Government Engineering College, Modasa

Information Technology

Department

A Project Report on

HOPE

(Helping Oppressed People Everywhere)

Submitted By:

Team ID: 101079

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Hiren Jadvani	- 180163116008
Dhruvin Prajapati	- 180163116018
Parth Vora	- 180163116033

Guided By:-

Prof. Jwalant B. Baria

April – 2021

Submitted to:

Department of Information Technology

Government Engineering College, Modasa

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This is to certify that, ***Dholriya Mohit Pravinbhai*** (Enrolment Number - 180163116005) working on project entitled with ***HOPE(Helping Oppressed People Everywhere)*** from ***Information Technology*** department of ***GOVERNMENT ENGINEERING COLLEGE, MODASA*** had submitted following details at online project portal.

Periodic Progress Reports (PPR)	**Completed**
Business Model Canvas (Image)	**Completed**
Business Model Canvas (Report)	**Completed**
Patent Drafting Exercise (PDE)	**Completed**
Final Plagiarism Report	**Completed**
Final Project Report	**Completed**

Name of Student : Dholriya Mohit Pravinbhai

Name of Guide : Mr.BARIA JWALANT BABUBHAI

Signature of Student : _____

*Signature of Guide : _____

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Periodic Progress Reports (PPR)	**Completed**
Business Model Canvas (Image)	**Completed**
Business Model Canvas (Report)	**Completed**
Patent Drafting Exercise (PDE)	**Completed**
Final Plagiarism Report	**Completed**
Final Project Report	**Completed**

Name of Student : Jadvani Hiren Jayeshbhai

Name of Guide : Mr.BARIA JWALANT BABUBHAI

Signature of Student : _____

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Periodic Progress Reports (PPR)	**Completed**
Business Model Canvas (Image)	**Completed**
Business Model Canvas (Report)	**Completed**
Patent Drafting Exercise (PDE)	**Completed**
Final Plagiarism Report	**Completed**
Final Project Report	**Completed**

Name of Student : Prajapati Dhruvin Harshadbhai

Name of Guide : Mr.BARIA JWALANT BABUBHAI

Signature of Student : _____

*Signature of Guide : _____

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This is to certify that, ***Vora Parthkumar Dilipbhai*** (Enrolment Number - 180163116033) working on project entitled with ***HOPE(Helping Oppressed People Everywhere)*** from ***Information Technology*** department of ***GOVERNMENT ENGINEERING COLLEGE, MODASA*** had submitted following details at online project portal.

Periodic Progress Reports (PPR)	**Completed**
Business Model Canvas (Image)	**Completed**
Business Model Canvas (Report)	**Completed**
Patent Drafting Exercise (PDE)	**Completed**
Final Plagiarism Report	**Completed**
Final Project Report	**Completed**

Name of Student : Vora Parthkumar Dilipbhai

Name of Guide : Mr.BARIA JWALANT BABUBHAI

Signature of Student : _____

*Signature of Guide : _____

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PREFACE

The main objective of any computer science donator is to get as much of practical knowledge as possible. Being an able to have a practical knowledge by developing a project is a lifetime experience. As practical knowledge is as important as theoretical knowledge we are thankful of having a project.

Through the development of the project we had a great experience of various strategies that can be applied in development of project. This project is the stepping stone for our carrier.

We are pleased to present this project. Proper care has been taken while organizing the project so that it is to comprehend. Also, various software engineering concepts have been implemented.

ACKNOWLEDGEMENT

We would like to extend our heartiest thanks with a deep sense of gratitude and respect to all those who provided us immense help and guidance during my training period.

We would like to thank our Project guide **"JWALANT BARIA"** for providing a vision about the system. We have been greatly benefited from their regular critical reviews and inspiration throughout our work.

We would like to express our sincere thanks to our Head of Department. **"MANU B. CHAUDHARY"** and our internal guide **"JWALANT BARIA"** who gave us an opportunity to undertake such a great challenging and innovative work. We are grateful to them for their guidance, encouragement, understanding and insightful support in the development process.

Last but not the least we would like to mention here that we are greatly indebted to each and everybody who has been associated with our project at any stage but whose name does not find a place in this acknowledgement.

HOD NAME: MANU B. CHAUDHARY

Branch: I.T. (GOVERNMENT ENGENEERING COLLEGE, MODASA)

Enroll No. : 180163116005
180163116008
180163116018
180163116033

Contents

LIST OF FIGURES

STUDENT INFORMATION SHEET

Name of Donator	PRAJAPATI DHRUVIN HARSHADBHAI		
	Surname Name Father's Name		
Enrolment Number	180163116018		
Contact Numbers	**Mob: (+91)** 7600704046	**Land Line:** -	
Email ID	dhruvinhprajapati@gmail.com		
College Name	Government Engineering College, Modasa		**College Code:** 016
Branch	Information Technology		**Semester :** VIII
Team Member	**Surname Name Father's Name**		**Enrolment No.**
	Dholriya Mohit Pravinbhai		180163116005
	Jadvani Hiren Jayeshbhai		180163116008
	Vora Parth Dilipbhai		180163116033
Student Signature			

Project Profile

Project Title:	HOPE(Website)
Goal of System:	The main objective behind the HOPE is creating a central system while in traditional approach is to do a manual work in paper.
Project Duration:	Two Semester
Team Size:	Four Member
Internal Project Guide:	Mr. Jwalant Baria (Assistant Professor, Gec Modasa)
Front End Tool:	Visual Studio Code, Sublime, Atom, Notepad++
Back End Tool:	SQL, MySQL 2008

NOTATIONS:

➢ Class Diagram: -

Class:

Class Name
Attribute: Type
+Operation (arglist):return type

➢ Abstract Class: -

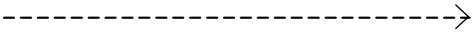
Class Name **{abstract}**

Composition:

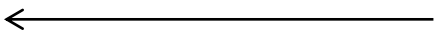
Generalization:

Usage:

«uses»

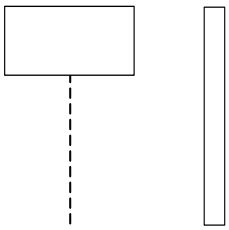


Association:



➢ Sequence Diagram:

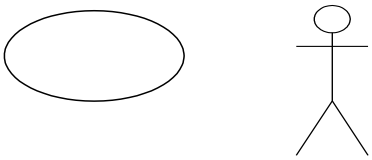
Object and Lifeline: Activation:



Message: Message (call): Message (return):

➢ Use Case Diagram:

Actor Use Case:



Project Abstract

The main objective behind the HOPE(Helping Oppressed People Everywhere) is creating a central system while in traditional approach is to do a manual work in paper. So for that it's very difficult to manage all the record and also difficult to analyse all the record in any departments.

With a HOPE system in place, people in different departments can view the same information about Donator Information, making sure that every single interaction with donator is based on accurate information. It also means that manual processes can be automated to free up people's time and make internal processes more efficient. Its all about receiver can manage the profile and keep information about the donator. All the information regarding donator can see and edit if necessary apart from that receiver can keep record of donator and they can manage information like donator profile, reporting or other information.

HOPE function involves:

- Manage Donator
- Manage Receiver
- NGO Basic Information
- Manage Guest User
- Donation scheduling
- Declaration global notes
- Missing & Found Person Report generation
- Manage Information

The Admin role can be as follow:

- Add/Modify Donator
- Add/Modify Receiver
- Add/Modify Organization
- Manage Platform
- Manage Missing Reports

The Donator role can be as follow:

- Manage task(Verify Trusted Organization, Donation flow, Receipt, self-assessment)
- Search receiver(info, batch donator status, progress)
- Reporting(receiver information, report)
- Viewing profile of receiver
- Suggestion & Feedback

The Receiver role can be as follow:

- Viewing profile donator
- Assessment(donation detail, information, donation flow)
- Supporting document
- Suggestion & Feedback

1. Introduction

1.1 Project Summary

HOPE is a System that manages the records of platform regarding organization, information, reports, and donation summary for particular Donator and also other facilities to provide generating reports for receiver.

Viewing Organization data, managing Donator information and category and for information, donation management, scheduling visit, donation and related issues are made simple and easy. There are custom search capabilities to aid in finding donator information and working on receiver records. HOPE allows the keeping of personnel data in a form that can be easily accessed and analysed in a consistent way.

Each of modules in HOPE is covering many other donator aspects from application to retirement. The system records basic personal information, admission information, Donations information regarding donator.

HOPE function involves:

- Manage new Donator
- Manage organization
- Donator Basic Information
- Manage Donator
- Donation management
- Declaration global notes
- Manage receipt
- Manage receiver
- Report generation

In Website, every user has a Login ID and Password. Also all the users have different permission rights to access the applications.

There are three main roles in the system. Admin, Receiver and Donator. Admin has complete access to the whole system, while receiver is concerned with Donations,

check their tasks, checking examination results for the donator. Donators role are responsible for the use of the system.

The Admin role can be as follow:

- Add/Modify receiver
- Add/Modify donator
- Add/Modify organization
- Information
- Search donator(Donation, progress, batch, , basic information)
- Search receiver(Donation, batch, total leave, basic information)
- Reports

The receiver role can be as follow:

- Viewing profile
- Manage task(upcoming donation, donation flow, information, self-assessment)
- Search donator(Donation, batch donator status, progress)
- Reporting(donator information, report)

The donator role can be as follow:

- Viewing profile
- Assessment(receiver detail, information, donation flow)
- Supporting document
- Suggestion

1.2 Purpose

The project is about to handle all the information of the donator regarding Donation and receiver. Also, it manages resources which were managed and handled by manpower previously.

The project aims at the following matters:

- To manage information of donator, receiver and Donations.
- Consistently update information of all the donators.
- Reports.
- Assistance in decision-making.

1.3 Scope

- Different people, place from different departments can view the same information about Donator Information.
- To enable the head and technical supporting group to access the system from anywhere.
- To enable the Donator to view as well as raise suggestion from anywhere.
- To enable the donator evolution with giving online exam and get the result on the spot.

1.4 Objective

- View the all the record of the donator and receiver.
- Donator can interact with his basic profile which includes Donation details, personal detail.
- Donator can download the appropriate document in the supporting document.
- Donator can give the online exam and get the result on the spot time.
- Give the suggestion or complain to the administrator.
- Receiver can get the information about the donator, his organization.
- To enable to send a report to the administrator.
- Receiver get perform the online assessment of donator.
- Keep the information about the donator.
- Administrator can add/modify to the donator as well as receiver.
- Also can manage the organization and Donation for particular receiver.

2. Project Management

2.1 Feasibility Study

The aim of the feasibility study activity is to determine whether it would be financially and technically feasible to develop the system or not. A feasibility study is carried out from following different aspects:

2.1.1 Technical Feasibility

Technical feasibility corresponds to determination of whether it is technically feasible to develop the software.

The following technical feasibility areas were probed during the feasibility study phase:

- The necessary technology i.e. front-end development tools, back-end database technology for developing the system are already available within the organization.
- The front-end tool proposed in easily compatible with the current hardware configuration in the organization.
- The back-end tool proposed has the capacity to hold the data required for using the new system.
- The System is expandable in many dimensions with respect to addition of more functionality, featured, etc.
- The front-end and back-end technologies provide a way to preserve the accuracy, reliability and ease of access and data security.

2.1.2 Implementation Feasibility

The only required thing at the applicant's side is the Internet connection and a web browser, which are a no difficult issue these days. After setting up the project online, even the administrator can access the system from anywhere.

