

PROJECT REPORT

ORPHANAGE DONATIONS MANAGEMENT SYSTEM

ORPHAN CONNECT -THE RESTORING HOPE

A project report dedicated to the courses

Database Management System

Software Engineering

Submitted by Team 15

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Introduction

There are many people who thought of helping the orphans. But cannot proceed further due to lack of information about orphanage and their requirements. This tends to go to orphanages and do donations personally. This project will act as the best platform to the people who are kind towards the orphans. But in Today's busy lives it is not that possible for everyone. We are providing an online donation management for orphanages where one can directly donate to orphanages based on their need.

Motivation

In our project we are bridging the gap between two sets of people - people who want to give , who want to try and make a difference along with those who are doing phenomenal work but don't know how to reach out to the people who want to support them.

Tools used

- **Frontend:** HTML,CSS,JavaScript.
- **Backend:** PHP
- **DataBase:**MySQL

Process

- The user(orphanage administrator or manager) is supposed to sign up (create an account) in order to enroll in the website.
- They are provided by different options such as *enrollment, medical emergency details* of children(orphans) in case if any and *requirement details* of the orphanage to share their needs. They have another option to update these details if they are required and the

changes have been recorded in the orphanage details display page accordingly.

- The requirements and information shared by the orphanage administrator are further displayed for the sake of donors.
- Donors can donate various things such as clothes, furniture, etc., by online mode and these donations that have been done to various orphanages and those details are displayed and accessed by orphanage admin(using orphanage id).
- And anyone can register as a volunteer and the data of that person who needs to volunteer will be displayed in the donations display page.(and if they want to accept them,they can contact by using those details that are displayed).

Conclusion

From our project we are providing users(donors) basic knowledge of the orphanages around them and the needs of those orphanages. We are also providing orphanage login options to create their account and update their needs that need to be displayed.

DATABASE SCHEMA

Schema for "Orphanage" database

The screenshot shows the phpMyAdmin interface for the 'Orphanage' database. The left sidebar lists the database structure with tables like 'bank_details', 'contact_details', 'dona', 'manager_details', 'organisation', 'org_pho_no', 'orphanage_details', 'other_info', 'other_info_2', 'other_info_3', 'requirements', and 'verification_details'. The main area displays the 'orphanage_details' table structure, which includes columns for 'id', 'name', 'address', 'city', 'state', 'pincode', 'phone', 'email', 'date', 'status', and 'type'. The table has 11 rows and 11 columns.

Structure **SQL** **Search** **Query** **Export** **Import** **Operations** **Privileges** **Routines** **Events** **Triggers**

Untitled *

- organization**
 - orphanage_id: int(11)
 - orphanage_name: varchar(50)
 - date_of_establishment: date
 - capacity: int(11)
 - boys: int(11)
 - girls: int(11)
 - staff: int(11)
 - phn_no1: varchar(10)
 - phn_no2: varchar(10)
 - landline: varchar(12)
 - email_address: varchar(50)
- verification_details**
 - orphanage_id: int(11)
 - loc_proof: varchar(100)
 - bill: float
 - manager_image: varchar(100)
 - other_no: varchar(12)
 - id_proof: varchar(100)
 - govt_certificate: varchar(100)
- other_info_1**
 - orphanage_id: int(11)
 - branch1: text
 - branch2: text
 - branch3: text
- other_info**
 - orphanage_id: int(11)
 - img_hm_over: int(11)
 - sponsors: text
 - Instagram_id: varchar(50)
 - Instagram_url: varchar(200)
 - Facebook_id: varchar(50)
 - fb_url: varchar(200)
 - Twitter_id: varchar(50)
 - twitter_url: varchar(200)
- manager_details**
 - orphanage_id: int(11)
 - firstname: varchar(50)
 - lastname: varchar(50)
 - gender: enum(Male, Female, Other)
 - DOB: date
 - phn_no: varchar(10)
 - phn_no2: varchar(10)
 - email_id: varchar(50)
- contact_details**
 - orphanage_id: int(11)
 - relief: text
 - colony: text
 - area: text
 - city: text
 - state: text
 - pincode: int(6)
- bank_details**
 - orphanage_id: int(11)
 - bank_name: text
 - branch: text
 - branch_pincode: int(6)
 - acc_no: varchar(10)
 - ifsc_ifsic: varchar(10)
 - UPI_id: varchar(20)
 - re_UPId: varchar(20)

Schema for “Donation” database:

Table	Action	Rows	Type	Collation	Size	Overhead
appliances		1	InnoDB	utf8mb4_general_ci	16.0 KB	-
books		2	InnoDB	utf8mb4_general_ci	16.0 KB	-
clothes		15	InnoDB	utf8mb4_general_ci	16.0 KB	-
formal_volunteer		1	InnoDB	utf8mb4_general_ci	16.0 KB	-
furniture		2	InnoDB	utf8mb4_general_ci	16.0 KB	-
groceries		3	InnoDB	utf8mb4_general_ci	16.0 KB	-
money		2	InnoDB	utf8mb4_general_ci	16.0 KB	-
tml_medical_volunteer		1	InnoDB	utf8mb4_general_ci	16.0 KB	-
toys		3	InnoDB	utf8mb4_general_ci	16.0 KB	-
5 tables		40	InnoDB	utf8mb4_general_ci	144.0 KB	0.8

Schema for “medical emergency” database:

Recent Favorites

Server: 127.0.0.1 » Database: medical_emergency

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers

Untitled *

medical_emergency dbms

- # child_id : int(11)
- child_name : varchar(100)
- Orphanage_name : text
- Gender : enum('male','female','others')
- Dateofbirth : date
- Disease : varchar(50)
- Therapeutics : text
- # Amount : int(10)
- Email : text
- Name : varchar(100)
- Phone_number : varchar(43)
- address : varchar(335)
- bank_name : text
- branch : text
- account_number : varchar(20)
- ifsc_code : varchar(10)
- # phone : bigint(11)
- # arranged_amount : bigint(20) unsigned
- # remaining_amount : bigint(20)

medical_emergency funds

- funds_id : int(11)
- First_name : varchar(50)
- Last_name : varchar(50)
- Email : varchar(100)
- Phone : bigint(11)
- Gender : enum('male','female','other')
- mode_of_transfer : varchar(100)
- # amount : int(50)
- transaction_id : varchar(20)
- child : varchar(100)
- donate_time : timestamp

medical_emergency bank_info

- child_id : int(11)
- bank_name : text
- branch : text
- account_number : varchar(20)
- re_account : varchar(20)
- ifsc_code : varchar(10)
- re_ifsc : varchar(10)
- # phone : bigint(11)

medical_emergency hospital_details

- child_id : int(11)
- Name : varchar(100)
- Phone1 : bigint(11)
- Phone2 : bigint(11)
- Door_no : varchar(50)
- Street : varchar(50)
- Colony : varchar(50)
- Area : varchar(50)
- City : varchar(30)
- State : varchar(30)
- Pin : varchar(50)

medical_emergency child_details

- child_id : int(11)
- child_name : varchar(100)
- Orphanage_name : text
- Gender : enum('male','female','others')
- Dateofbirth : date
- Disease : varchar(50)
- Therapeutics : text
- # Amount : int(10)
- Phone_number : bigint(10)
- Email : text

medical_emergency verification_info

- child_id : int(11)
- child_img : varchar(100)
- medical_certificate : varchar(100)
- reports : varchar(100)

medical_emergency good_sub

- child_id : int(11)
- # amount : bigint(20) unsigned
- # arr_amount : bigint(20) unsigned
- # remain_amount : bigint(20)

Type here to search

Console

10:44 AM 5/3/2021 ENG US

Schema for “user login” database:

Recent Favorites

Server: 127.0.0.1 » Database: user_login

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers More

Filters Containing the word: []

Table	Action	Rows	Type	Collation	Size	Overhead
login	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
usableble	Browse Structure Search Insert Empty Drop	11	InnoDB	utf8mb4_general_ci	16.0 KiB	-
		2 tables Sum			11 InnoDB utf8mb4_general_ci 32.0 KiB	0 B

Check all With selected: []

Print Data dictionary

Create table

Name: [] Number of columns: [] Go

Type here to search

Console

1:33 PM 4/27/2021 ENG US

PROJECT INTERFACE

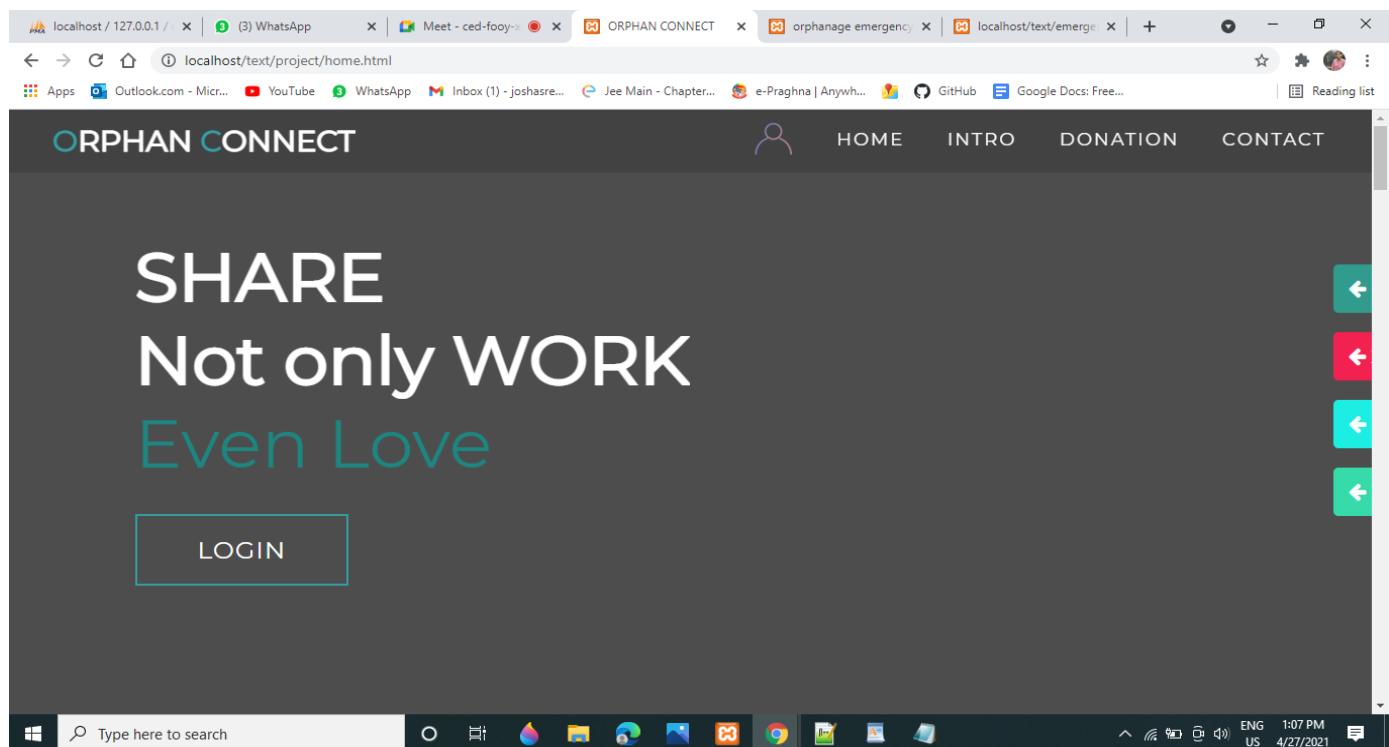
Here is the Home page of our project, it basically contains a navigation bar having four options -

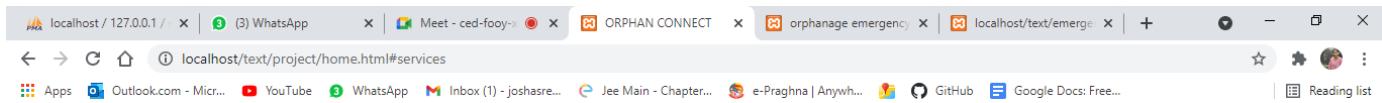
- **HOME**
- **INTRO**
- **DONATION**
- **CONTACT**

A side navigation bar with four options-

- **ORPHANAGE DETAILS**
- **EMERGENCY DETAILS**
- **ENROLLMENT**
- **UPDATE DETAILS**

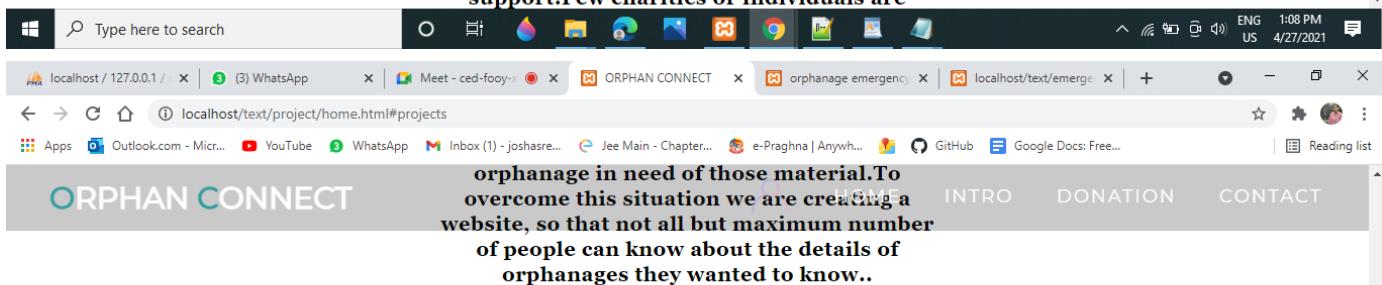
And **LOGIN** option for orphanage.





