. Story Listing Page



8. Share Your Story (Add/ Edit Story) Page

[Stories](#)
[Policy](#)


[Evan Donohue](#)

Share your story

Select Mission
Select your mission

My Story Title
Enter story title

Date
Select date

My Story














B I S x x² T

Sample editor 1

Enter Video URL
Enter your url

Upload your Photos

+
Drag and Drop Pictures and Video here

Cancel

Save

Submit

[Privacy Policy](#)

9. Story Detail Page

[Stories](#)
[Policy](#)

Evan Donohue

Country
City
Theme
Skills

12,000 Views

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.
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[Recommend to a Co-Worker](#)
[Open Mission →](#)

Grow Tress - On the path to environment sustainability

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute inure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Duis aute inure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute inure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

We use these technologies for a number of purposes, such as:

- But I must explain to you how all this mistaken idea of denouncing pleasure and praising pain.
- At vero eos et accusamus et iusto odio dignissimos ducimus qui blanditis praesentium voluptatum deleniti atque voluptate accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore.
- On the other hand, we denounce with righteous indignation and dislike men who are so beguiled and demoralized by the charms of pleasure of the moment, so blinded by desire, that they cannot foresee the pain and trouble that are bound upon their souls by the folly of their own actions.
- But I must explain to you how all this mistaken idea of denouncing pleasure and praising pain.
- Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute inure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.



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Gujarat Technological University

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L. D. College of Engineering

10.Story Detail Page

[Stories](#) [Policy](#)  Evan Donohue 



Evan Donohue

Basic Information

Name*	Surname*
<input type="text" value="Enter your name"/>	<input type="text" value="Enter your surname"/>
Employee ID	Manager
<input type="text" value="Enter your employee id"/>	<input type="text" value="Enter your manager details"/>
Title	Department
<input type="text" value="Enter your employee id"/>	<input type="text" value="Enter your manager details"/>
My Profile*	
<input type="text" value="Enter your comments"/>	
Why I Volunteer?	
<input type="text" value="Enter your comments"/>	

Address Information

City	Country*
<input type="text" value="Enter your city"/>	<input type="text" value="Select your country"/>

Professional Information

Availability	LinkedIn
<input type="text" value="Select your availability"/>	<input type="text" value="Enter linkedin URL"/>

My Skills

Anthropology

Archeology

Astronomy

Computer Science

Environmental Science




History

Add Skills

Save

[Privacy Policy](#)

11. Volunteering Timesheet Page



[Stories](#) [News](#) [Policy](#)   Evan Donohue 

[Add Profile](#)
[Volunteering Timesheet](#)
[Log Out](#)

Volunteering Timesheet





Volunteering Hours

+ Add

Mission	Date	Hours	Minutes	
Environment Conservation	22/02/2022	1h	30min	 

Volunteering Goals

+ Add

Mission	Date	Action	
Plantation Programme	22/02/2022	0	 
Education Programme	22/02/2022	1	 

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12. Admin Panel

a. User CRUD

Thursday, November 3, 2022, 10:06 AM

User

Q Search + Add

First Name	Last Name	Email	Employee Id	Department	Status	Action
Adam	Baldwin	Adam12546@yahoo.com	1364978456	HR	Active	
Peter	Wallace	Peter42546@yahoo.com	1364975622	Sales	Active	
Jacob	Dunn	Jacob25546@yahoo.com	1364975656	HR	Active	
Terry	Adams	Terry25546@yahoo.com	1364974356	Sales	Active	
Aida	Bugg	Aida25546@yahoo.com	1364974556	HR	Active	
Oliver	Yew	Oliver25546@yahoo.com	1364974123	HR	Active	
Peter	Wallace	Peter42546@yahoo.com	1364974471	Sales	Active	
Teri	Dachtel	Teri145546@yahoo.com	1364974461	HR	Active	
Allie	Grater	Allie145546@yahoo.com	1364974405	HR	Active	
Rose	Buch	Rose45546@yahoo.com	1364974445	Sales	Active	

10 1 2 3 4 5 6

b. CMS CRUD

Thursday, November 3, 2022, 10:06 AM

CMS Page

Q Search + Add

Title	Status	Action
Desktop publishing software like Aldus PageMaker including versions the leap into electronic typesetting.	Active	
Various versions have evolved over the years Many desktop publishing packages and web page editors.	Active	
A Latin professor at Hampden-Sydney College in Virginia.	Active	
Suffered alteration in some forms, by injected humour, or randomised words.	Active	
Et harum quidem rerum facilis est et expedita distinctio, very popular during the Renaissance.	Active	
Moliores alius consequatur aut perferendis doloribus asperiores repellat.	Active	
Our power of choice is untrammelled and when nothing prevents obey.	Active	
Beguiled and demoralized by the charms of pleasure of the moment.	Active	
Untrammelled and when nothing prevents our being able to do what we like best, 10.32 and 1.10.33 from "de Finibus Bonae".	Active	
Disputatis repudiandae sint et molestiae non recusandae.	Active	

10 1 2 3 4 5 6

Also there are other Admin pages like Mission CRUD, Mission Theme CRUD, Mission Skill CRUD, Comment CRUD, Story CRUD, Timesheet CRUD admin pages.