2.1.3 Operational Feasibility

The system has been developed for any user who wants to use this system. I have given a demo of my project and the users found the system friendly and easy to use. The interoperability with the existing system is also checked. So, they may face certain problems in using the user interface.

2.2. Project Planning

Project planning is part of project management, which relates to the use of schedules such as Gantt charts to plan and subsequently report progress within the project environment. Initially, the project scope is defined and the appropriate methods for completing the project are determined.

2.2.1 Project Development Approach

We have used Iterative and Incremental Development model (IID) for our project development. This development approach is also referred to as Iterative Waterfall Development approach. Iterative and Incremental Development is a software development process developed in response to the more traditional waterfall model.

Life Cycle:

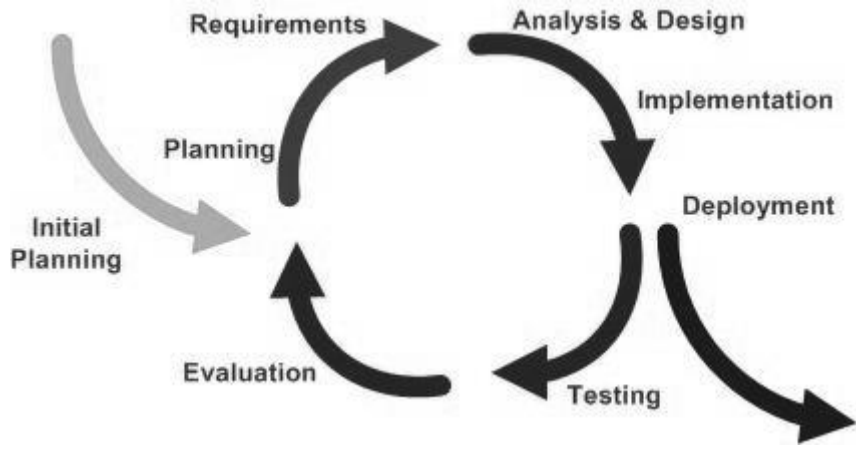


Figure 1 Iterative and Incremental Life Cycle

The basic idea behind iterative enhancement is to develop a software system incrementally, allowing the developer to take advantage of what was being learned during the development of earlier, incremental, deliverable versions of the system. Learning comes from both the development and use of the system, where possible.

At each iteration, the procedure itself consists of the Initialization step, the Iteration step, and the Project Control List. The initialization step creates a base version of the system. The goal for this initial implementation is to create a product to which the user can react

During the implementation of the project by this approach, a step called V&V i.e. Verification and Validation is carried out at certain intervals.

- Verification: “Are we building the product right?”
- Validation: “Are we building the right product?”

2.2.2 Project Plan

Once we examine that the project is feasible, we undertake project planning. The table below describes how we planned our project.

Roles and Responsibilities

Role	Responsibility	Team/Member
Project Guide Jwalant Baria	Defining scope	• Mohit Dholariya • Hiren Jadwani • Dhruvin Prajapati • Parth Vora
	Providing required resources	
	Project planning, tracking and monitoring.	
	Analysis and Effort Estimation.	

Table: 1 Roles and Responsibilities

2.2.3 Schedule Representation

Scheduling the project tasks is an important project planning activity. It involves deciding which tasks would be taken up when. A software project guide needs to do the following:

- Identify all the tasks needed to complete the project.
- Break down large tasks into small activities.
- Determine the dependencies among different activities.
- Allocate resources to activities.
- Plan the starting and ending dates for various activities.
- Determine the critical path. A critical path is the chain of activities that determines the duration of the project.

Work Breakdown Structure

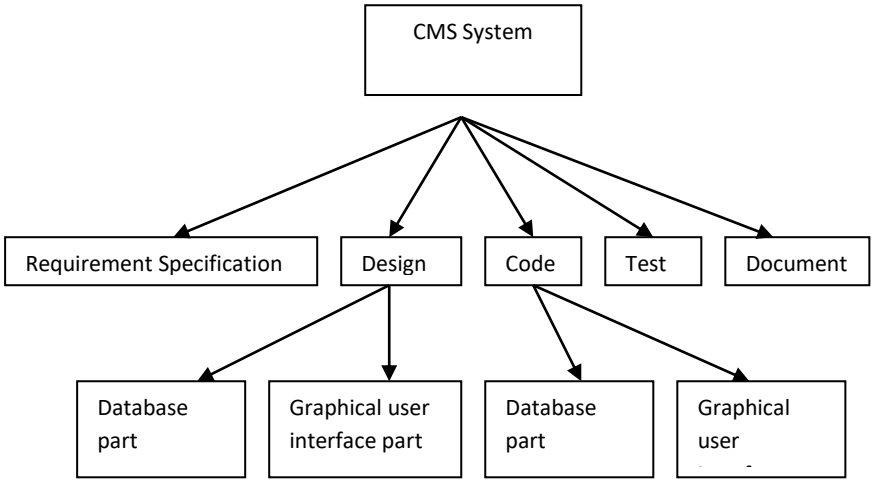


Figure 2 Work breakdown structure of HOPE System

3.2.3. Risk Management

Software Risk Management is a proactive approach for minimizing the uncertainty and potential loss associated with a project. Risk Management is a practice with processes, methods, and tools for managing risks in a project. It provides a disciplined environment for proactive decision making to

- Assess continuously what could go wrong (risks)
- Determine which risks are important to deal with
- Implement strategies to deal with those risks

2.3.1 Risk Identification

Risk identification is a systematic attempt to specify threats to the project plan. To perform the risk identification, we categorized the risk into different categories as:

A. Project Risk
B. Technical Risk
C. Known Risk
D. Predictable Risk
E. Unpredictable Risk

A. Project Risk:

The Project Risk threatens the project plan. The project risks here are:

- Schedule slippage.
- Incomplete requirement specification.
- Change in user Requirements.
- Non-availability of required resources.
- Lack of communication with end user.
- Improper vision about the project.
- Staffing and organization problems.
- Non-technical customer with high technical expectations.

B. Technical Risk:

The Technical Risk threatens the quality and timeliness of the software to be produced. If the technical risk becomes a reality, implementation may become difficult or impossible. The technical risks identified in our project are:

- Unavailable library files.
- Problem in connection to database server.
- Problem in web server.
- Problem in browser view.

D. Predictable Risk:

The Predictable risks are extrapolated from past project experience. Since we have not done any live industry project during the academic years, the predictable risks were very few. The predictable risk include mainly:

- Language error predictions.
- Lack of End user support in future project enhancement.

E. Unpredictable Risk

The Unpredictable risks are the joker in the deck. They can and do occur, but they are extremely difficult to identify in advance.

2.3.2 Risk Analysis

Each identified risk is considered and the effect and probability of each risk is identified during risk analysis.

a. Risk Planning

Risk planning lists the checkpoints that are made continually to find out situation where the risk can becomes reality.

- Plan entire schedule on paper in the beginning and follow it.
- Understand the scope from external guide to have the correct design.
- Find out proper documentation, manuals and guides from the person having the required knowledge.
- Schedule should not be delayed too much.
- Take backups regularly.
- Perform thorough requirement gathering and analysis. Confirm the collected requirements with the guide.

3. System Requirement Study

➢ Administrator:

The administrator has all the rights to access the system. He is the one who has all rights to view the applicant details, modify those details. The administrator also keeps a track of the file status of the applicants.

➢ Donator:

Donator is the one who wish to visit HOPE website. The donator can show in his own details. The Donator has rights to interaction with the HOPE system with giving the online examination as well as donator can show the result. Donator can see his absenteeism as well as they have to right to collect document. Donator can check the remainder if found.

➢ Receiver:

Receiver can show the responsible task provided by the administrator. He can view his lecture flow and other related task. He can generate his daily report to the administrator and full fill the information of donator. Apart from that he can see his batch with its progress and evaluate of donator progress. Receiver can also sending the global note to his desired donator.

➢ Guest user:

Guest user can view the donator report as well as his activity. It can give suggestion to organization staff and can complain to organization management. It can view organization news and videos.

3.1 Hardware & Software Requirement Study

Development technologies	Java Script
Development tools	Visual studio code
Application server	WampServer, Xml
Database	MySQLServer 2008
Operating system	Windows 10
Web browser	Google chrome, Mozilla Firefox, Microsoft edge
Hardware	P-IV or +, 4 GB RAM, 80 GB HDD

3.2 Constraints

3.2.1 Regulatory Policies

- The length of the project is 4 months which a limited amount of time.
- The project developers are beginners and will take time to understand about the technology.

3.2.2 Reliability Requirements

- The system should be reliable enough so that the data found in the database system is consistent at any point.
- The system should be able to handle loads of requests from different users around the world at the same time.

3.2.3 Criticality of the Application

- The system is a web-based application and so fails to work if there is no Internet connection. The system might not work if the Internet connection slows down.
- The system stops working in case if the database server or the application server stops working.
- The system might give erroneous output if it fails to connect to the database server.

3.2.4 Safety and Security Considerations

- The Intranet password security
- Each applicant is given a login account through which he can view his own information and also modify and save it. He has the rights to access only his own information.
- The administrator has rights through which he can access and manage whole system.

3.3 Time Scheduling Chart

Task Names	2020-2021(Time Duration)										
	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Documentation											
Survey											
Online Search											
Requirement analysis											
Requirement Specification											
System Analysis & Design											
Diagrams											
User Interface Design											
Coding											
Testing											

Chart 1 Time Scheduling Chart

4. System Analysis

4.1 Study of the Current System

The current HOPE System deals with maintaining a physical contact with the organization management dept. for filling all the details and the documentation work.

admin also has to manage all the users. He needs to maintain records of all the users, their activity status, donation methods and installation details on paper. Moreover, Donators in the organization can interface his/her work area only. But if an online application is available then they can communicate whole system.

4.2 Problems and Weakness of Current System

- The present system has certain major disadvantages. A few to be listed can be excessive paperwork, time consuming process flow, laborious work environment for employees, difficulty to access historical data and all these problems lead to inefficient working of government sector causing dissatisfaction in the general public.
- The following listed are the problems or weaknesses of the current system:
- So much time consume in preparing registers which is having replicated data
- Information related module is not there.
- Reporting and appraisal of the performance are not there.

4.3 Requirement of New System

- Registration details of the applicant.
- Login details of the applicant.
- Personal details of the applicant.
- Information of all the members of the applicant's group.
- Organization and employment information
- All information and rules regarding the e-forms must follow.
- Certain legal details of the Donator and Receiver.
- Answers to the questionnaire for exam.
- Communication with whole system.

4.4 Feasibility Study:

The aim of the feasibility study activity is to determine whether it would be financially and technically feasible to develop the system or not. A feasibility study is carried out from following different aspects:

4.4.1 Operational Feasibility:

The system has been developed for any user who wants to use this system. We have given a demo of our project and the users found the system friendly and easy to use.

4.4.2 Technical Feasibility:

It determines if the system can be implemented using the current technology. This system has been developed using Vs code as front end and MySQL Server as backend.

4.4.3 Economical Feasibility:

The company being a well-to-do company didn't have any problem in buying any software that was required in developing the application. The software's we used were readily available. So as such we didn't face any economical constrains.

4.4.4 Implementation Feasibility:

This project can easily be made available online without much consideration of the hardware and software. The only required thing at the applicant's side is the Internet connection and a web browser, which are a no difficult issue these days. A database server and application server are required to set up at the admin side. After setting up the project online, even the administrator can access the system from anywhere.