OUR ORGANISATION

An orphanage is a residential institution devoted to the care of orphans—children whose biological parents are deceased or otherwise unable or unwilling to take care of them. In the absence of named godparent, or other relatives willing to care for the children, they become a ward of the state, and orphanages are one way of providing for their care, housing and education. The idea of our project was born very simply to bridge the gap between two sets of people - people who want to give, who want to try and make a difference along with those who are doing phenomenal work but don't know how to reach out to the people to whom they want to give their support. Few charities or individuals are



orphanage in need of those material. To overcome this situation we are creating a website, so that not all but maximum number of people can know about the details of orphanages they wanted to know..



SUPPORT

The Organisation provides help to the Orphanages in various fields and in different perspects to make them better in all the ways possible like Hospitality , to the development of orphanage and feed themselves..



SAVE LIVES

We try our best to make every child safe in all concerns by adoption , collecting funds for their studies. we always strive to make sure that every child is happy ..



FEED

The first and highest noted problem is the lack of food for an individuals growth, so we made a step to solve the issues of them by our organisation and hoping you to join with us more gracefully..



HOSPITALITY

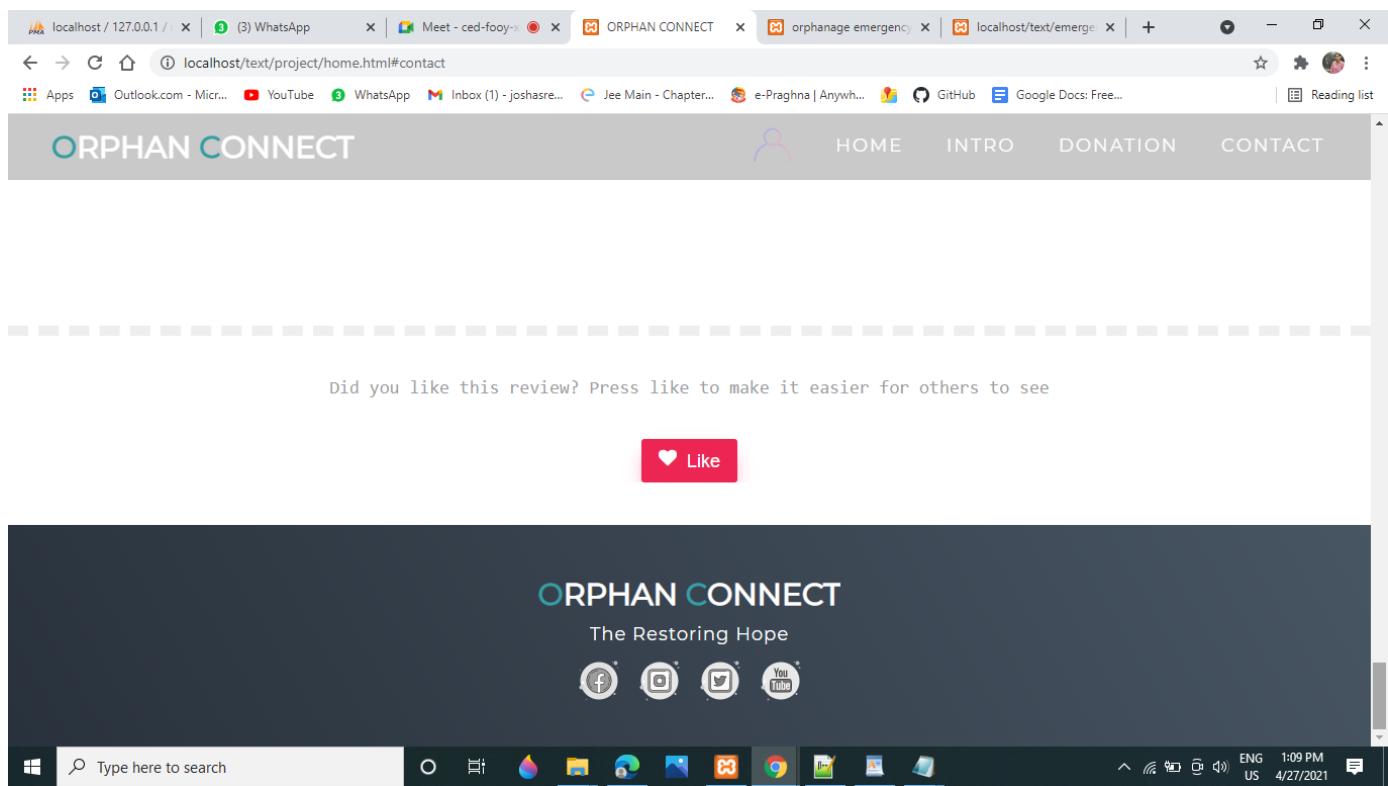
Each and Every heart is responsive to the pain one feels, come !! Lets unite and solve their needs..



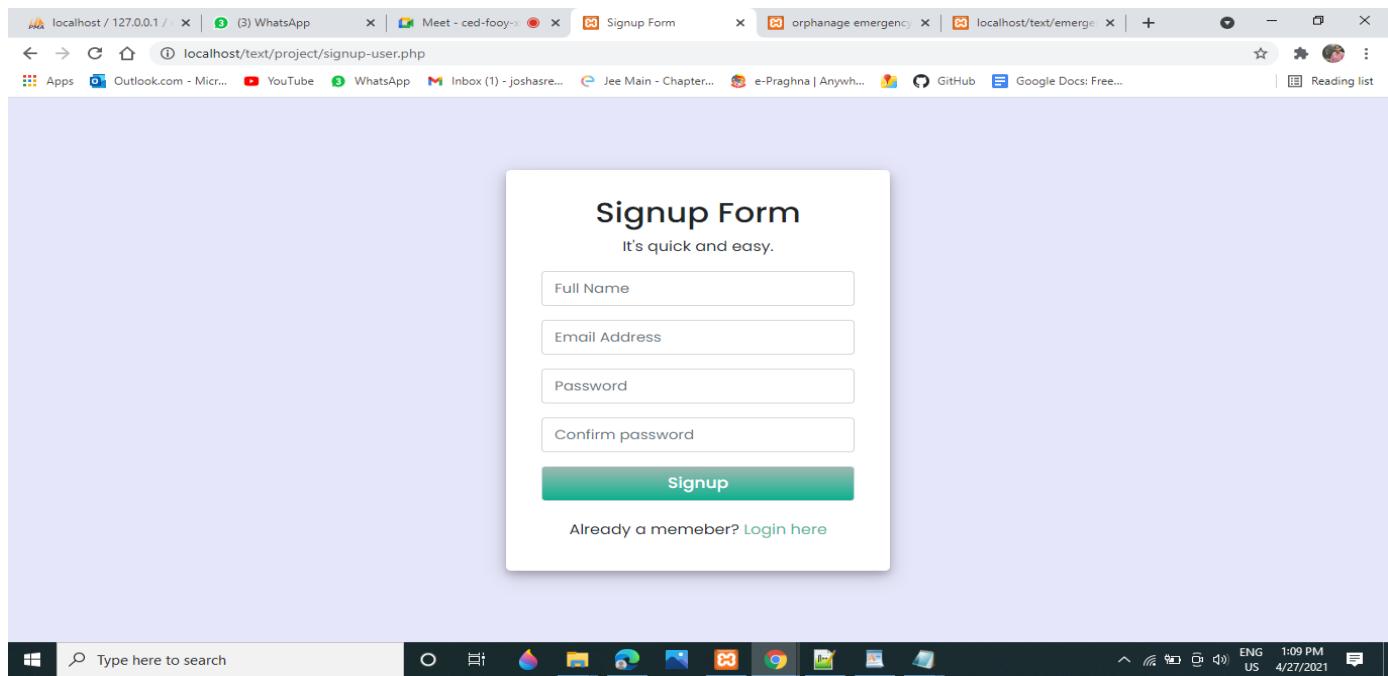
- The **Donate** Button here will redirect the donor to the donation page.

This screenshot shows the 'DONATE' page of the Orphan Connect website. The page has a dark header with the site's logo and navigation links for HOME, INTRO, DONATION, and CONTACT. Below the header, the text 'HELP BELOVED' is displayed in large, stylized letters. A prominent 'DONATE' button is centered above a large image of various clothing items (dresses, shirts, pants) floating above an open cardboard box labeled 'Donate'. To the left of the image, the text 'Donate Clothes' is displayed, followed by a section titled 'A happy Child' containing placeholder text. The Windows taskbar at the bottom shows several open applications and the date/time as 4/27/2021, 1:08 PM.

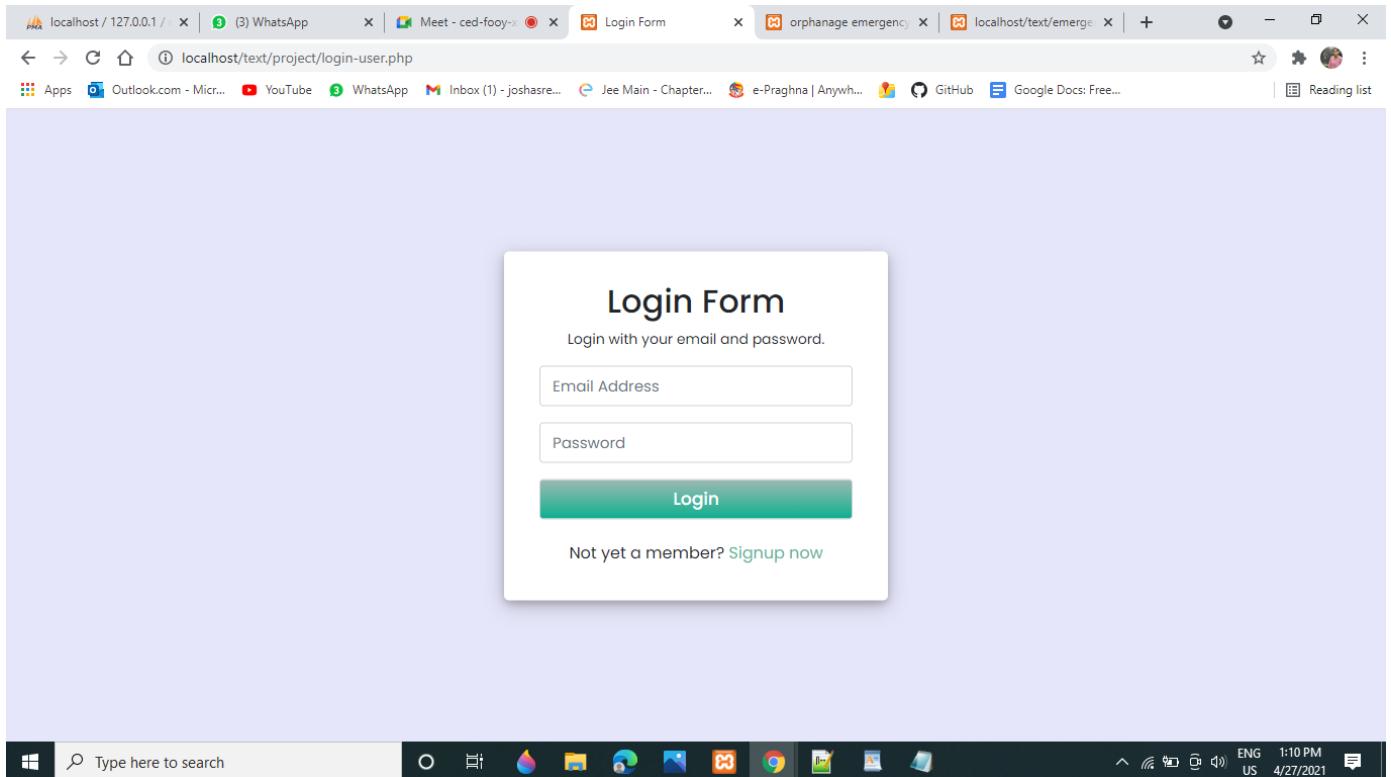
This screenshot shows the 'CONTACT INFO' page of the Orphan Connect website. The page features a large title 'CONTACT INFO' at the top. Below it, there are three contact information boxes: 'contact' (with a phone icon), 'Email' (with an envelope icon), and 'Address' (with a map pin icon). Each box contains the respective contact details. The Windows taskbar at the bottom shows several open applications and the date/time as 4/27/2021, 1:09 PM.