TESTING

8.1 Testing Plan/ Strategy

In this project, we have done manual testing to verify that all our functionality works properly or not. The testing process is carried out when we have completed the implementation of all the functionality. So here the testing had been done at the end of the internship.

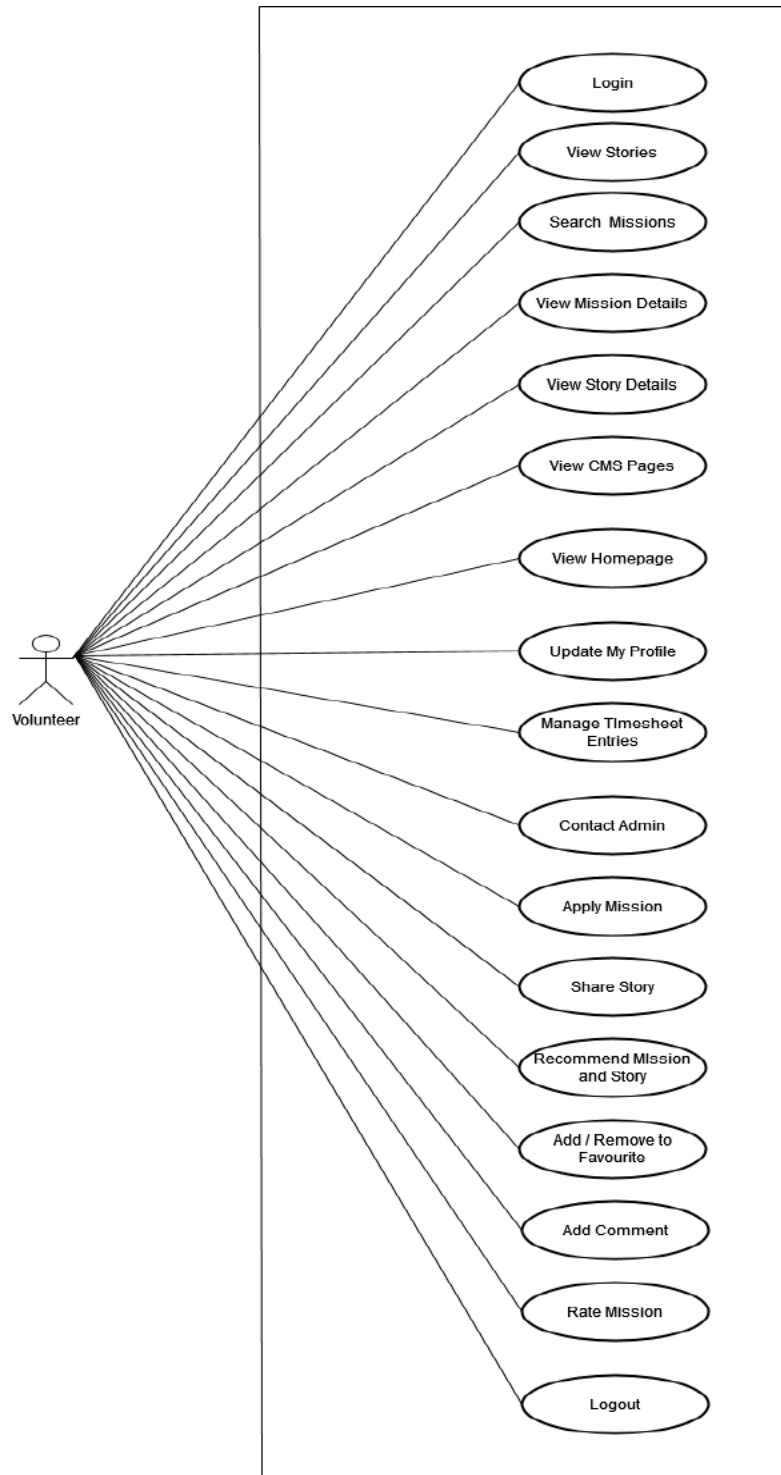
SYSTEM ANALYSIS AND DESIGN