4.6 Use Case Diagram

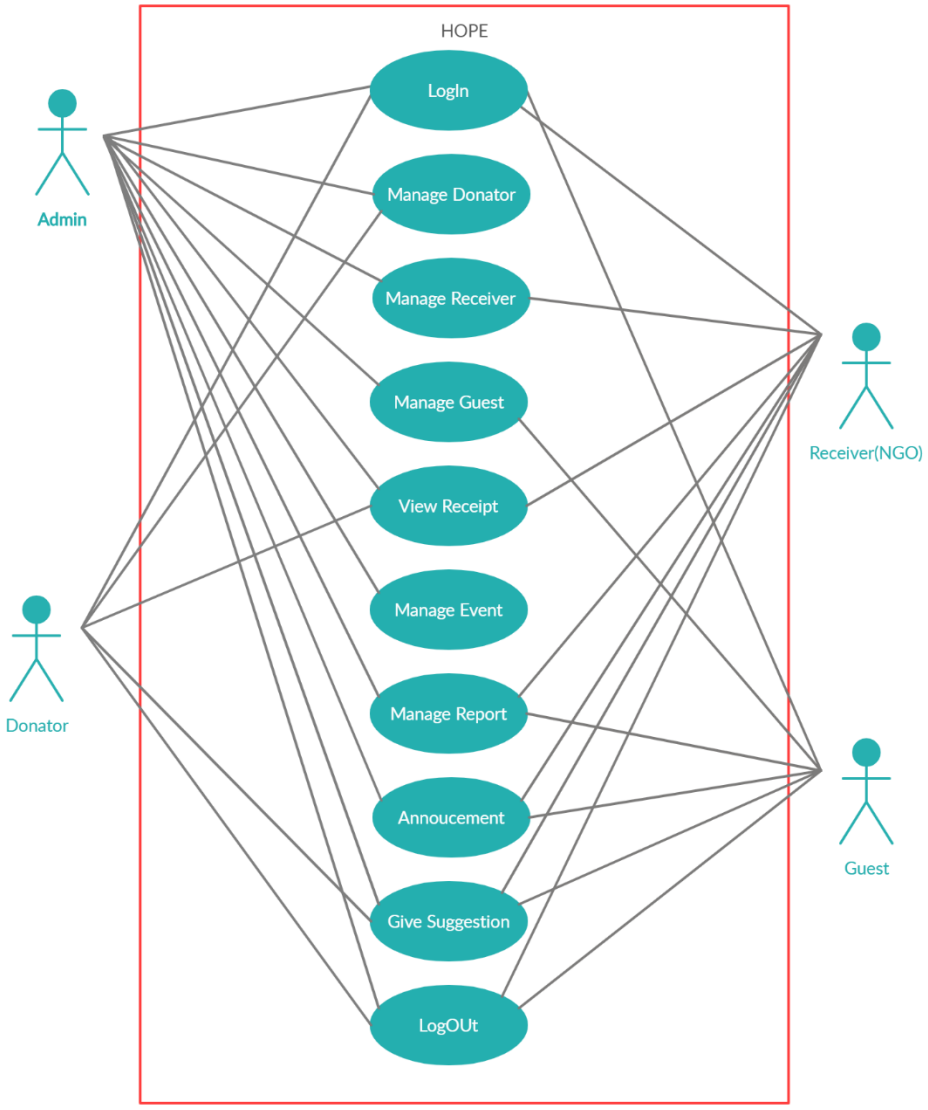


Figure 3 Use case Diagram of HOPE (Website)