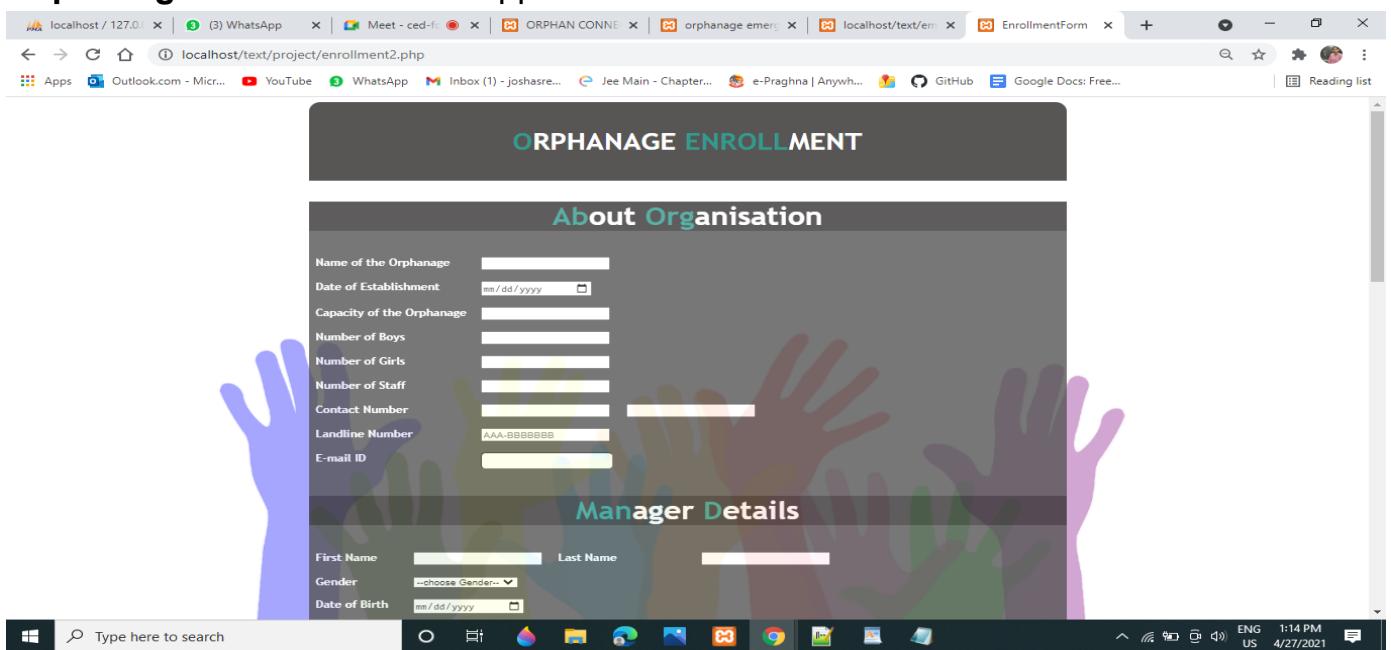
- This is the **signup/registration** form for orphans.

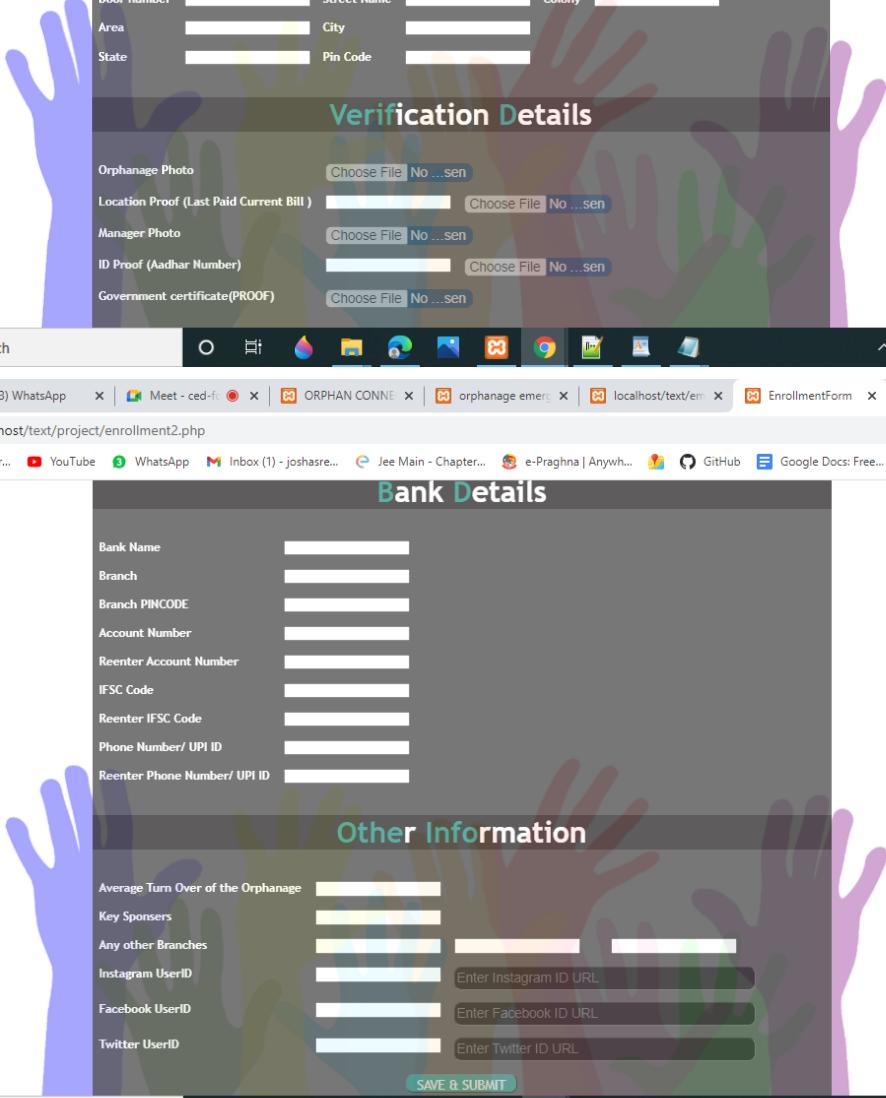


- And the **Login form** appears as follows.



Orphanage enrollment form appears as follows.





localhost / 127.0.0.1 | (3) WhatsApp | Meet - ced-fc | ORPHAN CONNE | orphanage emer... | localhost/text/enrollmentForm | +

localhost/text/project/enrollment2.php

Apps Outlook.com - Micr... YouTube WhatsApp Inbox (1) - joshasre... Jee Main - Chapter... e-Praghn... GitHub Google Docs: Free... Reading list

First Name [input] Last Name [input]
Gender choose Gender
Date of Birth mm/dd/yyyy
Phone Number [input] [input]
Email [input]

Contact Details

ADDRESS

Door number [input] Street Name [input] Colony [input]
Area [input] City [input]
State [input] Pin Code [input]

Verification Details

Orphanage Photo Choose File No...sen
Location Proof (Last Paid Current Bill) Choose File No...sen
Manager Photo Choose File No...sen
ID Proof (Aadhar Number) Choose File No...sen
Government certificate(PROOF) Choose File No...sen



localhost / 127.0.0.1 | (3) WhatsApp | Meet - ced-fc | ORPHAN CONNE | orphanage emer... | localhost/text/enrollmentForm | +

localhost/text/project/enrollment2.php

Apps Outlook.com - Micr... YouTube WhatsApp Inbox (1) - joshasre... Jee Main - Chapter... e-Praghn... GitHub Google Docs: Free... Reading list

Bank Details

Bank Name [input]
Branch [input]
Branch PINCODE [input]
Account Number [input]
Reenter Account Number [input]
IFSC Code [input]
Reenter IFSC Code [input]
Phone Number/ UPI ID [input]
Reenter Phone Number/ UPI ID [input]

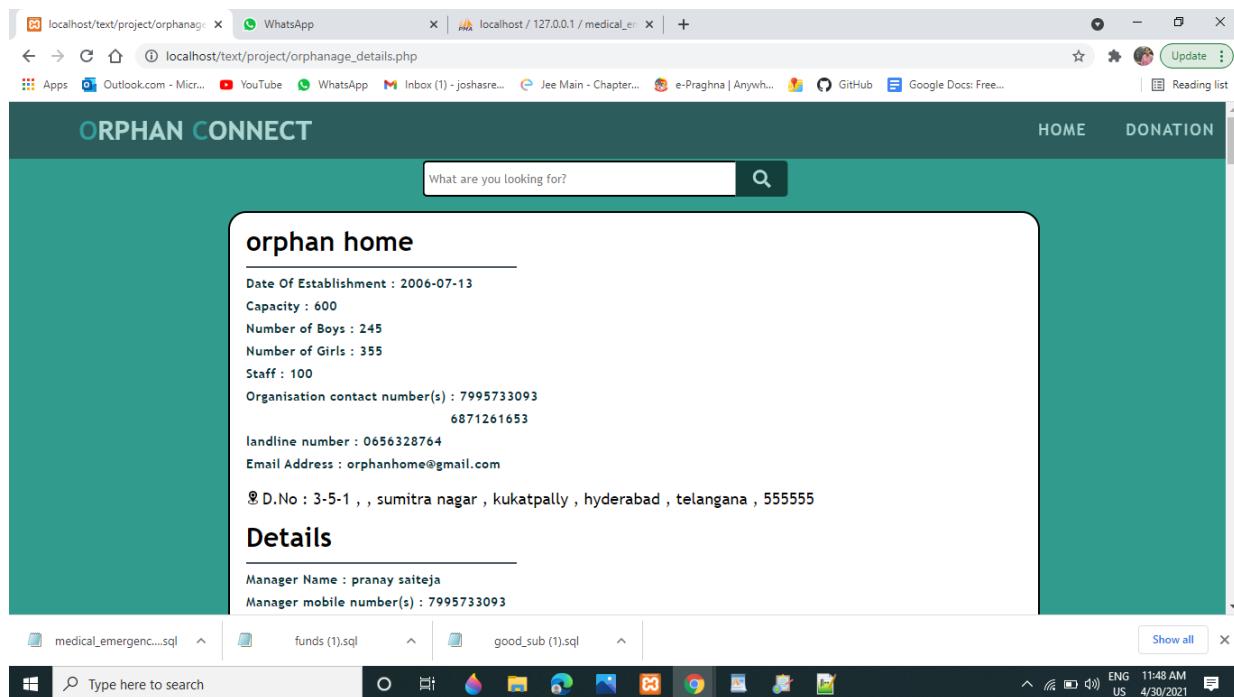
Other Information

Average Turn Over of the Orphanage [input]
Key Sponsors [input]
Any other Branches [input] [input] [input]
Instagram UserID [input] Enter Instagram ID URL
Facebook UserID [input] Enter Facebook ID URL
Twitter UserID [input] Enter Twitter ID URL

SAVE & SUBMIT

- It takes all the information related to ***ORGANISATION, MANAGER, ADDRESS, VERIFICATION, BANK DETAILS, OTHER INFORMATION.***

Here's the ***Orphanage Details*** page , which contains the data that is filled by the orphanage in the enrollment process. The updated information will be displayed accordingly. One can also Search by orphanage name and can view the information.