□ UML

○ Admin

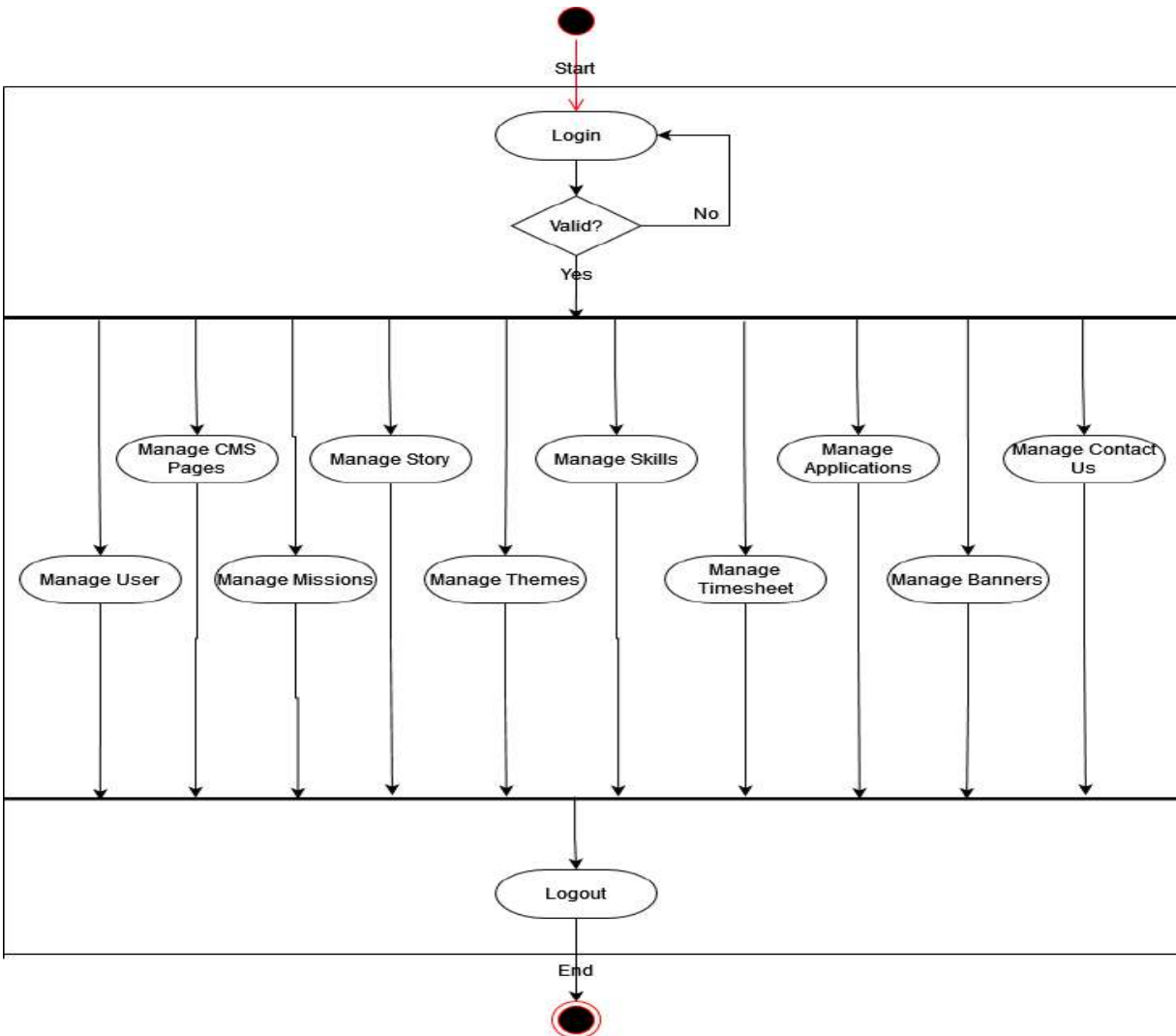


○ User

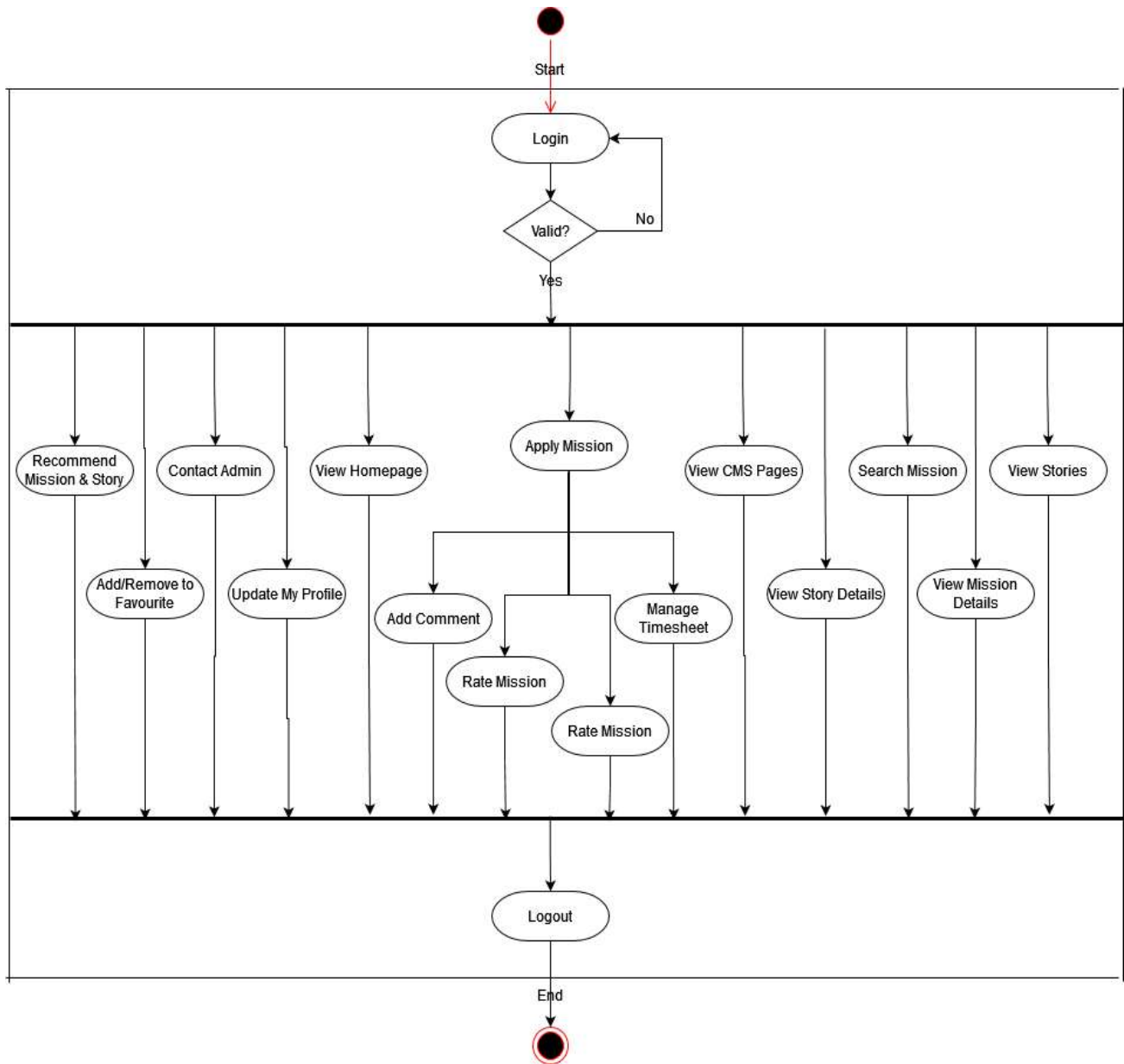


□ Activity Diagram

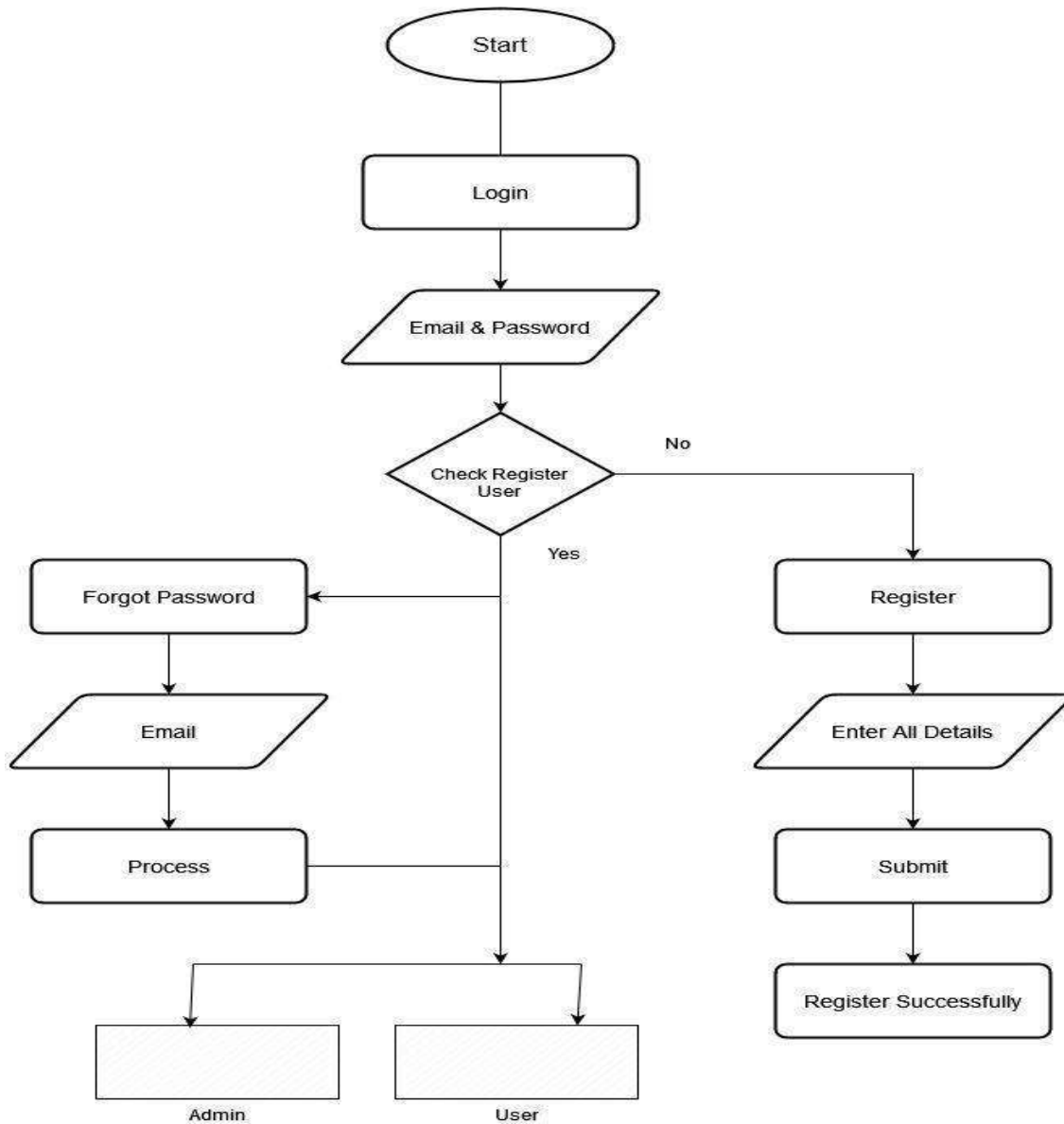
○ Admin



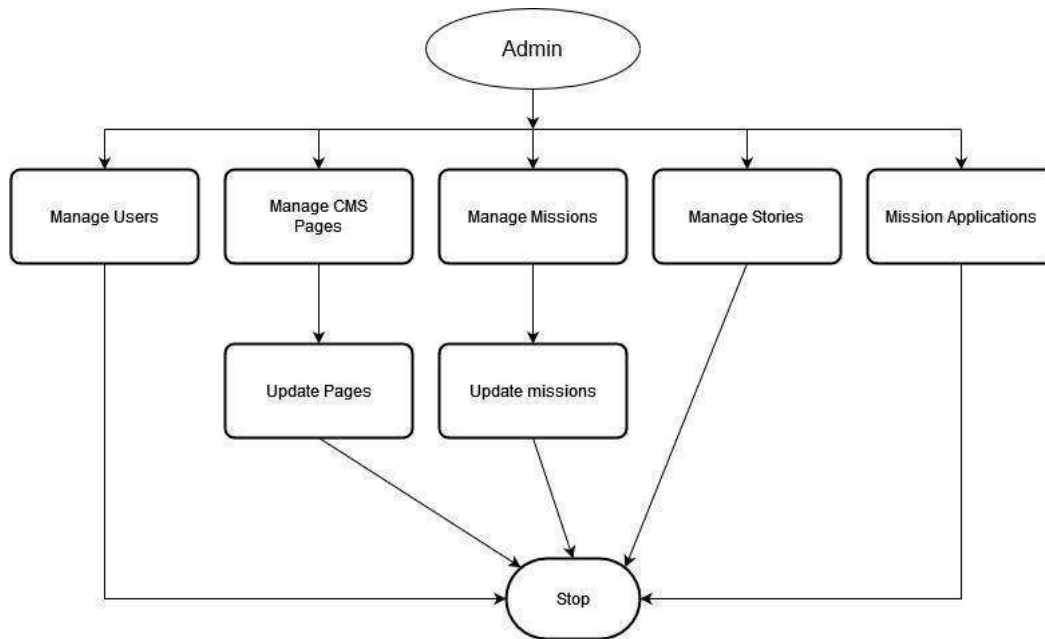
○ User



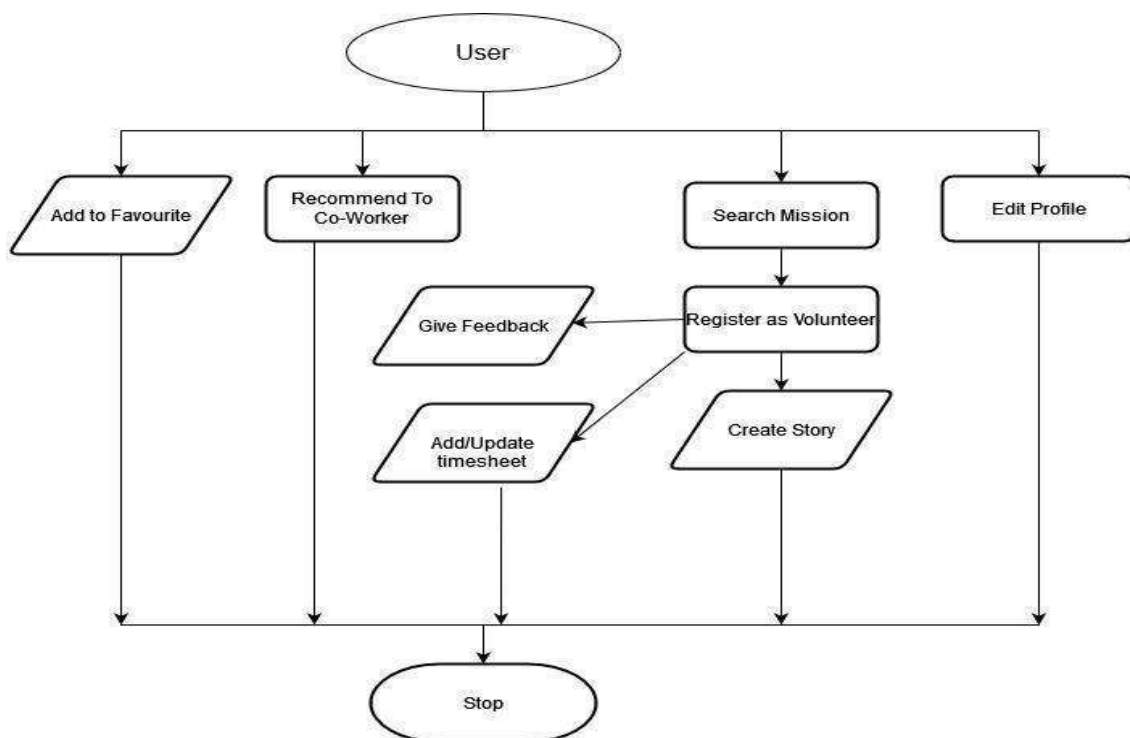
□ System Flow Diagram



Admin



User



DATA DISCTIONARY

1. User

	Column Name	Data Type	Allow Nulls
▶	user_id	bigint	<input type="checkbox"/>
	first_name	varchar(16)	<input checked="" type="checkbox"/>
	last_name	varchar(16)	<input checked="" type="checkbox"/>
	email	varchar(128)	<input type="checkbox"/>
	password	varchar(255)	<input type="checkbox"/>
	phone_number	bigint	<input type="checkbox"/>
	avatar	varchar(2048)	<input checked="" type="checkbox"/>
	why_i_volunteer	text	<input checked="" type="checkbox"/>
	employee_id	varchar(16)	<input checked="" type="checkbox"/>
	department	varchar(16)	<input checked="" type="checkbox"/>
	city_id	bigint	<input checked="" type="checkbox"/>
	country_id	bigint	<input checked="" type="checkbox"/>
	profile_text	text	<input checked="" type="checkbox"/>
	linked_in_url	varchar(255)	<input checked="" type="checkbox"/>
	title	varchar(255)	<input checked="" type="checkbox"/>
	status	int	<input checked="" type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>
	manager_id	bigint	<input checked="" type="checkbox"/>
	availability	varchar(10)	<input checked="" type="checkbox"/>
	is_deleted	bit	<input checked="" type="checkbox"/>
	Role	varchar(16)	<input checked="" type="checkbox"/>