5. System Design

5.1 System Architecture

5.1.1 Class Diagram

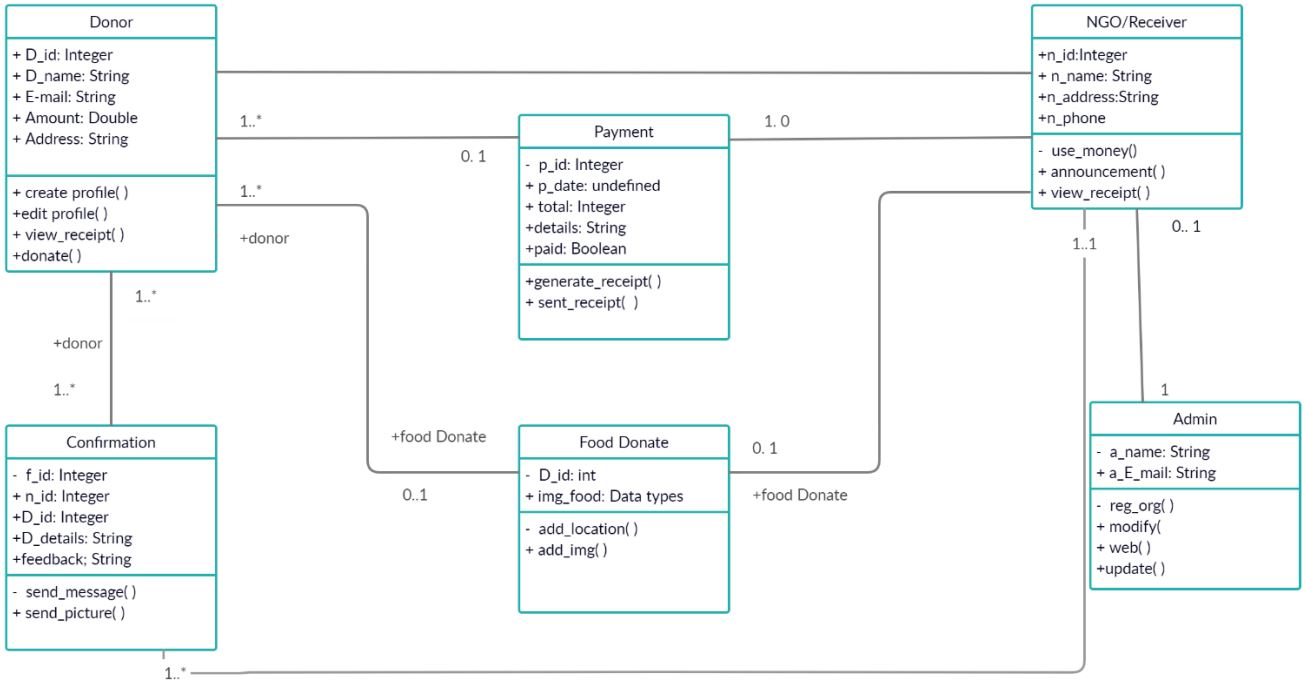


Figure 6 Class Diagram

5.1.2 Activity Diagram:

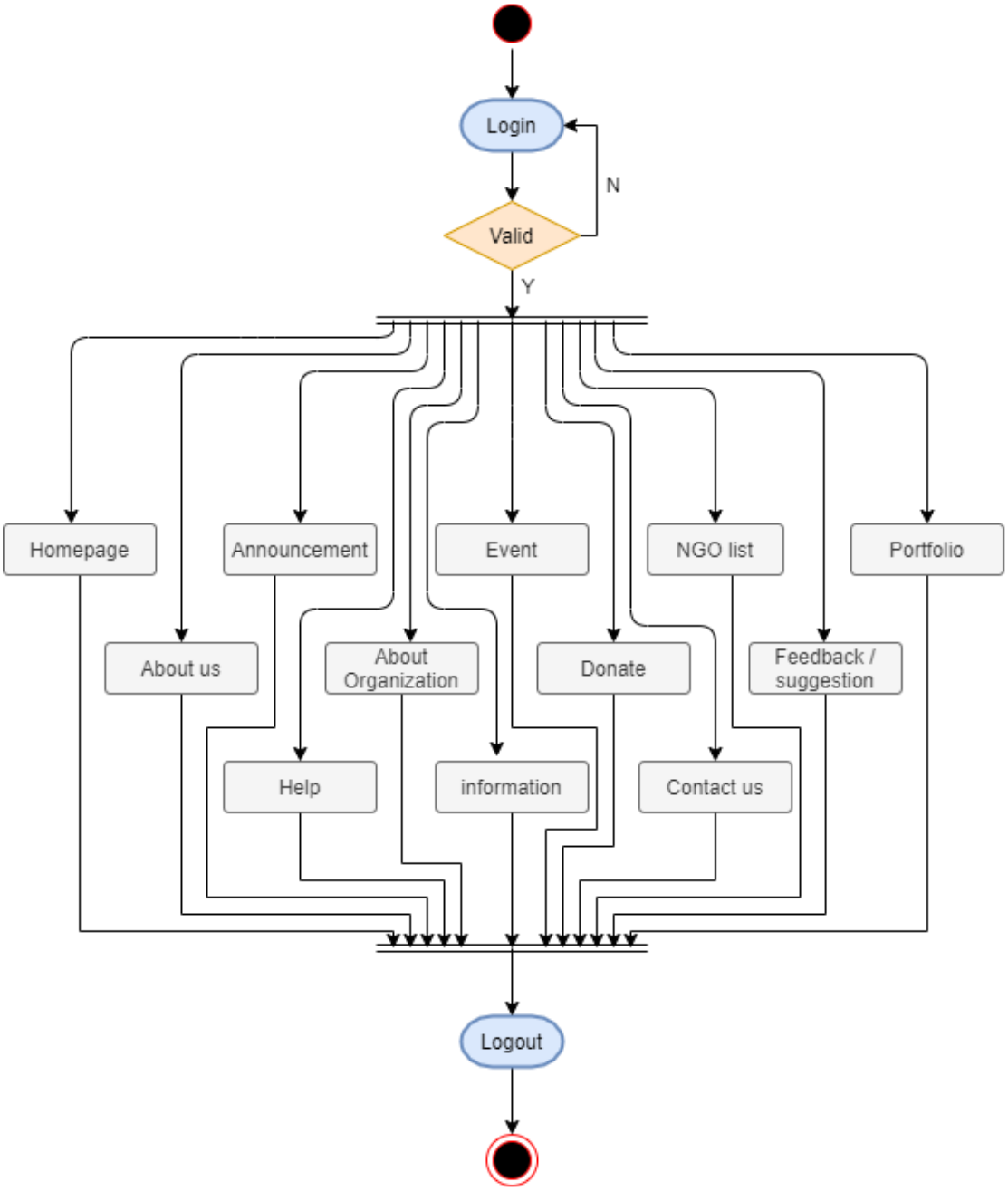


Figure 7 Donator Activity Diagram

5.1.3 Activity Diagram:

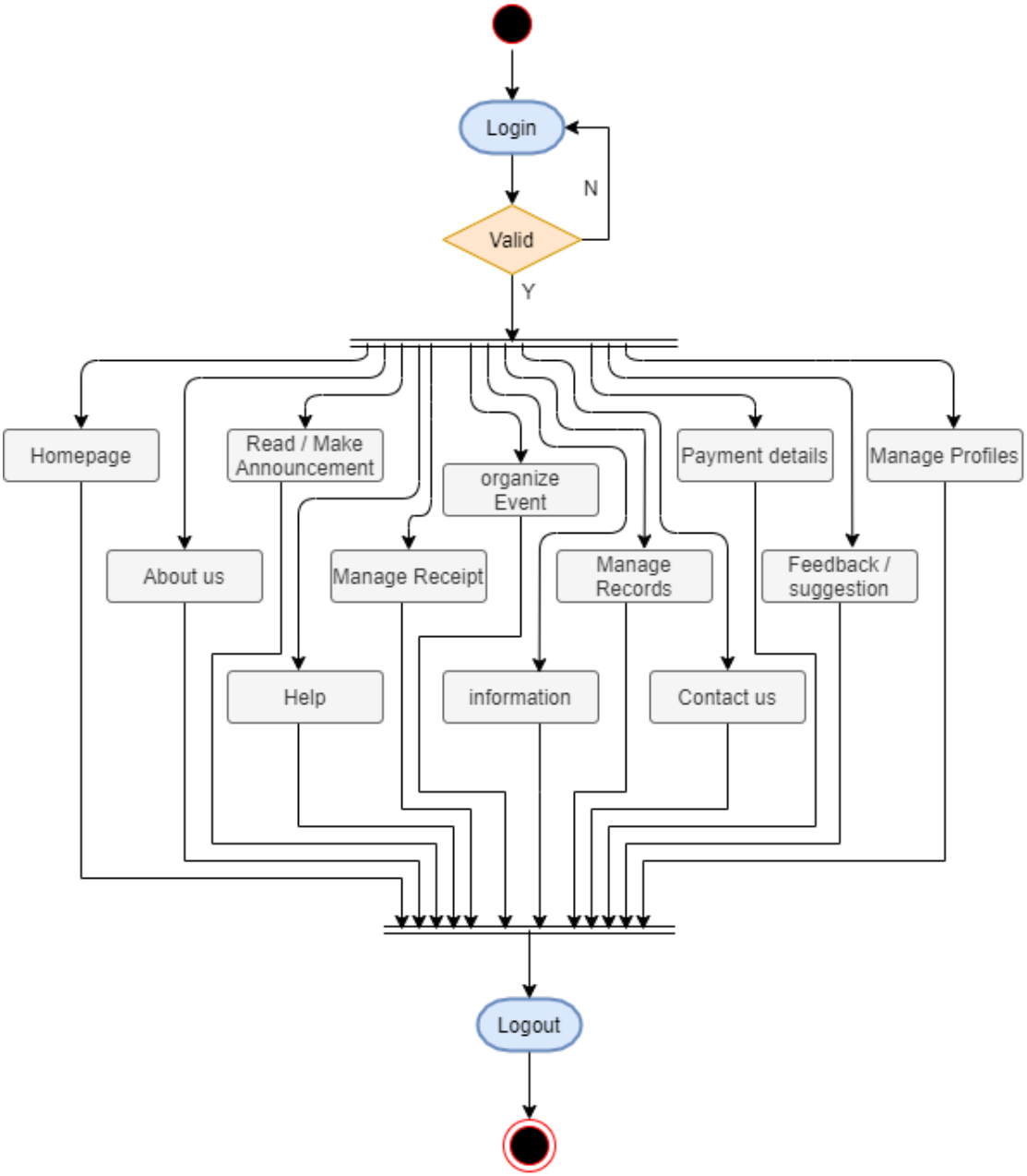


Figure 8 Receiver Activity Diagram

5.1.4 Activity Diagram:

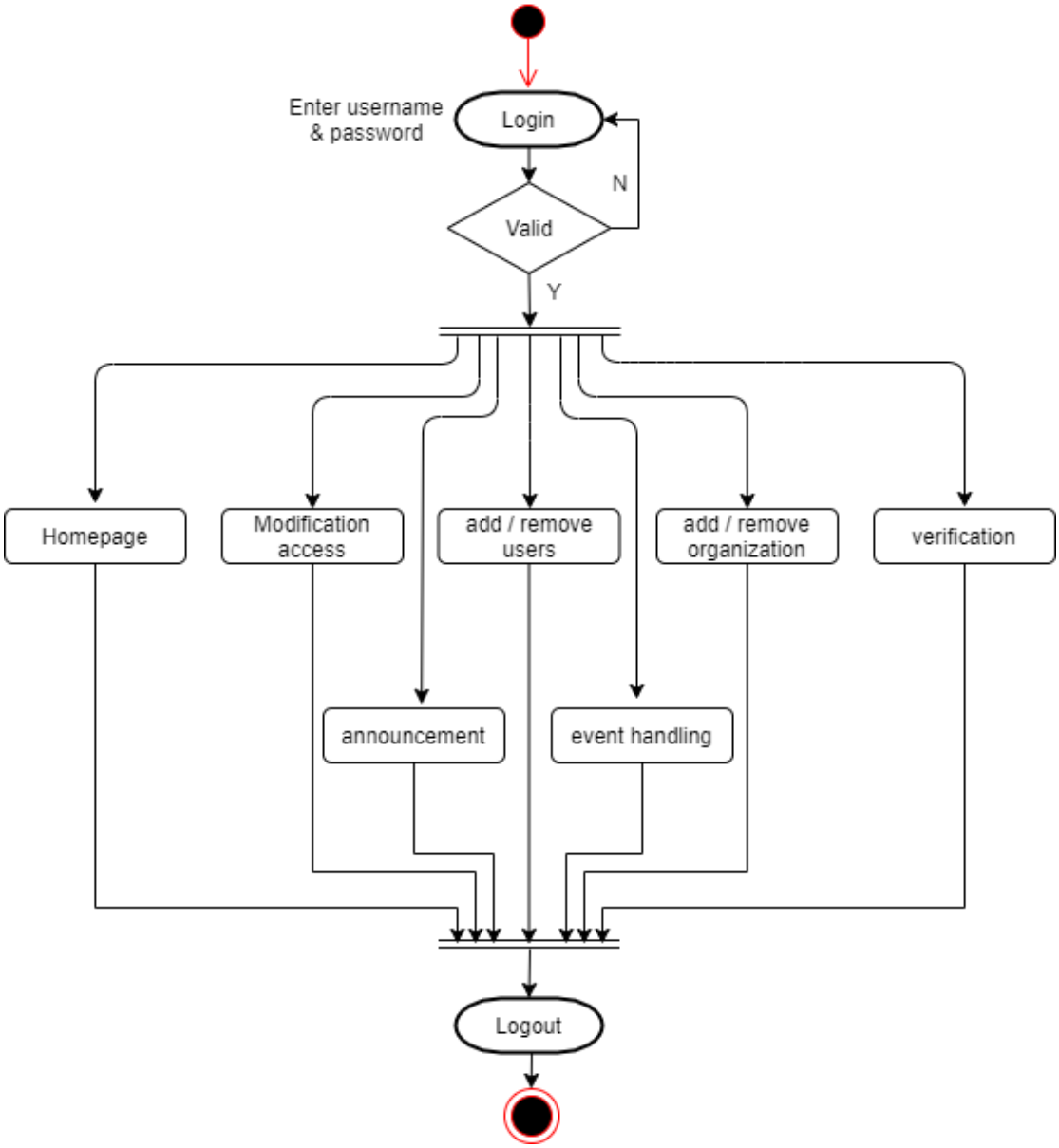


Figure 9 Admin Activity Diagram

5.1.4 Sequence Diagram:

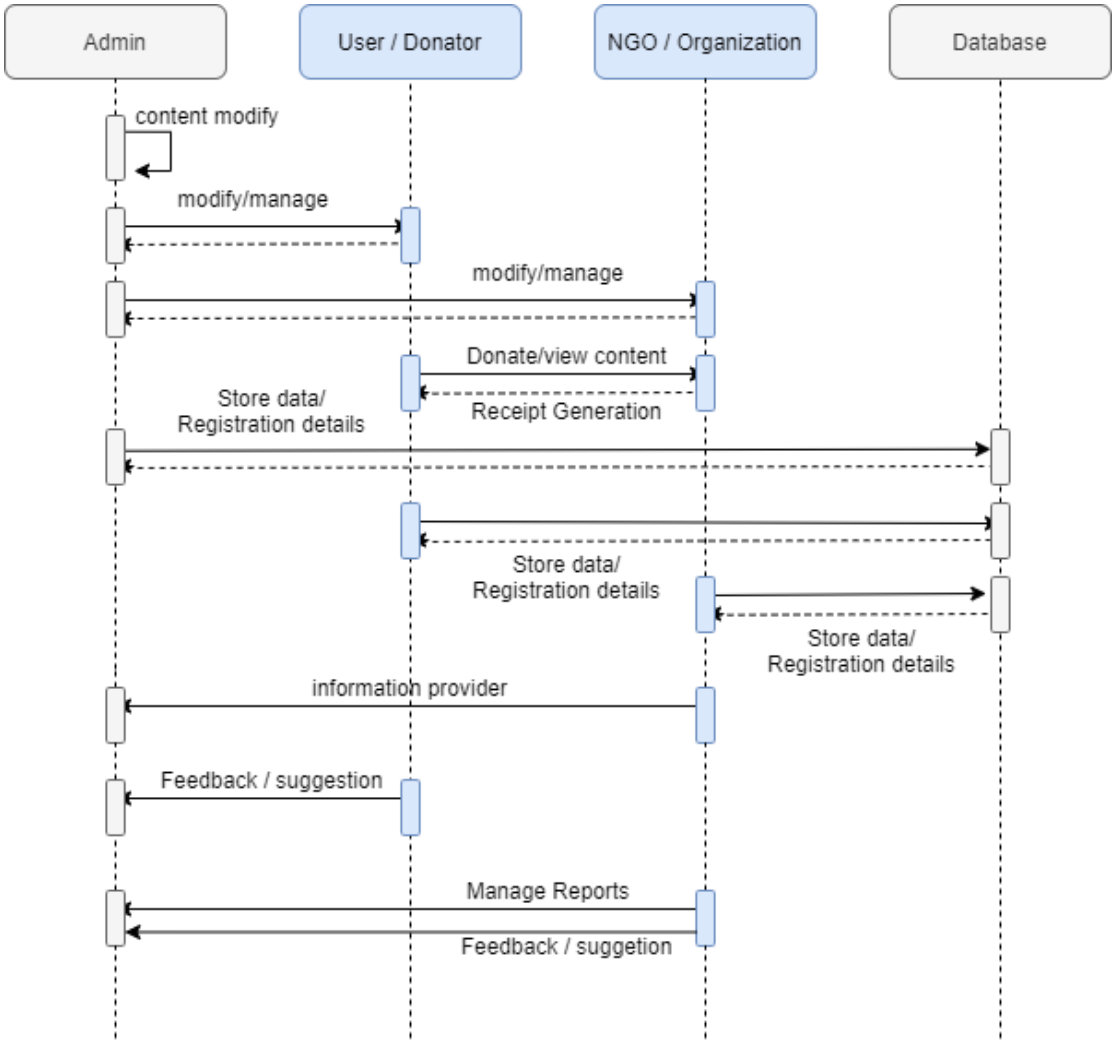


Figure 11 Sequence Diagram

5.1.5 Context level DFD:

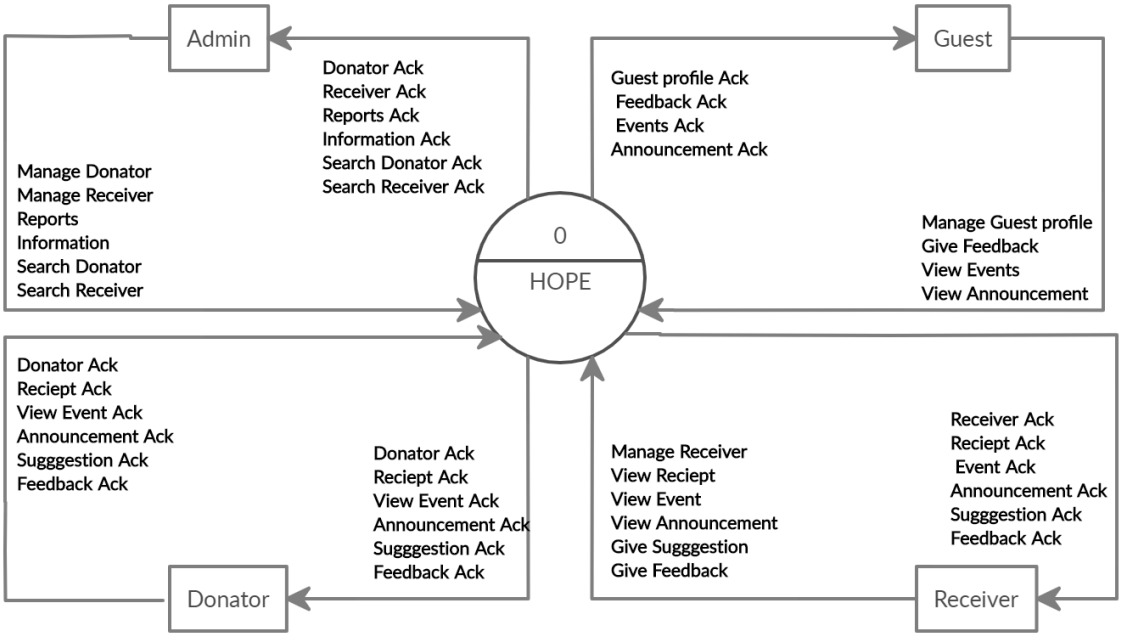


Figure 12 Context level DFD

5.1.6 First level DFD:

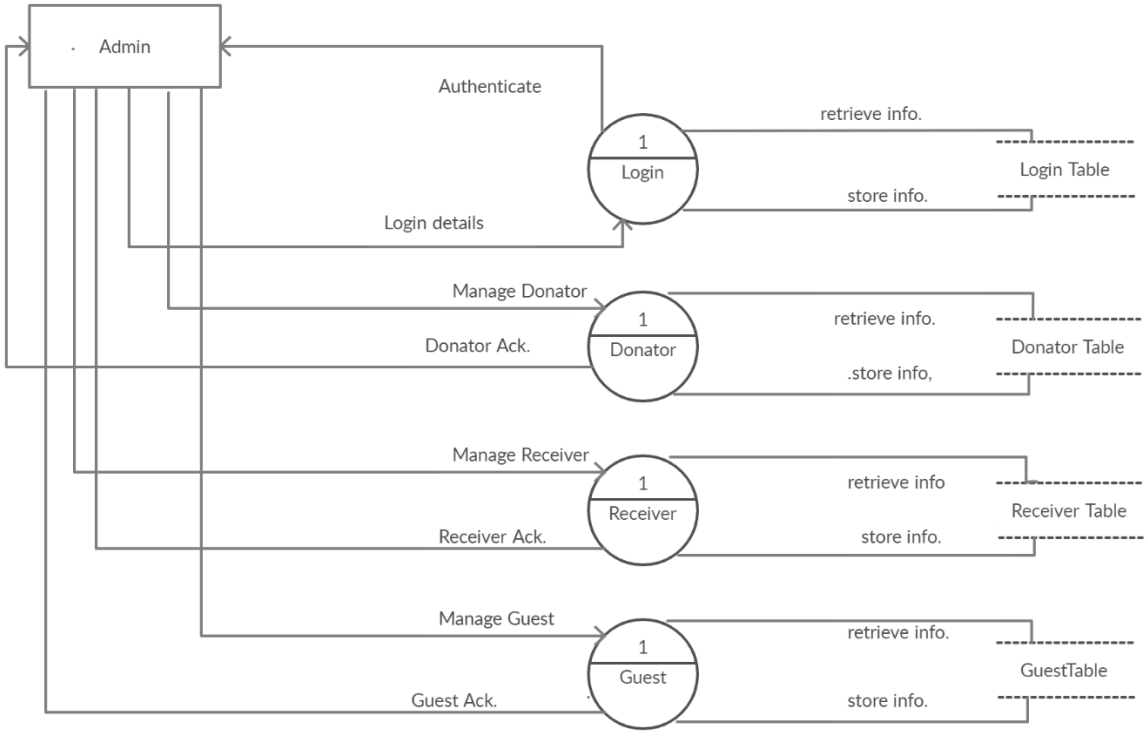


Figure 13 first level DFD of admin

5.1.7 First level DFD:

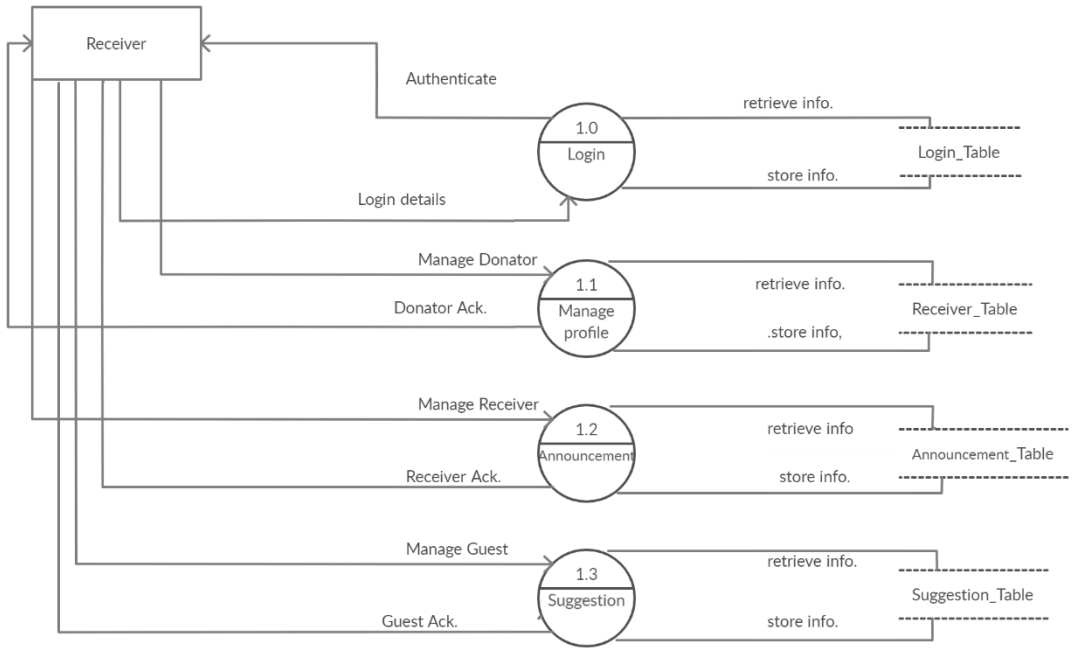


Figure 14 first level DFD of receiver

5.1.8 First level DFD:

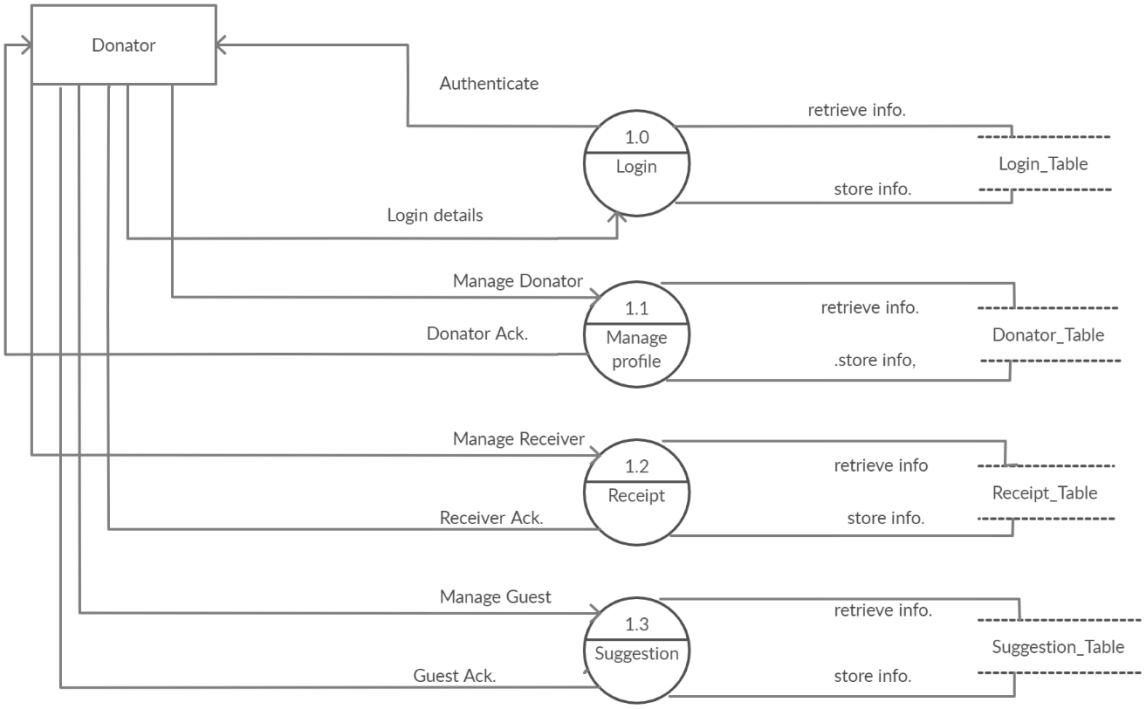


Figure 15 first level DFD of donator

5.1.9 First level DFD:

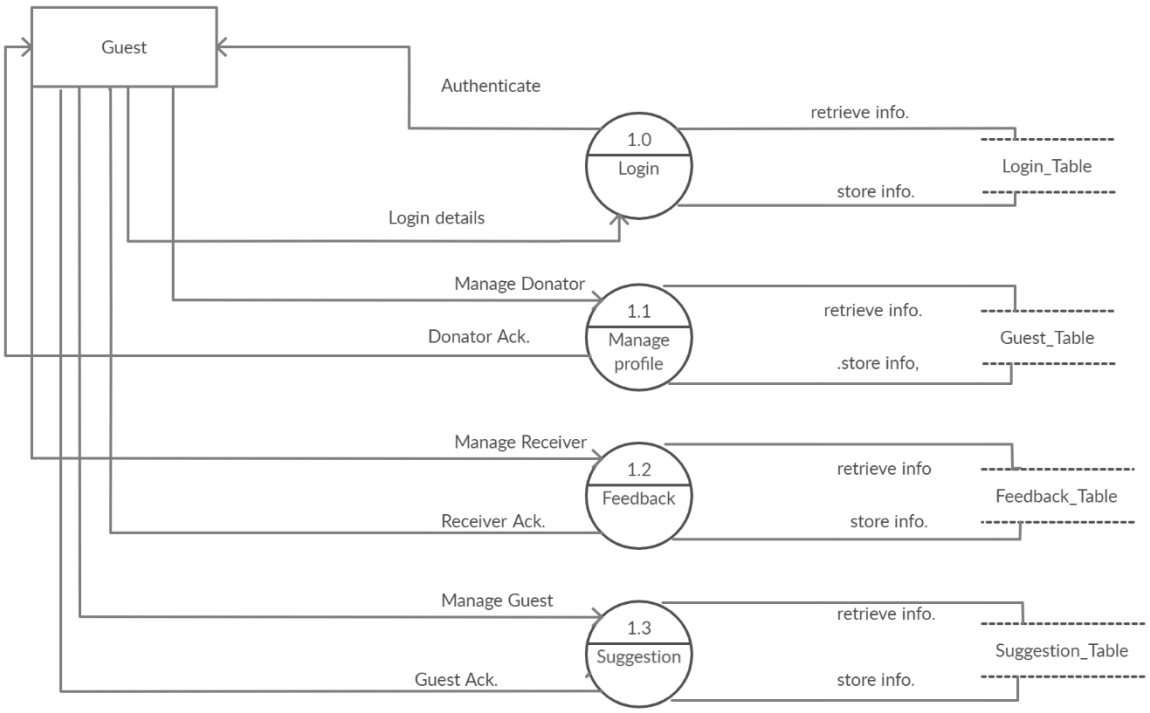


Figure 16 first level DFD of guest

5.1.9 Entity relationship Diagram (ERD):

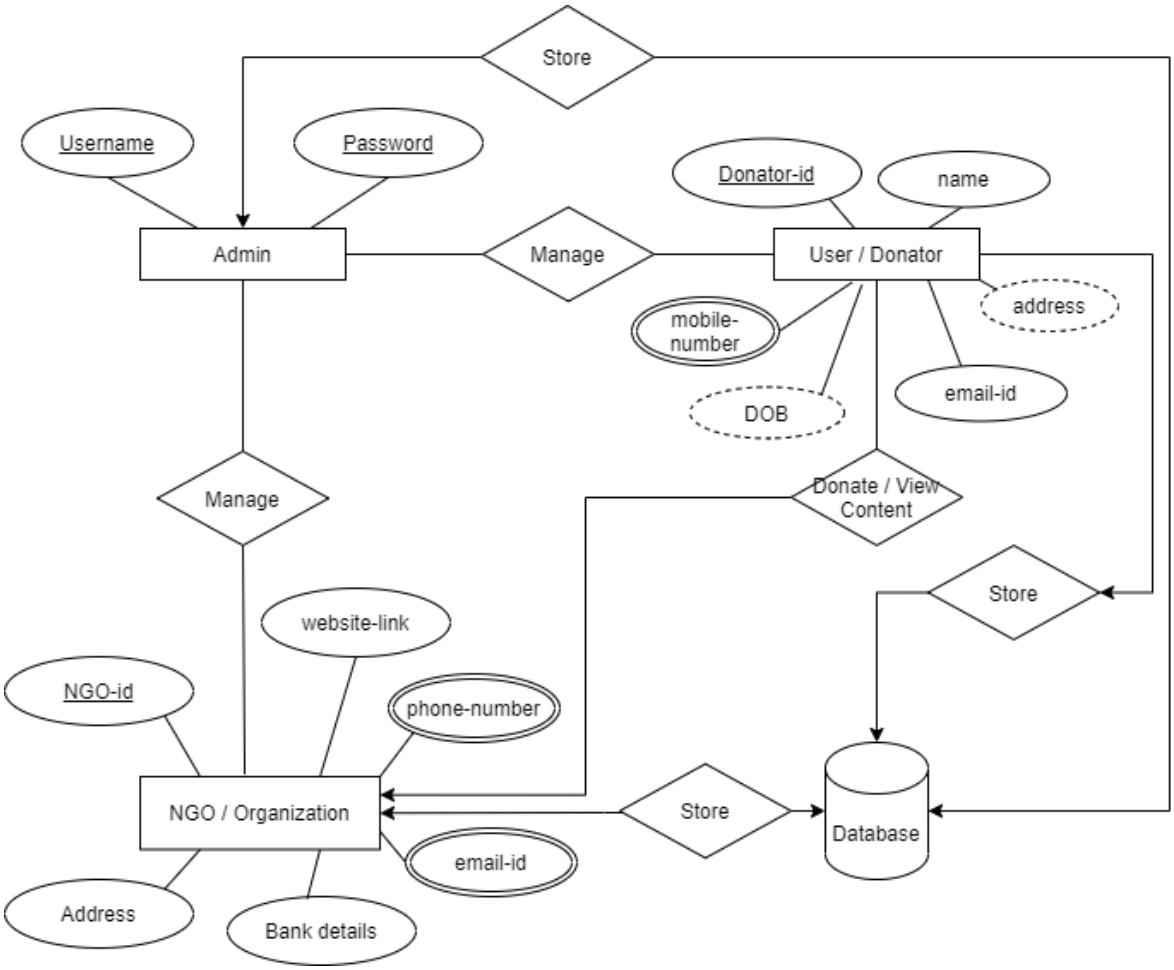


Figure 17 E-r Diagram

5.2 Database Design

5.2.1 Data Dictionary

In database management system file that defines the basic organization of a database. A data dictionary contains a list of all files in the database, the number of records in each file, and the names and types of each field. Most database management systems keep the data dictionary hidden from users to prevent them from accidentally destroying its contents.

Following are the database tables of the project:

NO	Table Name	Table Description
1	Registration	Registration table
2	Receiver	Receiver table
3	Announcement	Announcement table
4	Report	Report table
5	Feedback	Feedback table
6	Event	event table
7	Guest	Guest table
8	Receipt	Receipt table
9	Admin	Admin table

Table 1 Table of Table-Name

Following are the database tables with the fieldnames, data types, length, key field, and description.