Medical Emergency form will be as follows:

localhost / 127.0.0.1 | (3) WhatsApp | Meet - ced-fc | orphanage emergency | localhost/text/emergency | EnrollmentForm | +

localhost/project/medical_emergency.php

Apps Outlook.com - Microsoft Edge YouTube WhatsApp Inbox (1) - joshasre... Jee Main - Chapter... e-Praghn... Anywh... GitHub Google Docs: Free...

Reading list

MEDICAL EMERGENCY FORM

Child Details

child Name

Name of the Orphanage

Gender -choose Gender-

Date of Birth mm/dd/yyyy

Disease

Therapeutics

Amount required for treatment

Phone Number of manager

E-mail ID of manager

Hospital Details

Name of the Hospital

Phone Number

Type here to search

O Bit Tint E G Photos A C H Google Chrome D A S ENG 1:19 PM US 4/27/2021

localhost / 127.0.0.1 | (3) WhatsApp | Meet - ced-fc | orphanage emergency | localhost/text/emergency | EnrollmentForm | +

localhost/project/medical_emergency.php

Apps Outlook.com - Microsoft Edge YouTube WhatsApp Inbox (1) - joshasre... Jee Main - Chapter... e-Praghn... Anywh... GitHub Google Docs: Free...

Reading list

City State Pin Code

Verification Details

Child photo Choose File No file chosen

Medical certificate Choose File No file chosen

Reports Choose File No file chosen

Account Details

Bank Name

Branch

Bank Account Number

Reenter Account Number

IFSC Code

Reenter IFSC Code

Phone Number

SAVE & SUBMIT

Type here to search

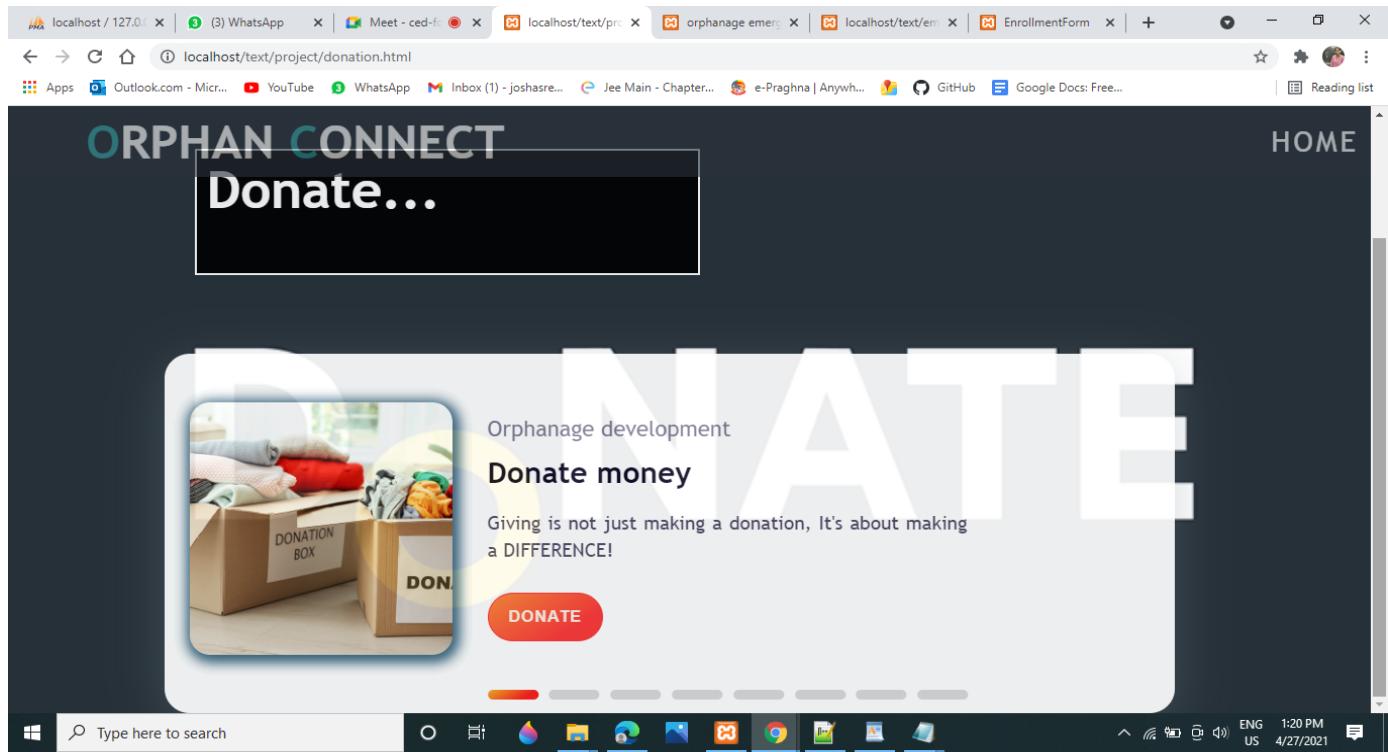
O Bit Tint E G Photos A C H Google Chrome D A S ENG 1:19 PM US 4/27/2021

- It takes all the information related to **CHILD, HOSPITAL, ADDRESS, VERIFICATION, ACCOUNT.**

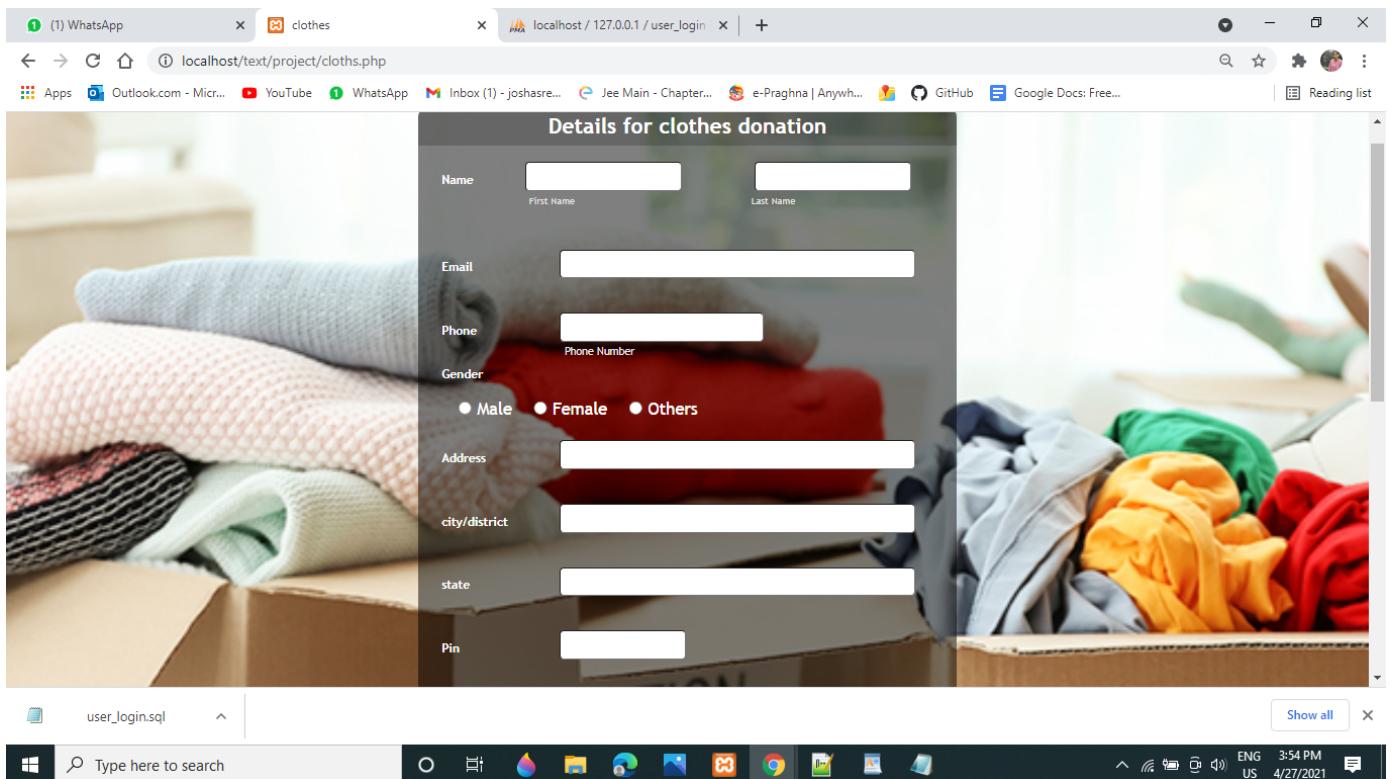
Here's the ***Medical Emergency Display*** page , which contains the data that is filled by the orphanage in the Medical emergency form. The updated information will be displayed accordingly. One can also Search by child name and can view the information.

Requirement Update form will be as follows:

- **Donation page** will be as follows



- The subpages in donation asks for various details of donors including **Name, Contact details, Address, orphanage they are willing to donate, provided by online shopping redirecting link(Flipkart,Snapdeal,etc) and addresses redirecting link(ORPHANAGE DETAILS PAGE)** so that they can donate online by taking address of that orphanage and transactionID after online payment. These details will be stored in the database and are displayed in the notifications so that orphanages can view the details of donations.
- Here are the subpages of donations.(for clothes donation, books donation, Appliances donation, etc