2. Country

	Column Name	Data Type	Allow Nulls
▶	country_id	bigint	<input type="checkbox"/>
	name	varchar(255)	<input type="checkbox"/>
	ISO	varchar(16)	<input checked="" type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

3. Mission

	Column Name	Data Type	Allow Nulls
🔑	mission_id	bigint	<input type="checkbox"/>
	theme_id	bigint	<input type="checkbox"/>
	city_id	bigint	<input type="checkbox"/>
	country_id	bigint	<input type="checkbox"/>
	title	varchar(128)	<input type="checkbox"/>
	short_description	text	<input checked="" type="checkbox"/>
	description	text	<input checked="" type="checkbox"/>
	start_date	datetime	<input checked="" type="checkbox"/>
	end_date	datetime	<input checked="" type="checkbox"/>
	mission_type	varchar(10)	<input type="checkbox"/>
	status	varchar(20)	<input type="checkbox"/>
	organization_name	varchar(255)	<input checked="" type="checkbox"/>
	organization_detail	text	<input checked="" type="checkbox"/>
	availability	varchar(10)	<input checked="" type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>
	seat_left	int	<input checked="" type="checkbox"/>
	is_deleted	bit	<input checked="" type="checkbox"/>
	deadline	datetime	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

4. Story

	Column Name	Data Type	Allow Nulls
🔑	story_id	bigint	<input type="checkbox"/>
	user_id	bigint	<input type="checkbox"/>
	mission_id	bigint	<input type="checkbox"/>
	title	varchar(255)	<input checked="" type="checkbox"/>
	description	text	<input checked="" type="checkbox"/>
	status	varchar(20)	<input type="checkbox"/>
	published_at	datetime	<input checked="" type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>
	views	int	<input checked="" type="checkbox"/>
	is_deleted	bit	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

5. Mission Media

	Column Name	Data Type	Allow Nulls
PK	mission_media_id	bigint	<input type="checkbox"/>
	mission_id	bigint	<input type="checkbox"/>
	media_name	varchar(64)	<input checked="" type="checkbox"/>
	media_type	varchar(20)	<input type="checkbox"/>
	media_path	varchar(255)	<input checked="" type="checkbox"/>
	[default]	varchar(1)	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>
	is_deleted	bit	<input checked="" type="checkbox"/>


6. Timesheet

	Column Name	Data Type	Allow Nulls
PK	timesheet_id	bigint	<input type="checkbox"/>
	user_id	bigint	<input checked="" type="checkbox"/>
	mission_id	bigint	<input checked="" type="checkbox"/>
	time	time(7)	<input checked="" type="checkbox"/>
	action	int	<input checked="" type="checkbox"/>
	date_volunteered	datetime	<input type="checkbox"/>
	notes	text	<input checked="" type="checkbox"/>
	status	varchar(20)	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>
	is_deleted	bit	<input checked="" type="checkbox"/>


7. Comment

	Column Name	Data Type	Allow Nulls
PK	comment_id	bigint	<input type="checkbox"/>
	user_id	bigint	<input type="checkbox"/>
	mission_id	bigint	<input type="checkbox"/>
	approval_status	varchar(20)	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>
	comment_text	varchar(255)	<input checked="" type="checkbox"/>
	is_deleted	bit	<input checked="" type="checkbox"/>


8. Banner

	Column Name	Data Type	Allow Nulls
	banner_id	bigint	<input type="checkbox"/>
	image	varchar(512)	<input type="checkbox"/>
	text	text	<input checked="" type="checkbox"/>
	sort_order	int	<input checked="" type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>
	is_deleted	bit	<input checked="" type="checkbox"/>
	image_name	varchar(255)	<input type="checkbox"/>

9. City

	Column Name	Data Type	Allow Nulls
	city_id	bigint	<input type="checkbox"/>
	country_id	bigint	<input type="checkbox"/>
	name	varchar(255)	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>

10. CMS

	Column Name	Data Type	Allow Nulls
	cms_page_id	bigint	<input type="checkbox"/>
	title	varchar(255)	<input checked="" type="checkbox"/>
	description	text	<input checked="" type="checkbox"/>
	slung	varchar(255)	<input type="checkbox"/>
	status	varchar(20)	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>
	is_deleted	bit	<input checked="" type="checkbox"/>

11. Contact Us

	Column Name	Data Type	Allow Nulls
🔑	contact_us_id	bigint	<input type="checkbox"/>
	user_id	bigint	<input type="checkbox"/>
	subject	varchar(255)	<input type="checkbox"/>
	message	varchar(6000)	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>