1. Registration table

The information related Registration is stored in the Registration table. This gives various information while User interact with its profile.

Field Name	Data Type	Size	Constraint	Description
First Name	Varchar	15	PK	Store User Name
Last Name	Varchar2	15	Not Null	Store User Name
Mobile No.	Numeric	10	Not Null	Store User Mobile No.
Email id	Varchar2	50	Not Null	Store Email id
Password	Varchar2	20	Unique Key	Store Password
Confirm Password	Varchar2	20	Unique Key	Store Confirm Pass.
DOB	Date	-	Not Null	Store date of Birth
Address	Varchar2	100	Not Null	Store Address
Photo	Varchar2	500	Not Null	Store Photo’s Path

Table 2 Registration Table

2. Receiver table

Storing the all the information related receiver.

Table Name	Receiver
Description	Store the information about the Receiver Details .

Field Name	Data Type	Size	Constraint	Description
NGO id	Numeric	15	PK	Store the NGO id
NGO Name	Varchar2	50	PK	Store NGO Name
NGO Password	Varchar2	8	Not Null	Store NGO Password
NGO Email Id	Varchar2	50	Not Null	Store NGO Email id
NGO Address	Varchar2	50	Not Null	Store NGO Address Details
Bank Details	Varchar2	50	Not Null	Store Bank Details
NGO Phone No.	Number	10	Not Null	Store NGO Phone No.

Table 3 Receiver Table

3. Announcement table

It stores different type of Announcement Details and other related information which includes Places and other.

Table Name	Announcement
Table Description	Store the information about the Announcement Details.

Field Name	Data Type	Size	Constraint	Description
Name	Varchar2	30	PK	Store Name
Place	Varchar2	10	Not Null	Store Place name
Date	Date	-	-	Store date
Time	Time	-	-	Store Time

Table 4 Exam Table

4. Report table

All the information related Report will be stored in this table.

Table Name	Department
Table Description	Store the information about the Report.

Field Name	Data Type	Size	Constraint	Description
Name	Varchar	20	PK	Store Name
E-mail	Varchar	50	Not Null	Store E-mail