localhost / 127.0.0.1 / user_login

Details for clothes donation

Name

First Name

Last Name

Email

Phone Phone Number

Gender

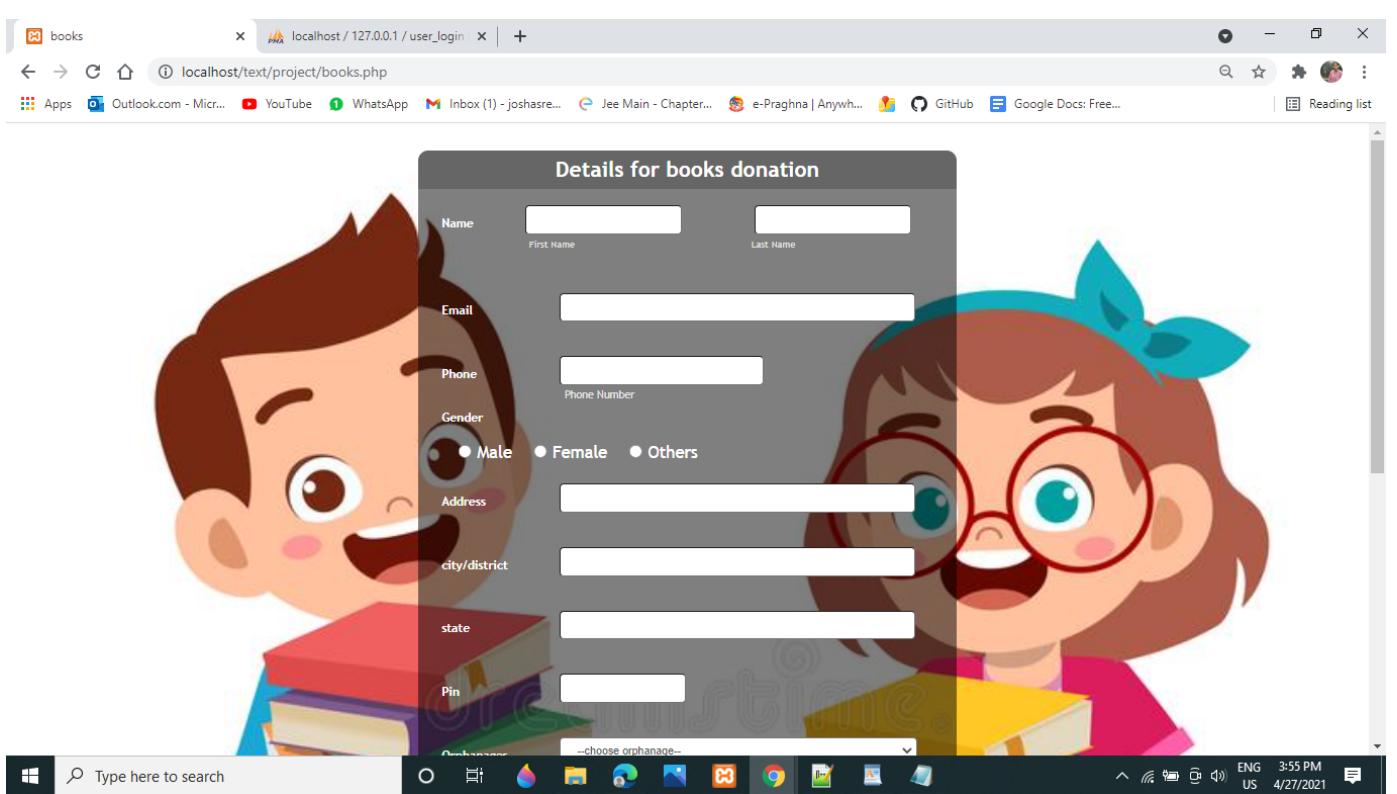
Male Female Others

Address

city/district

state

Pin



localhost / 127.0.0.1 / user_login

Details for books donation

Name

First Name

Last Name

Email

Phone Phone Number

Gender

Male Female Others

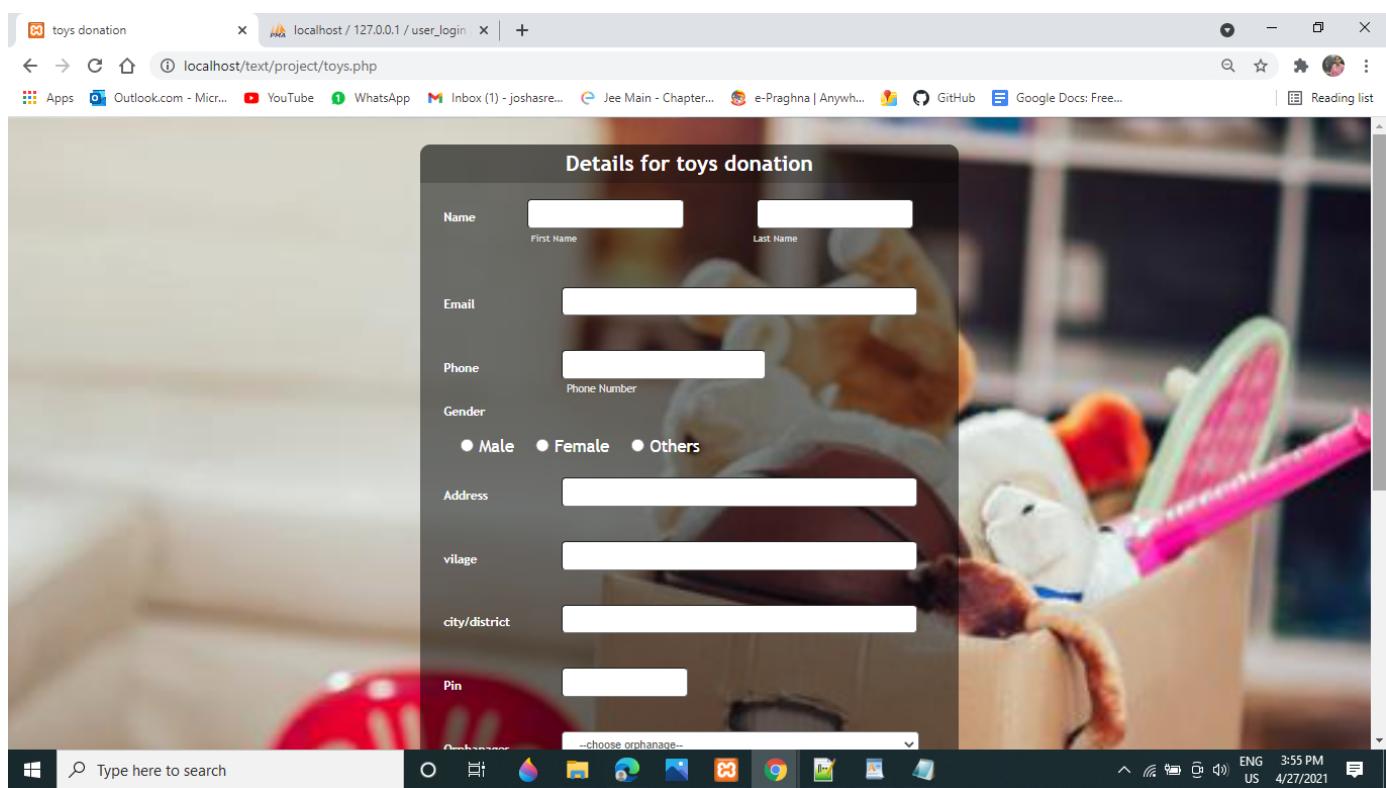
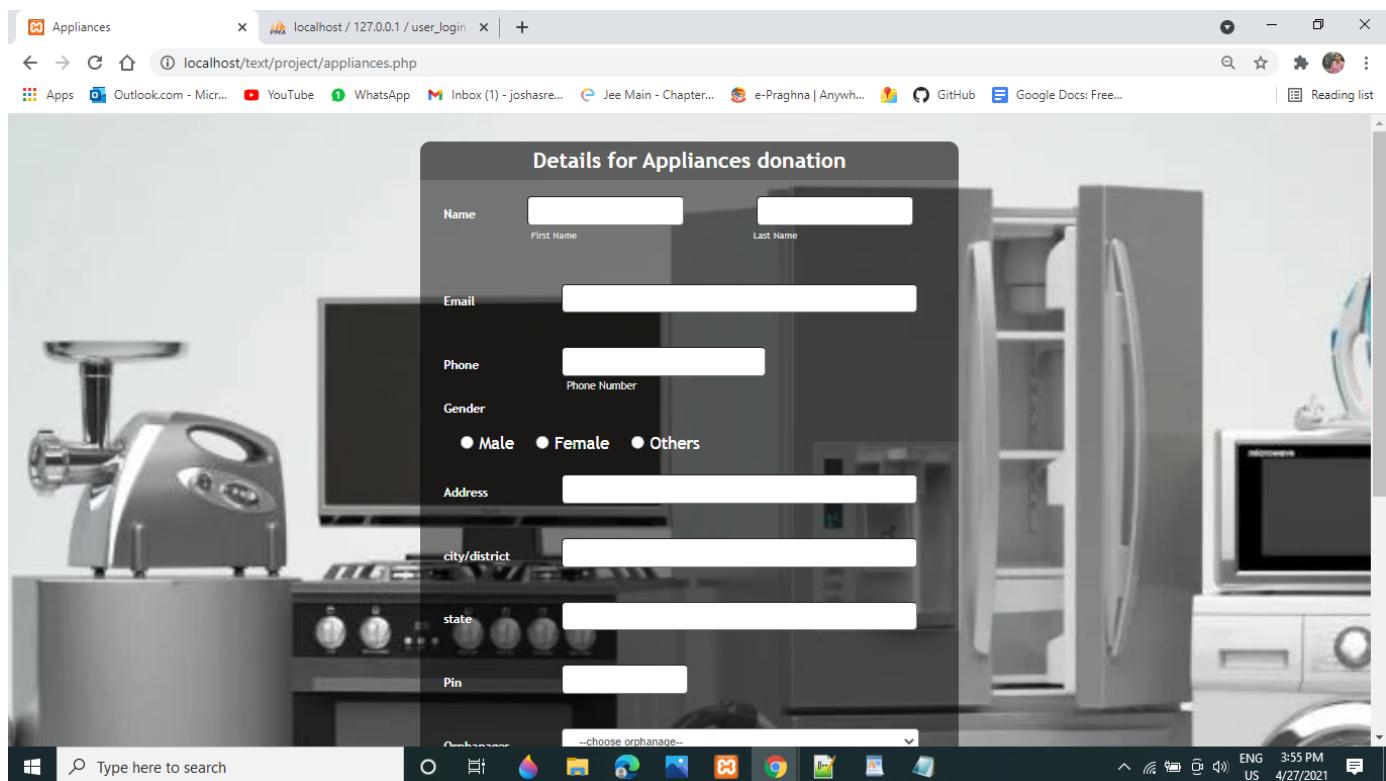
Address