12. Favorite Mission

	Column Name	Data Type	Allow Nulls
🔑	favorite_mission_id	bigint	<input type="checkbox"/>
	user_id	bigint	<input type="checkbox"/>
	mission_id	bigint	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>


13. Goal Mission

	Column Name	Data Type	Allow Nulls
🔑	goal_mission_id	bigint	<input type="checkbox"/>
	mission_id	bigint	<input type="checkbox"/>
	goal_objective_text	varchar(255)	<input checked="" type="checkbox"/>
	goal_value	int	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>


14. Mission Application

	Column Name	Data Type	Allow Nulls
🔑	mission_application_id	bigint	<input type="checkbox"/>
	mission_id	bigint	<input type="checkbox"/>
	user_id	bigint	<input type="checkbox"/>
	applied_at	datetime	<input type="checkbox"/>
	approval_status	varchar(20)	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>
	is_deleted	bit	<input checked="" type="checkbox"/>


15. Mission Invite

	Column Name	Data Type	Allow Nulls
	mission_invite_id	bigint	<input type="checkbox"/>
	mission_id	bigint	<input type="checkbox"/>
	from_user_id	bigint	<input type="checkbox"/>
	to_user_id	bigint	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>


16. Mission Media

	Column Name	Data Type	Allow Nulls
	mission_media_id	bigint	<input type="checkbox"/>
	mission_id	bigint	<input type="checkbox"/>
	media_name	varchar(64)	<input checked="" type="checkbox"/>
	media_type	varchar(20)	<input type="checkbox"/>
	media_path	varchar(255)	<input checked="" type="checkbox"/>
	[default]	varchar(1)	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>
	is_deleted	bit	<input checked="" type="checkbox"/>


17. Mission Rating

	Column Name	Data Type	Allow Nulls
	mission_rating_id	bigint	<input type="checkbox"/>
	user_id	bigint	<input type="checkbox"/>
	mission_id	bigint	<input type="checkbox"/>
	rating	int	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>



18. Mission Skill

	Column Name	Data Type	Allow Nulls
	mission_skill_id	bigint	<input type="checkbox"/>
	skill_id	bigint	<input type="checkbox"/>
	mission_id	bigint	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>
	is_deleted	bit	<input checked="" type="checkbox"/>


19. Mission Theme

	Column Name	Data Type	Allow Nulls
	mission_theme_id	bigint	<input type="checkbox"/>
	title	varchar(255)	<input checked="" type="checkbox"/>
	status	tinyint	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>
	is_deleted	bit	<input checked="" type="checkbox"/>


20. Password Reset

	Column Name	Data Type	Allow Nulls
	email	varchar(191)	<input type="checkbox"/>
	token	varchar(191)	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	id	bigint	<input type="checkbox"/>


21. Skill

	Column Name	Data Type	Allow Nulls
	skill_id	bigint	<input type="checkbox"/>
	skill_name	varchar(64)	<input checked="" type="checkbox"/>
	status	tinyint	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>
	is_deleted	bit	<input checked="" type="checkbox"/>


22. Story Invite

	Column Name	Data Type	Allow Nulls
	story_invite_id	bigint	<input type="checkbox"/>
	story_id	bigint	<input type="checkbox"/>
	from_user_id	bigint	<input type="checkbox"/>
	to_user_id	bigint	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>

23. Story Media

	Column Name	Data Type	Allow Nulls
	story_media_id	bigint	<input type="checkbox"/>
	story_id	bigint	<input type="checkbox"/>
	type	varchar(20)	<input type="checkbox"/>
	path	text	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>
	media_name	varchar(64)	<input checked="" type="checkbox"/>

24. User Skill

	Column Name	Data Type	Allow Nulls
	user_skill_id	bigint	<input type="checkbox"/>
	user_id	bigint	<input type="checkbox"/>
	skill_id	bigint	<input type="checkbox"/>
	created_at	datetime	<input type="checkbox"/>
	updated_at	datetime	<input checked="" type="checkbox"/>
	deleted_at	datetime	<input checked="" type="checkbox"/>

CONCLUSION AND DISCUSSION

Overall Analysis of Internship

During the internship first of all they gave the basic knowledge of our languages and then they gave the project. In the project first, we must design the webpages according to what they have given as per the SRS (Software Requirements Specification) then we must design the databases for our website. After designing the database, we must integrate all the webpages with the database and lastly, we must do testing of our website. After completing the project, we must upload the project to GitHub.

REFERENCES

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- <https://getbootstrap.com/>
- <https://www.tutorialspoint.com/css/index.html>
- <https://stackoverflow.com/>
- <https://www.c-sharpcorner.com/>