Date	Date	-	-	Store Date
Time	Time	-	-	Store Time
Mobile No.	Numeric	10	Not Null	Store Mobile No.
Address	Varchar2	100	Not Null	Store Address

Table 5 Report Table

5. Feedback table

Feedback information is stored in this table.

Table Name	Feedback
Description	Store the information about Feedback Details.

Field Name	Data Type	Size	Constraint	Description
E-mail	Varchar2	30	PK	Store E-mail id
About us	Varchar2	200	Not Null	Store About Us

Table 6 Feedback Table

6. Event table

Event Name, Place, Time Store in This Table.

Table Name	Subject
A Description	Store the information about the Event Details.

Field Name	Data Type	Size	Constraint	Description
Event Name	Varchar2	10	PK	Store Event Name
Time	Time	-	-	Store Event Time
Place	Varchar2	15	Not Null	Store Place
Date	Date	-	-	Store Date
Organizer Name	Varchar2	20	-	Store Organizer Name

Table 7 Event Table

7. Guest Table

Storing the Details Guest in this Table.

Table Name	Details
Description	Store the information about Guest Details.

Field Name	Data Type	Size	Constraint	Description
Name	Varchar2	15	PK	Store Guest Name
E-mail	Varchar2	20	FK	Store E-mail Id
Mobile No.	Numeric	10	Not Null	Store Mobile No.
Address	Varchar2	100	Not Null	Store Address

Table 8 Guest Table

8. Receipt table

Record the Receipt Details Like Name and Many More.

Table Name	Receipt
Description	Store the information about Receipt

Field Name	Data Type	Size	Constraint	Description
Name	Varchar	50	PK	Store Name
Receipt id	Numeric	10	PK	Store Receipt Id
Recipient Name	Varchar2	10	Not Null	Store Recipient Name
Time	Time	-	-	Store Time
Date	Date	-	-	Store Date

Table 8 Receipt Table

9. Admin Table

Record The Admin Details Like Username & Password.

Table Name	Login(Admin)
Table Description	Store the information about Login Of Admin

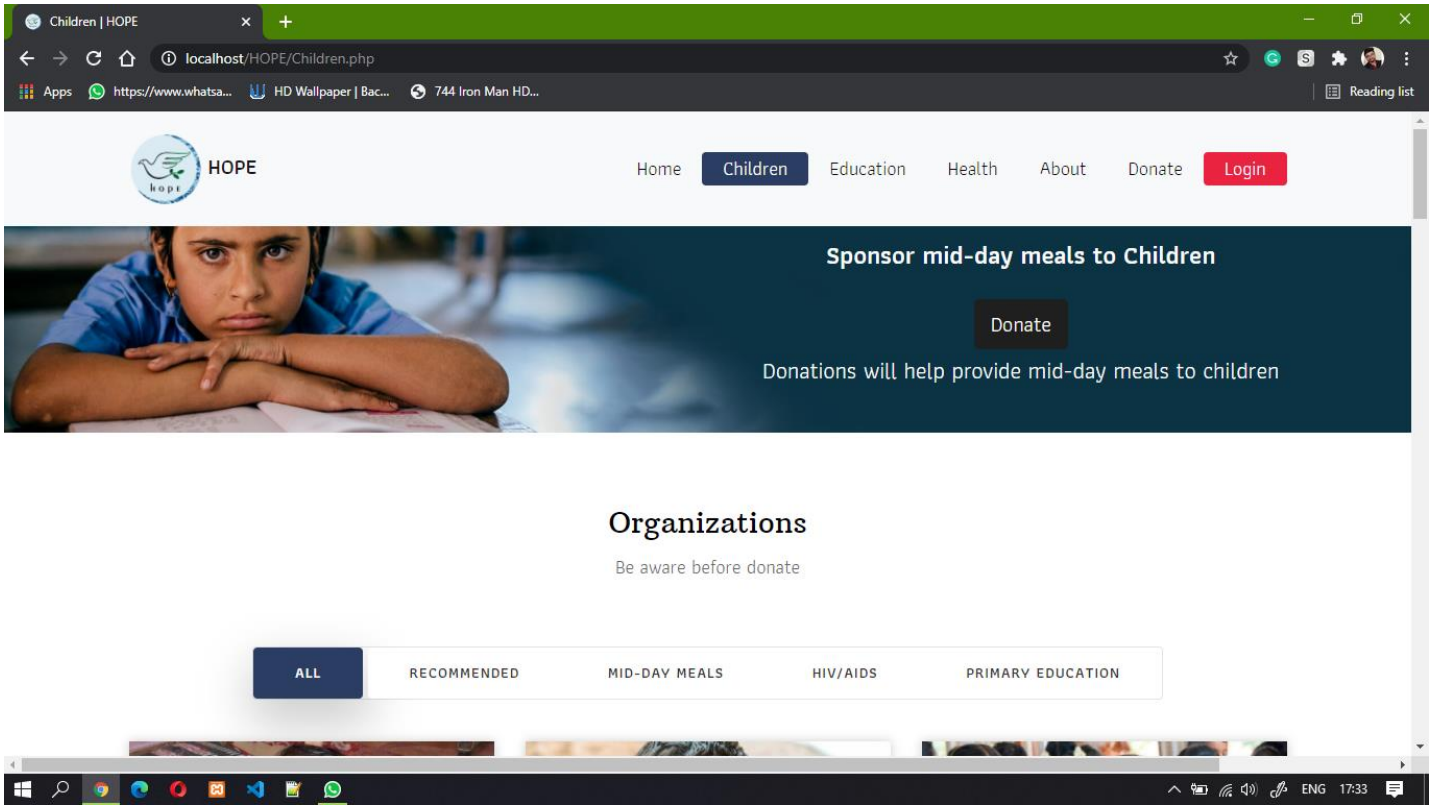
Field Name	Data Type	Size	Constraint	Description
Username	Varchar2	10	PK	Store Admin ID
Password	Varchar2	8	Not Null	Store Password