city/district

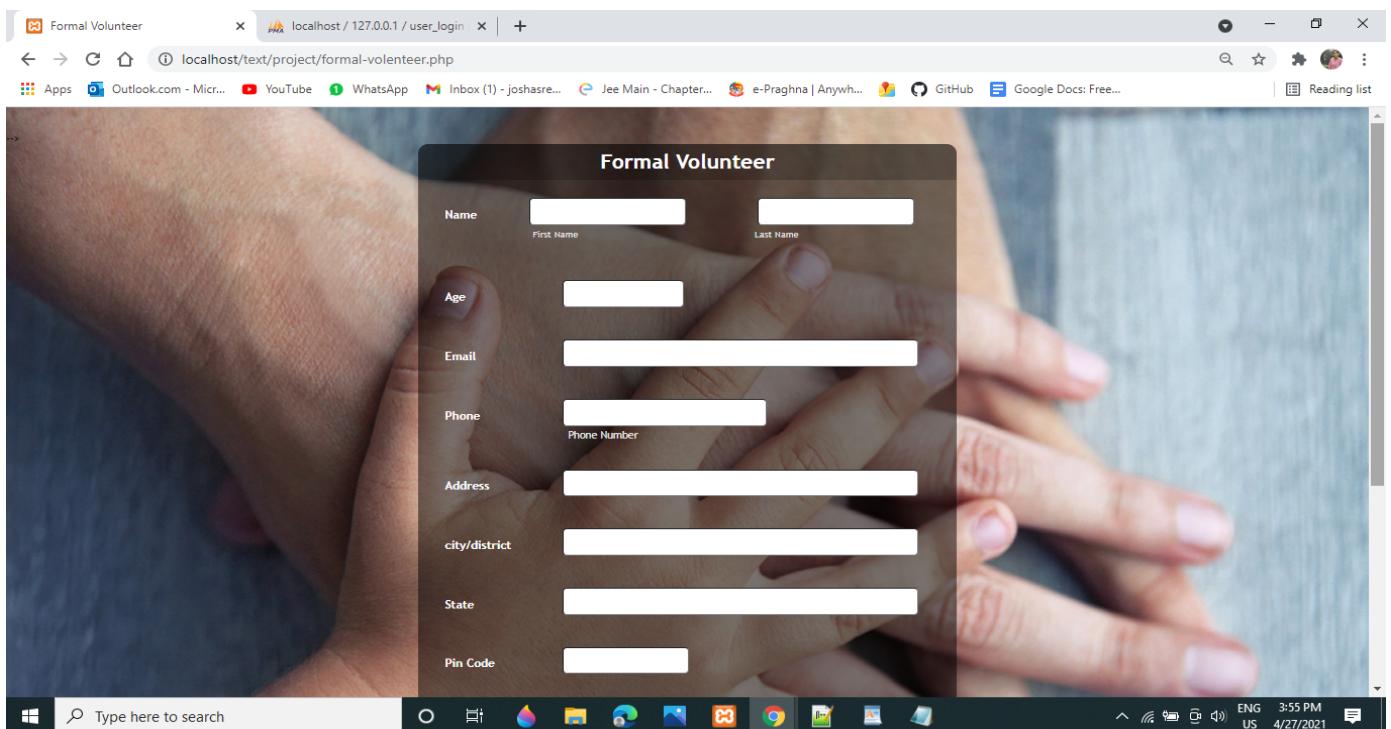
state

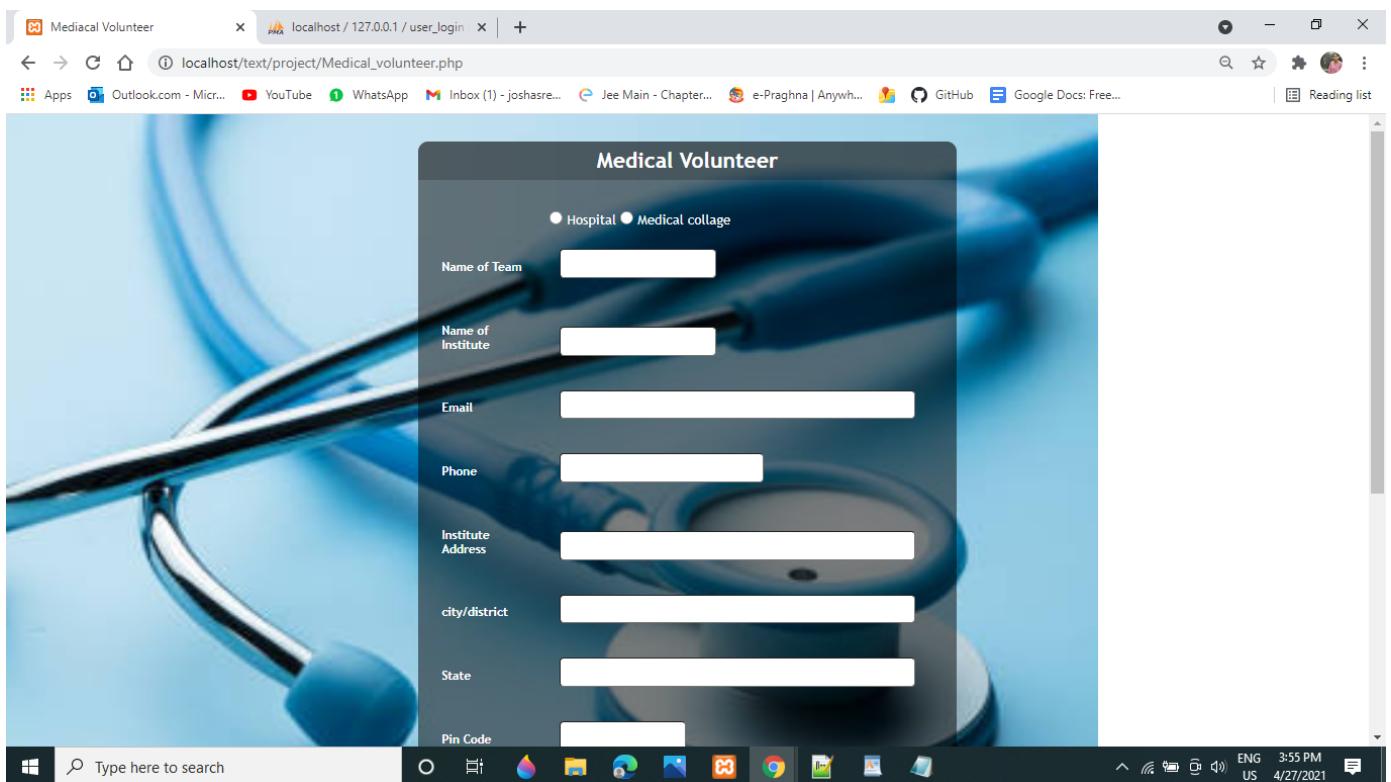
Pin

Orphanage --choose orphanage--

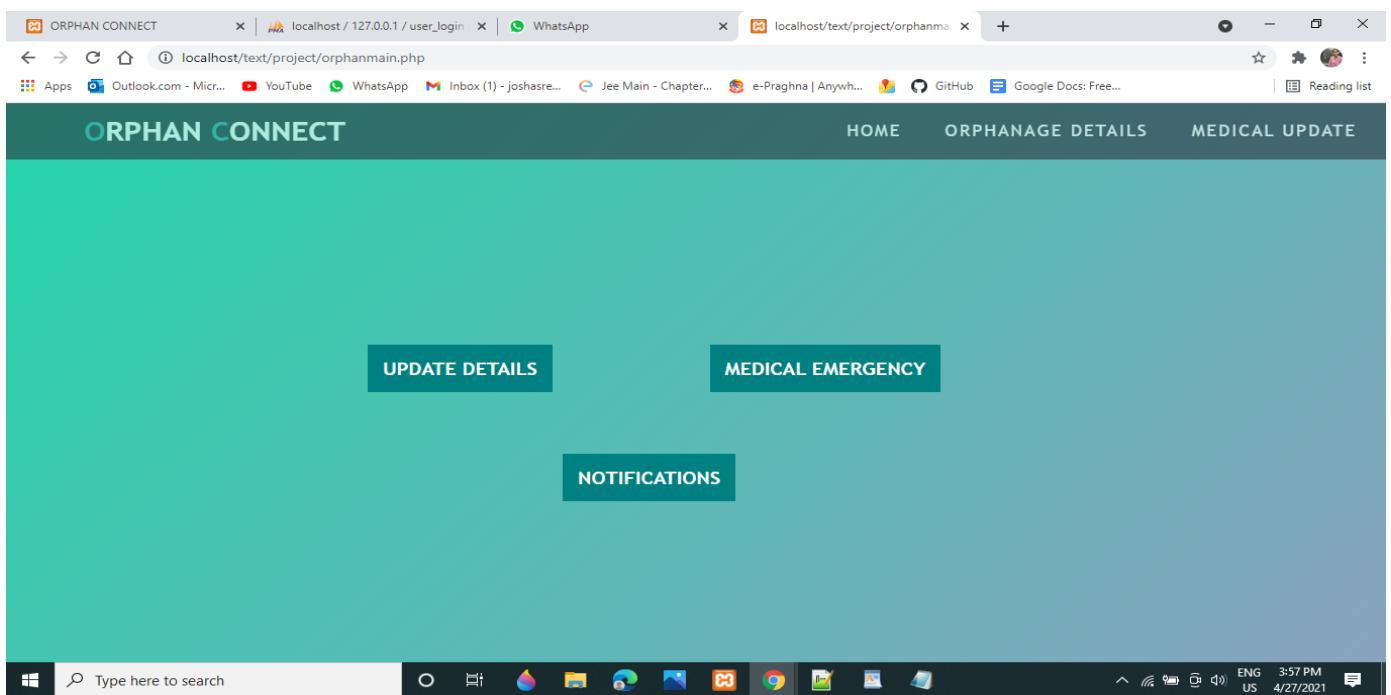


- The form for formal medical volunteers asks for various details of visitors including **Name, Contact details, Address, orphanage they are willing to visit, Number of volunteers/ number of persons in a medical team that is willing to volunteer.** These details will be stored in the database and are displayed in the notifications as volunteer requests so that orphanages can view the details and contact them personally in order to accept their request.



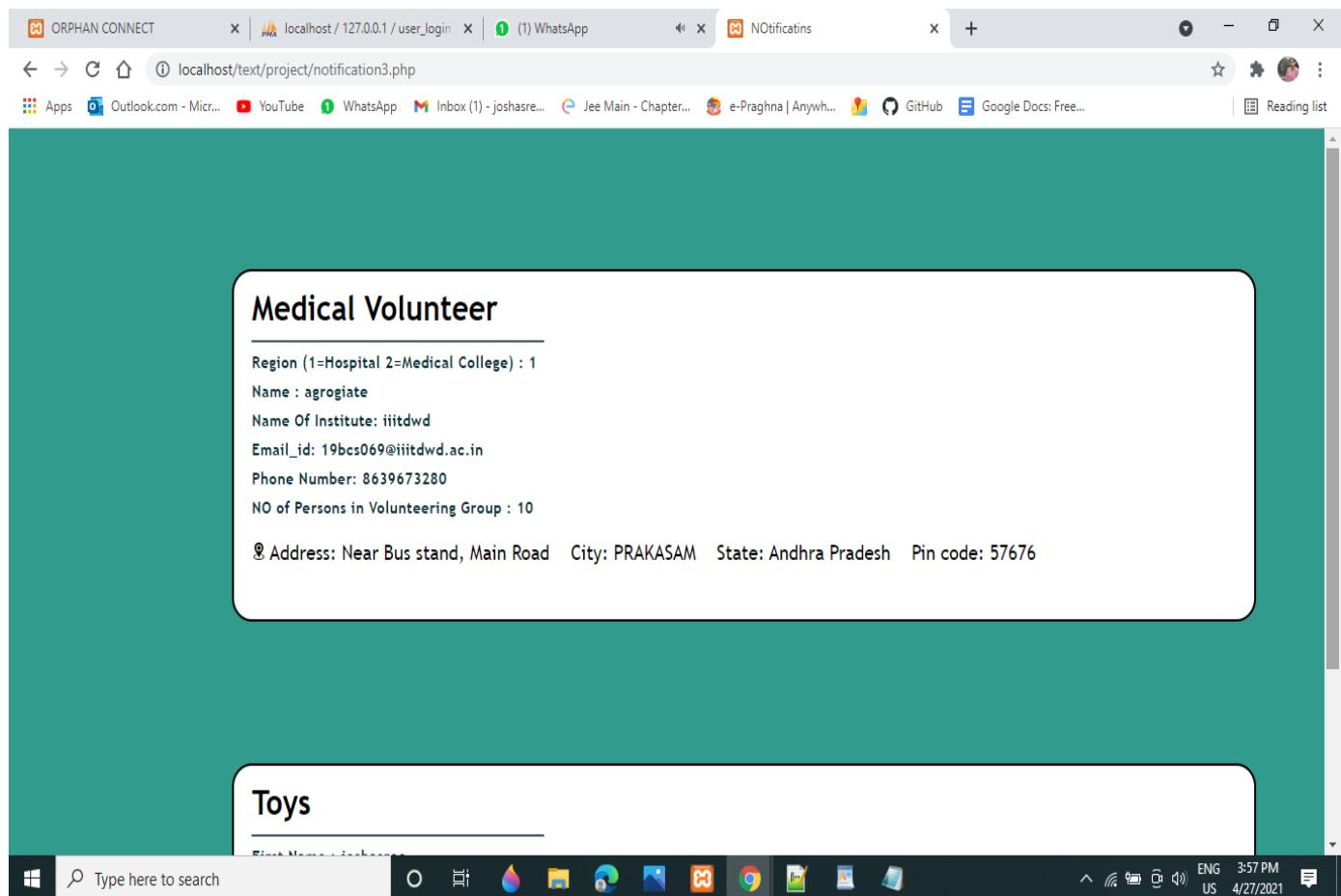


Before updating the details already filled, orphans are asked to enter their orphanage ID and then the following page will be displayed.



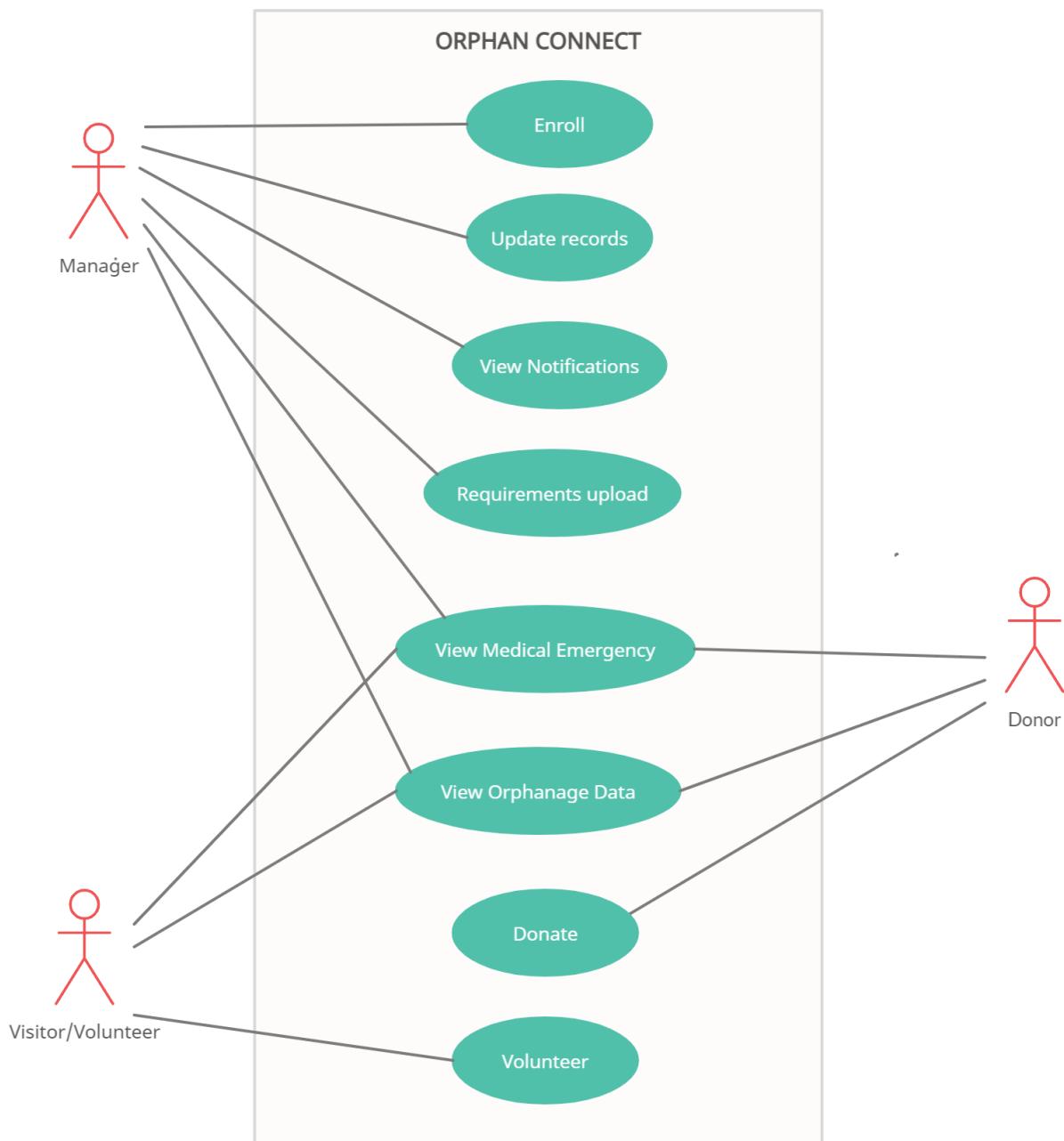
- **Update details** button is to update the data that is filled in the enrollment process, **Medical Emergency** button is to enter medical emergency details of any child (It is redirected to **medical emergency form**) and the **Notifications** button is to view donations that have been done and volunteer requests that have been sent to particular orphanage.