Table 9 Admin Table

6. Implementation of Project

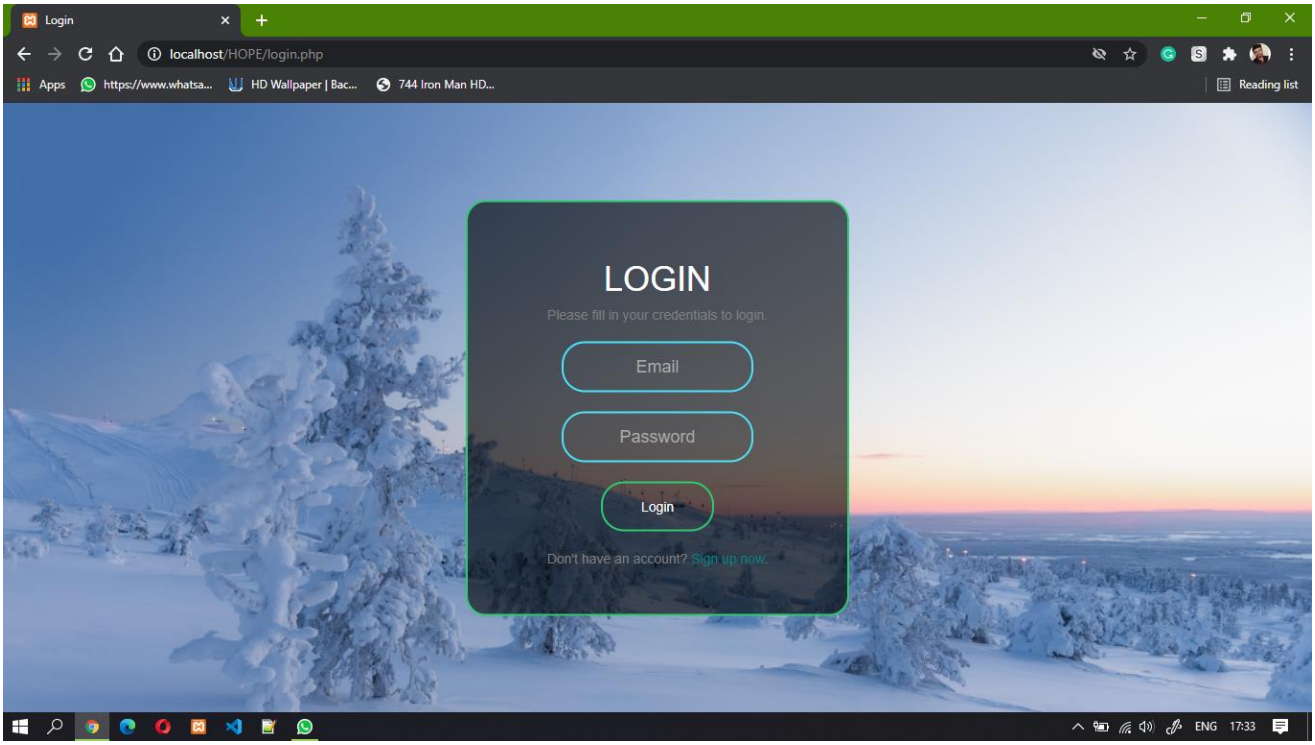
1. Website Logo.

Description: This is our Website’s Logo.



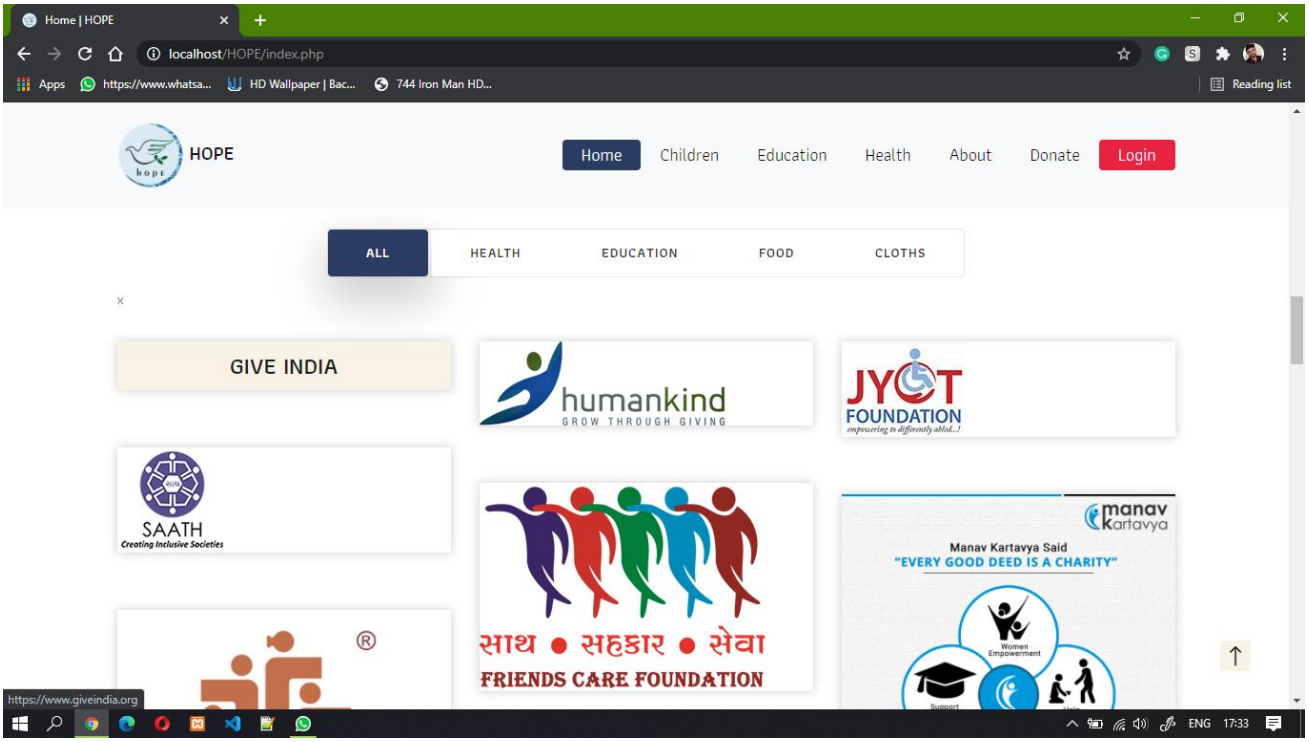
2. Website Dashboard (Home Screen).

Description: This is our Website's Dashboard Screen.



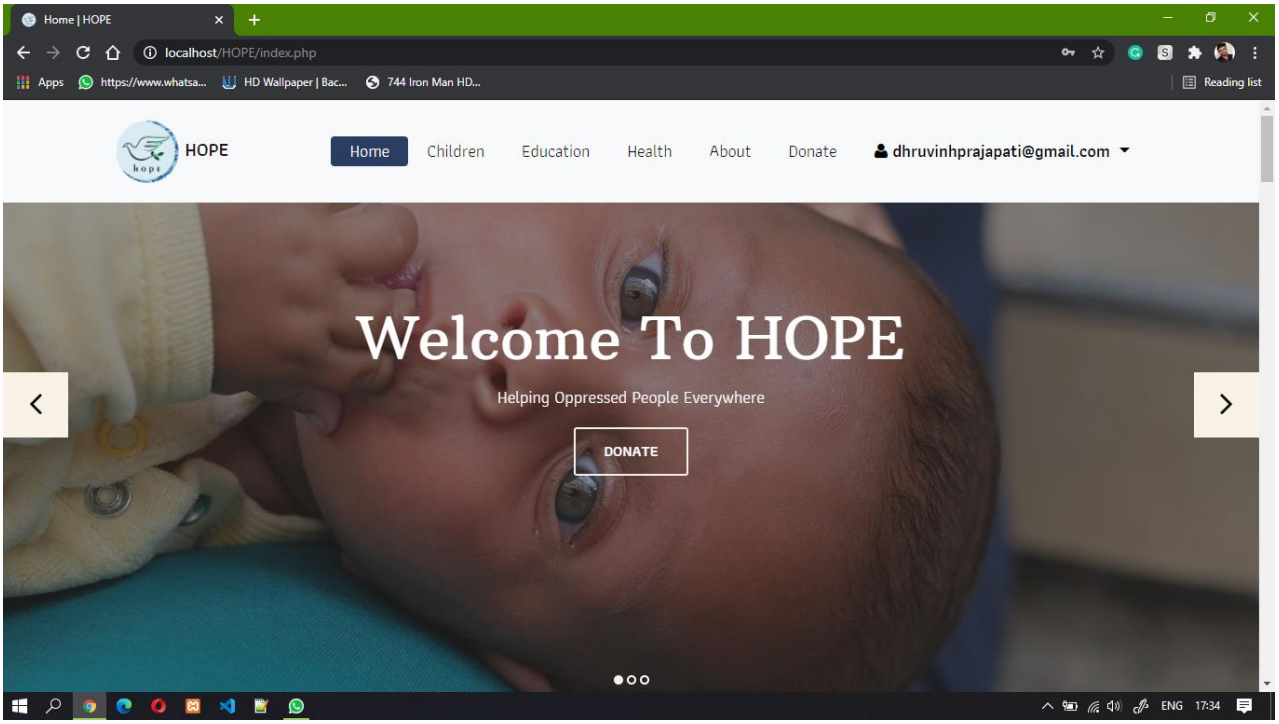
3. Website Login Page.

Description: This is our Website's Login Screen.