- **Notifications page** looks like:



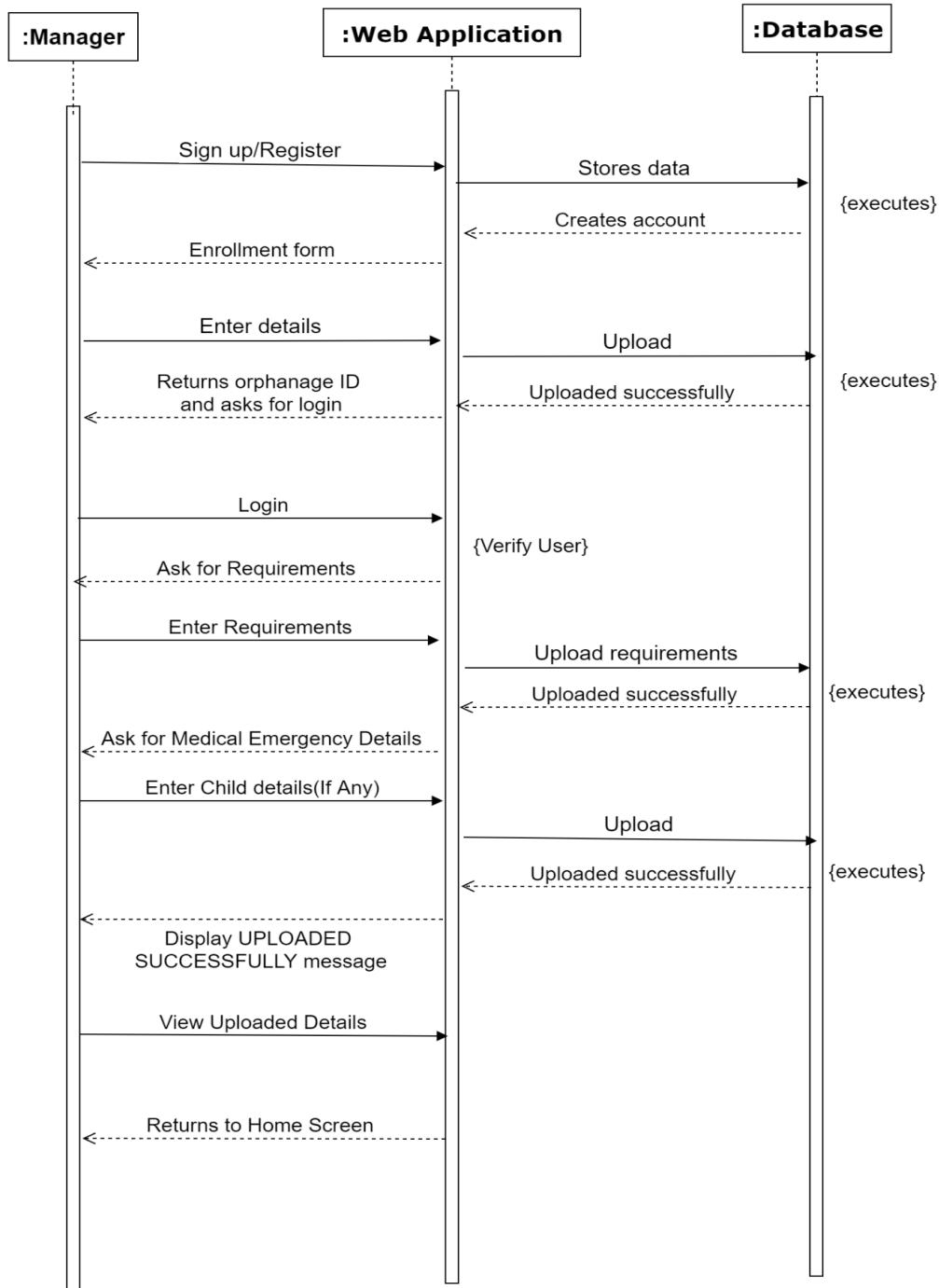
Software development

- **Use case diagram for the application**

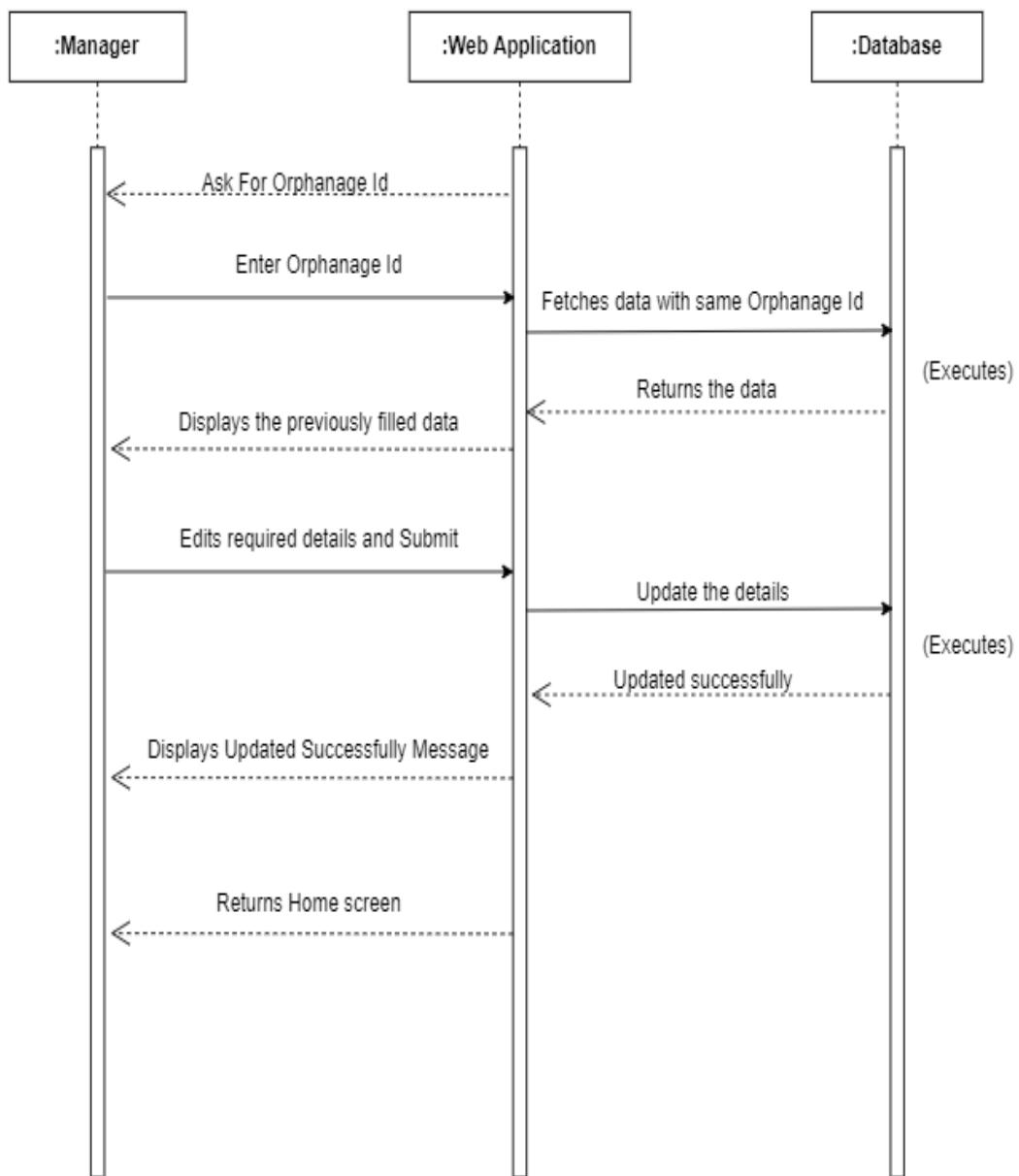


- **Sequence diagrams**

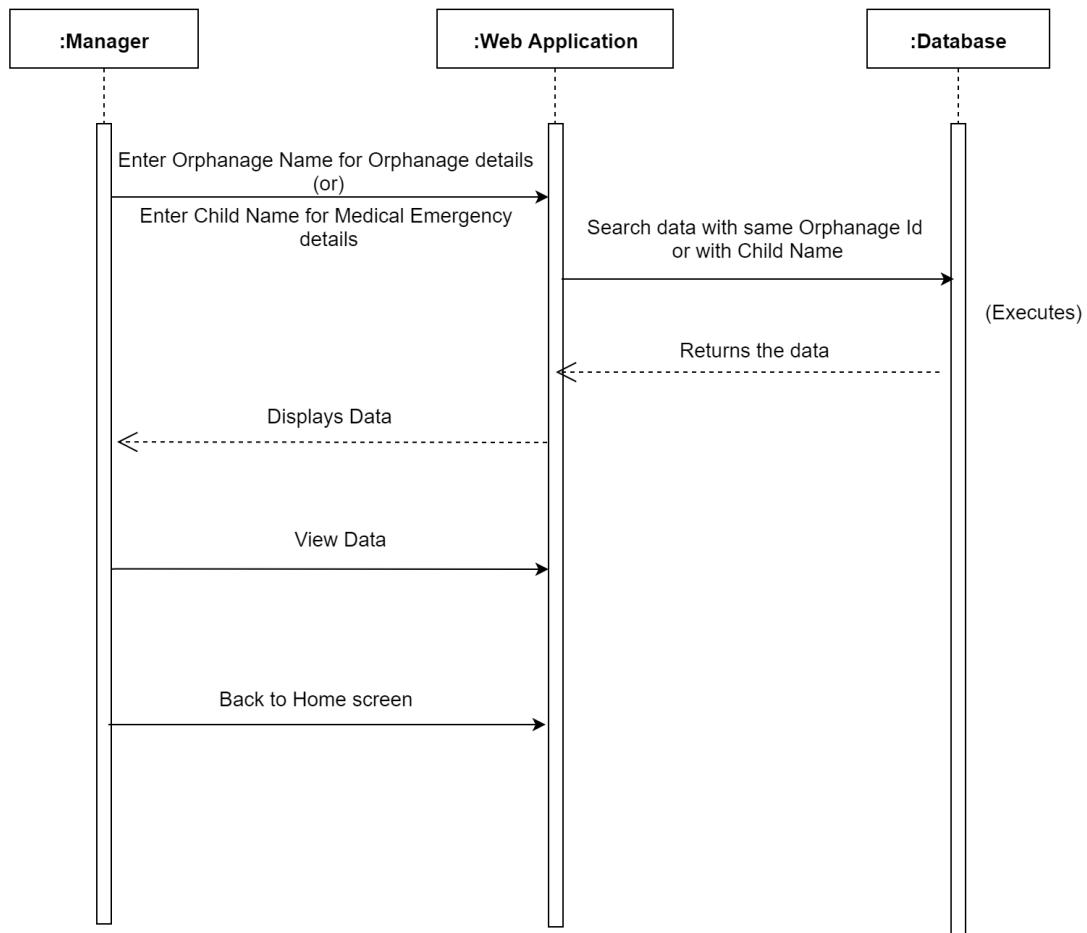
Sequence diagram for orphanage enrollment