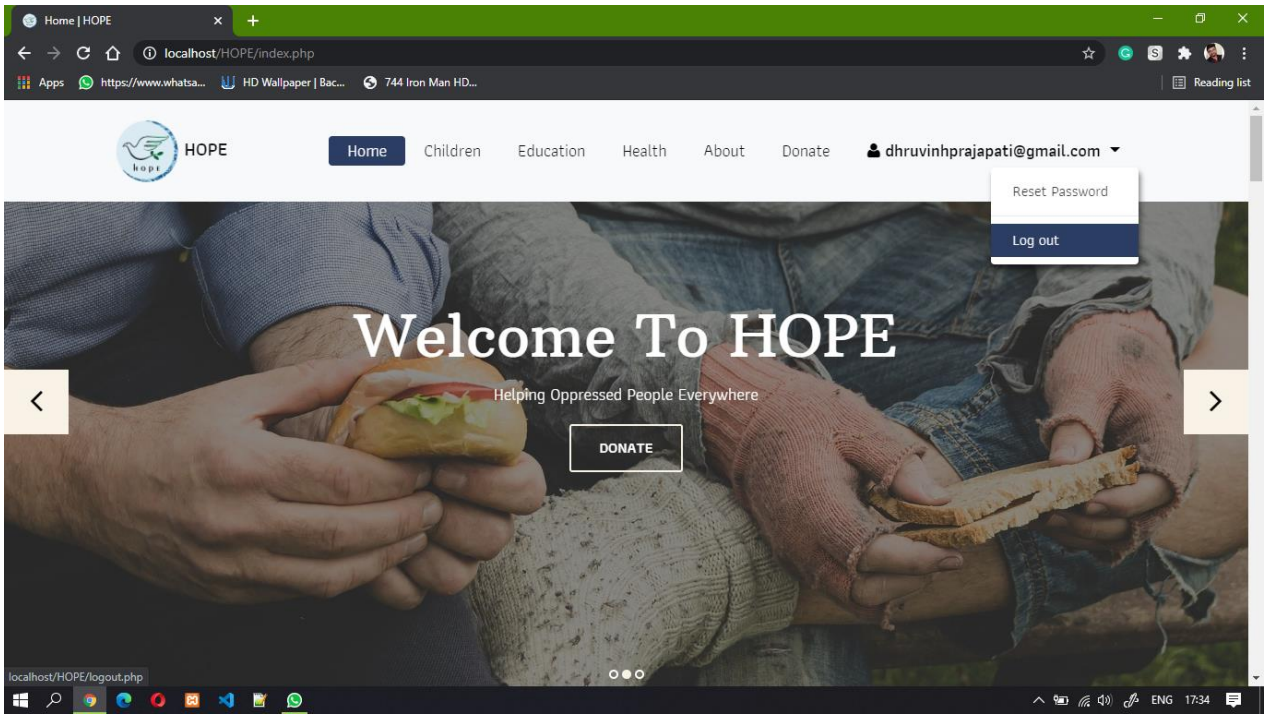
4. Website NGO's Page

Description: This is our Website's NGO's Screen.



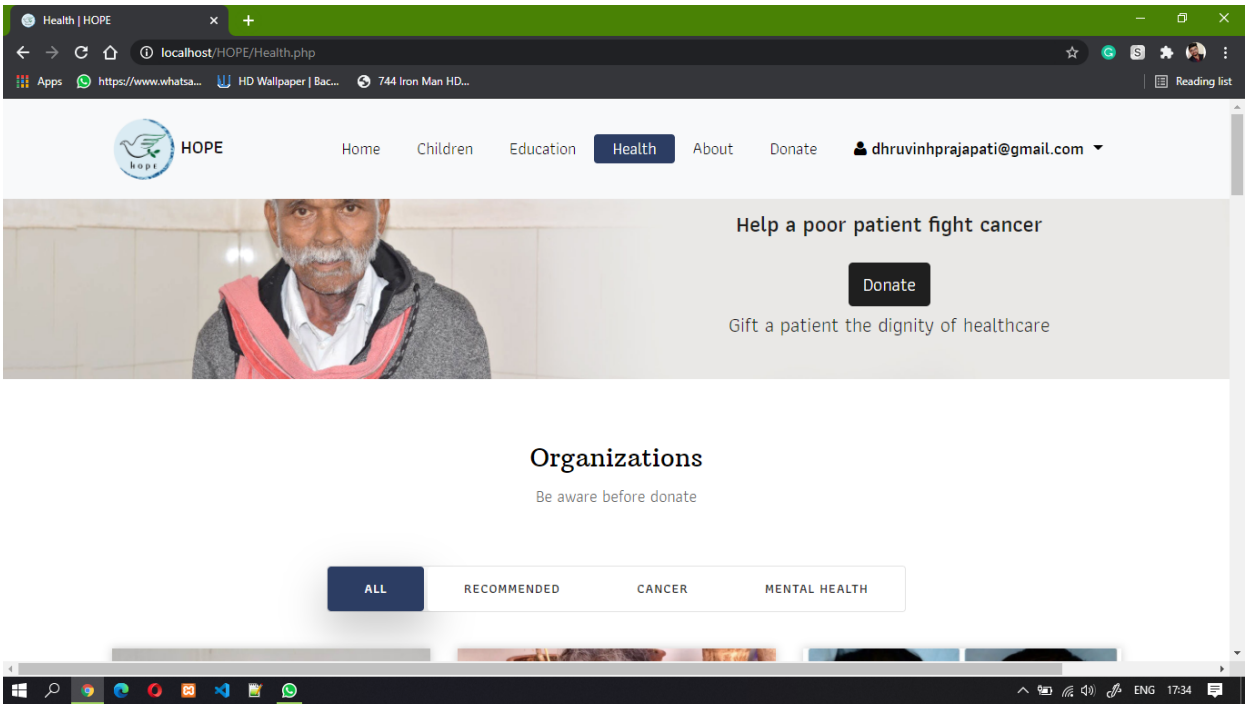
5. Website Donation Page.

Description: This is our Website's Donation Screen.



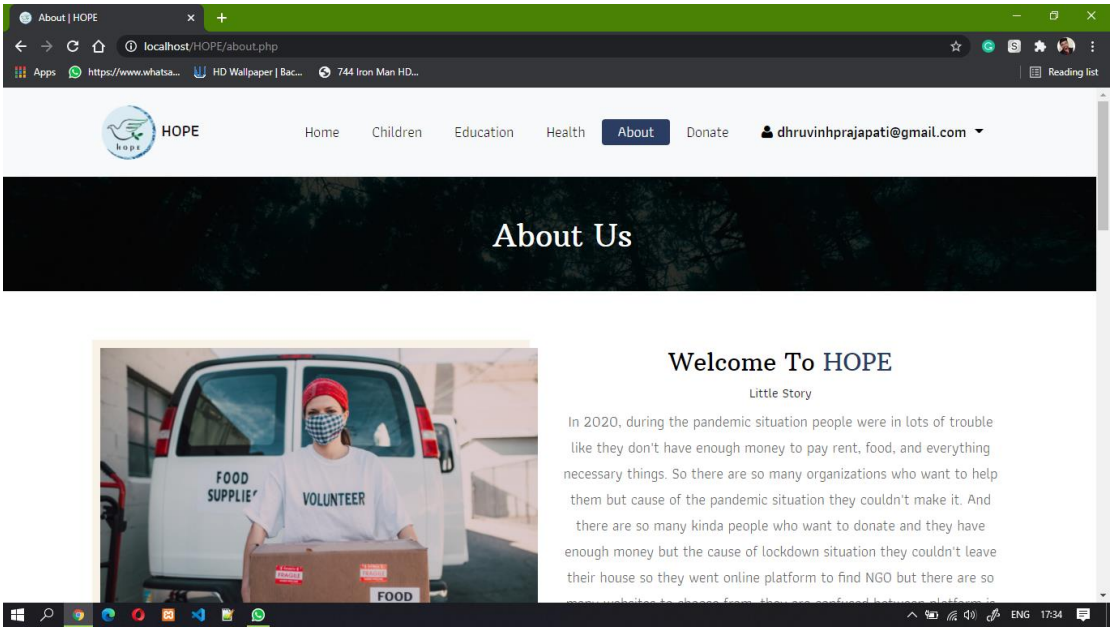
6. Website Logout Page

Description: This is our Website's Logout Screen.



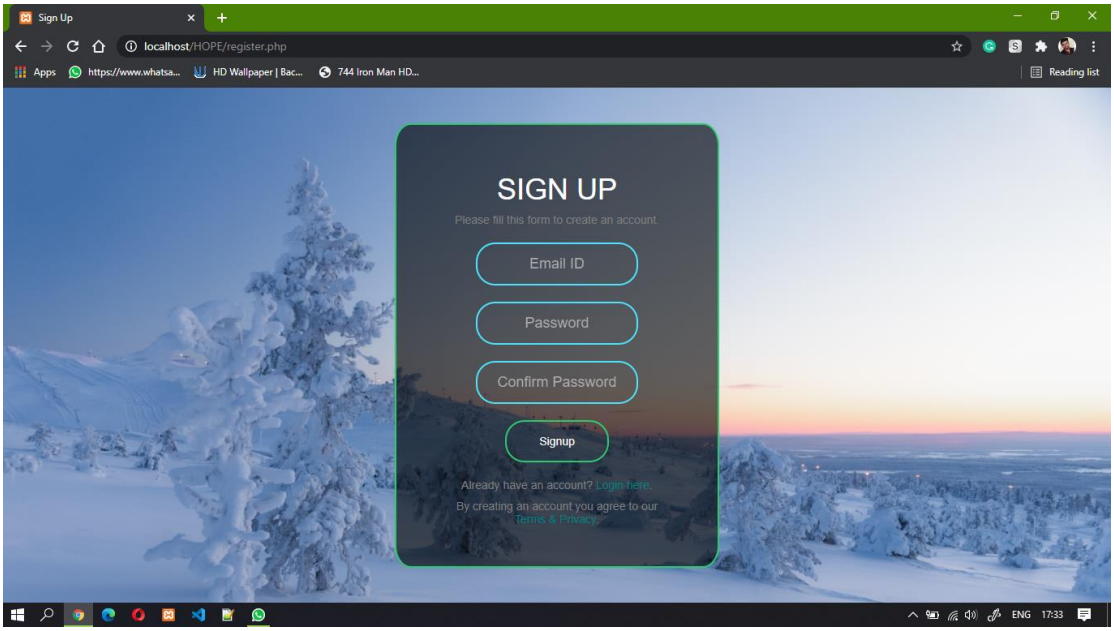
7. Website Organization List Page

Description: This is our Website's Organization List Screen.



8. Website About us Page.

Description: This is our Website's About Us Screen.



9. Website Signup Screen

Description: This is our Website's Signup Screen.

7. Test Cases

Name of the Test Case: Login Page.

Test Case	Test Case Description	Expected Results	Pass/Fail	Actual Results
01	Click on login link	It should be open login page without missing any themes	pass	It has opened proper login page,by clicking the login link
02	Click on login button without giving username & password	It should be ask for enter username&password	pass	It has showing error message for"enter username& password"
03	Enter username without password	It should be ask for enter password	pass	It has displayed error message for"enter password"
04	Enter password without username	It should be ask for enter username	pass	It has displayed error message for"enter username"
05	Enter invalid username& password	It should be show message for invalid username& password	pass	It has displayed error message for "please enter valid username & password"
06	Enter valid username & password	It should be redirect to other page	pass	It has redirected to other page

Name of the Test Case: Network Connection

Internet Connection must be required.

8. Conclusion

The project report entitled “HOPE" has come to its final stage. The important thing is that the system is robust. Also provision is provided for future developments in the system. The entire system is secured. This online system will be approved and implemented soon. The system has been developed with much care that it is free of errors and at the same time it is efficient and less time consuming.

- The Website provide appropriate information to users according to chosen services.
- The project designed keeping in view the day today problems faced by a college.
- Deployment of our Website will certainly help the college to reduce unnecessary wastage of time in personally going to the each department for some information.
- Awareness and right information about any Organization is essential for both the development of donator as well as college.

9. Bibliography

- Reference Website :-

  - www.tutorialspoint.com
  - www.stackoverflow.com
  - www.w3school.com
  - www.codeproject.com

- Reference Books :-

  - PHP & MySQL Book by Laura Thomson and Luke
  - WellingLearning PHP, MySQL, JavaScript, CSS & HTML5: A Step-by-Step Guide to Creating Dynamic Websites Book by Robin Nixon
  - PHP: A Beginner's GuideBook by Vikram Vaswani
  - PHP Advanced and Object-Oriented Programming: Visual QuickPro Guide Book by Larry Ullman