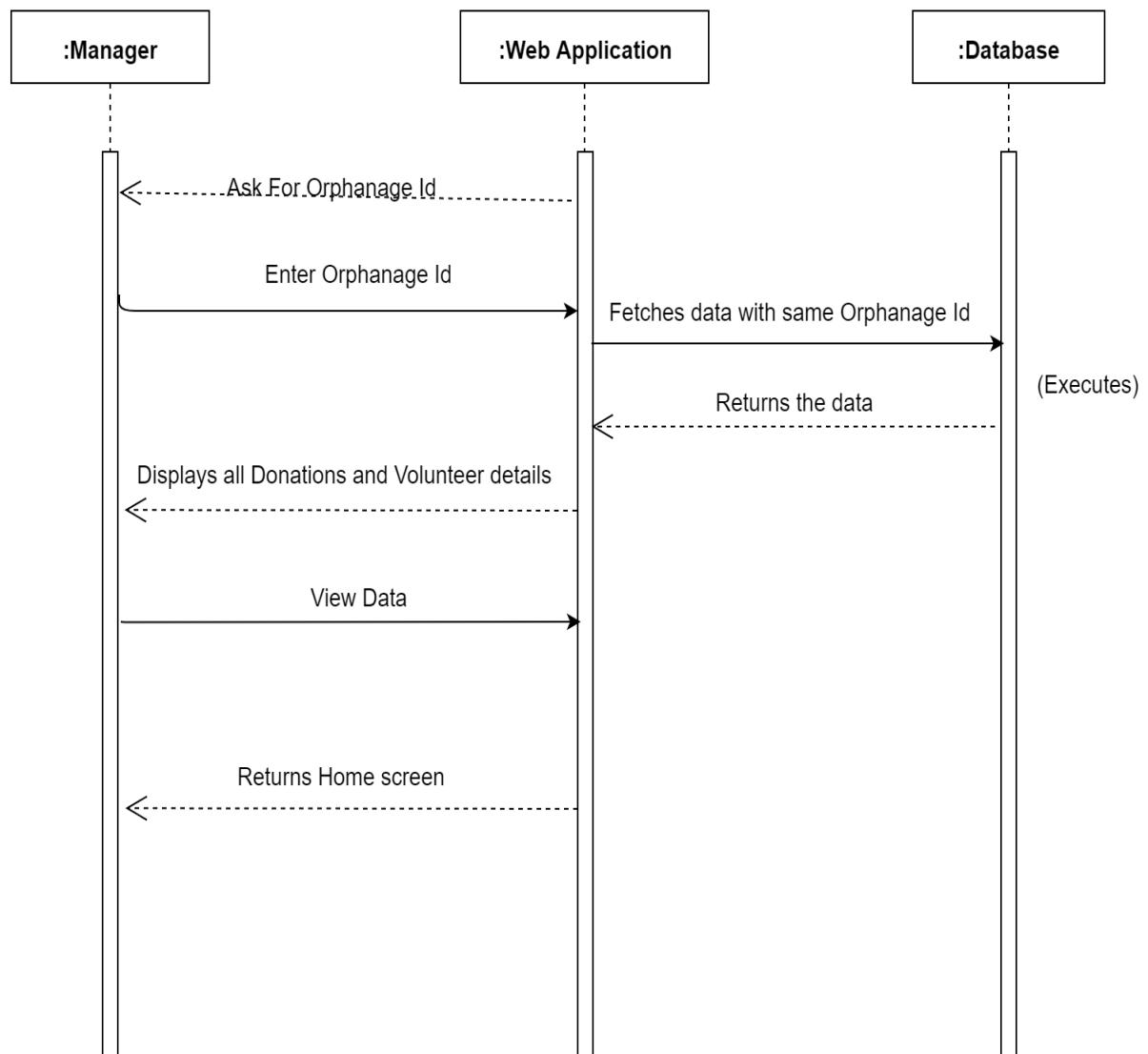
Sequence diagram to update orphanage details



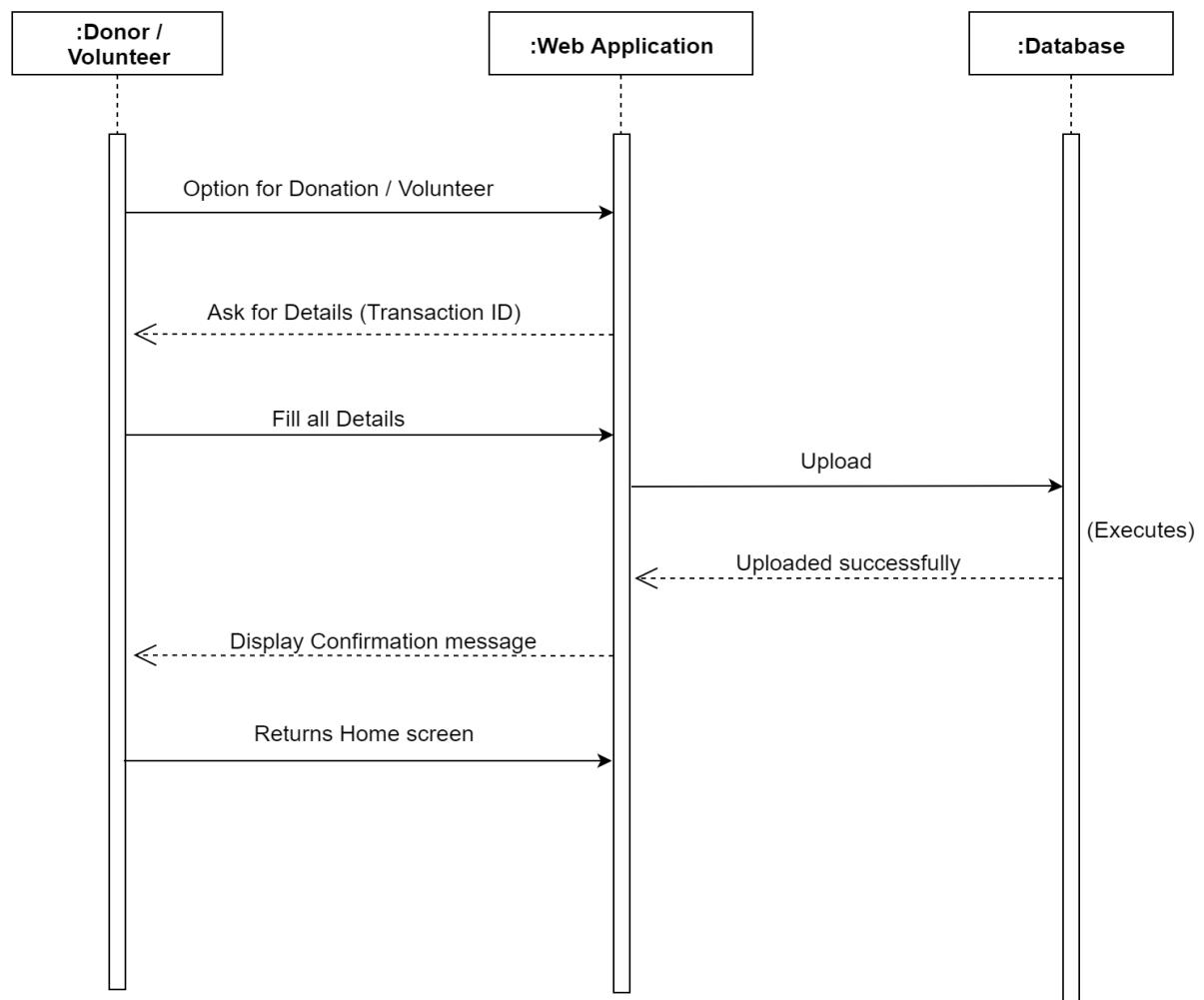
Sequence diagram to view orphanage details and emergency details



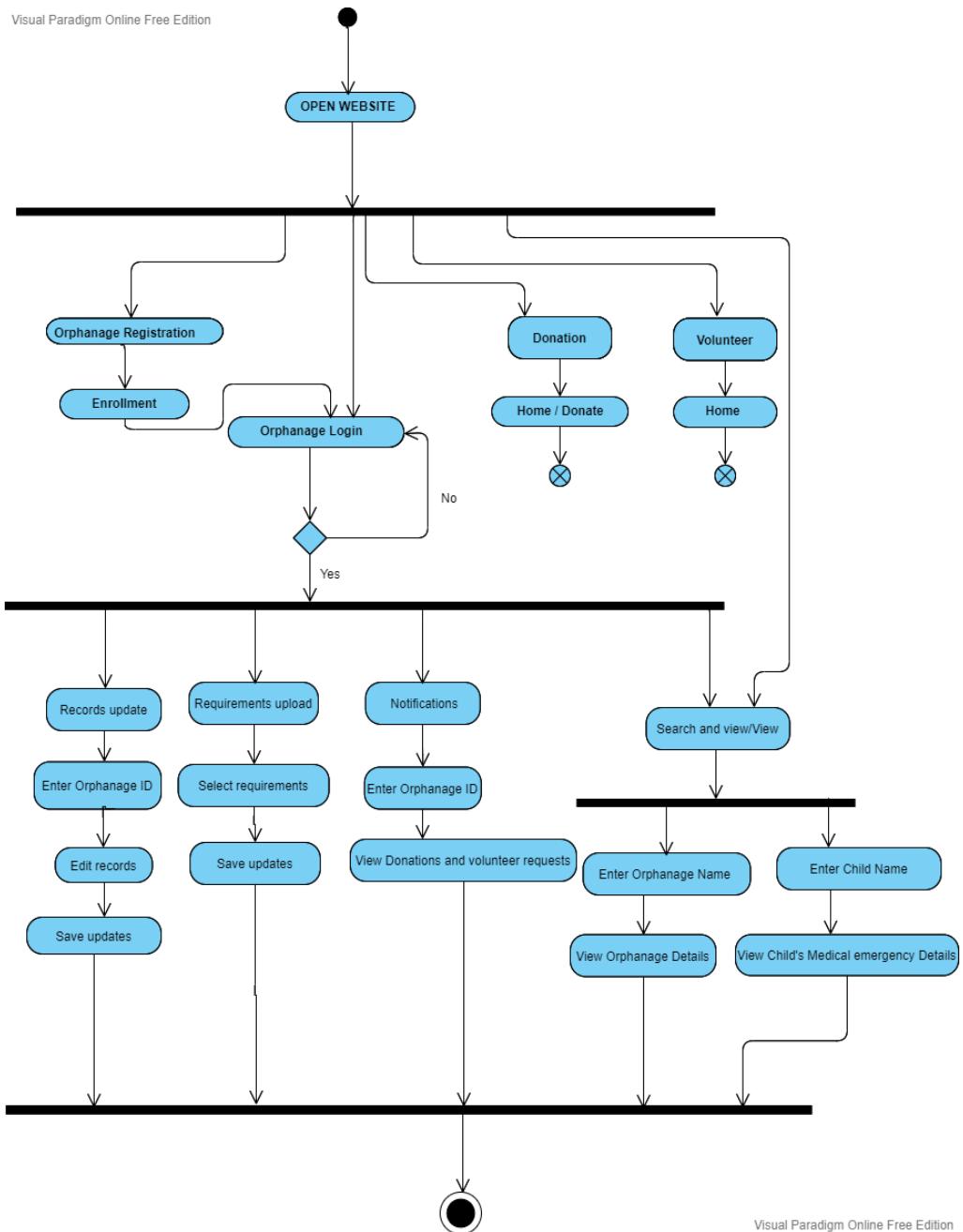
Sequence diagram to view Notifications



Sequence diagram for donation



• Activity Diagram for the application



Contribution of our project

All of us have contributed equally in the frontend as well as backend. The contribution of our team members are as follows :-

- M. Joshasree : Medical emergency & Emergency funds
- P. Chitti babu : Donation
- P. Ghana shyam : Login & signup
- P. Lalitanjali : Home page & requirements
- S. Pranay sai teja : Notifications
- M. Anupama : Update details
- R. Mounika : Enrollment

Acknowledgments

We would like to share our sincere gratitude to everyone who helped us achieve this project. During the development, we did face challenges while learning and executing but we are grateful to our mentors for helping us get over our difficulties and compile our idea into a concrete product.

We would thank our professor of Database Management Systems, Dr. Uma Seshadri, and our professor of Software Engineering, Dr. Manjunath K Vanahalli, for giving us this opportunity to apprise ourselves with these new concepts and tech stack. We would like to show our gratitude to them for helping us understand the minute details of the project work and continuously helping and monitoring at every step.

We are also thankful to our institute, classmates and families for keeping us motivated during the development of our project.

M JOSHASREE

P CHITTI BABU

P GHANA SHYAM

P LALITANJALI

S PRANAY SAI TEJA

M ANUPAMA

R MOUNIKA

Spring 2021

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