

*Project Report on  
EduCare - An Education Sponsoring Platform*

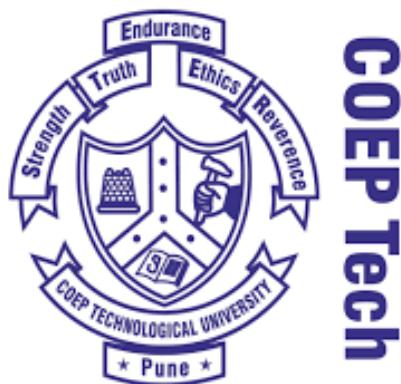
*submitted in partial fulfillment of the requirements  
for completion of SEMP II*

**TY COMP**  
*in*  
**Computer Engineering**  
*by*

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*Under the guidance of*

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April, 2023

# **1 Project Title**

EduCare - An Education Sponsoring Platform

## **2 Problem Statement**

Children in orphanages do not always have the resources to get a good education. EduCare is a secure platform that enables people to collectively raise funds to academically sponsor orphan children. Our platform partners with orphanages and allows donors to fund money for school fees, to buy things like notebooks, stationary, uniforms, etc. It also provides donors to keep track of the childrens' progress.

## **3 Objectives**

1. To provide a way for young minds who do not have the privilege of parental comfort and support with resources that can help them achieve their dreams.
2. To provide a common platform for children in need and individuals who are interested to help them.
3. To provide a safe space where children who lack love and support build relationships that will last them a lifetime.

## **4 Hardware and Software Requirements**

### **4.1 The Hardware Requirements:**

1. Minimum RAM: 4GB or above
2. Hard Disk: 80 GB
3. Processor: 64-bit, four-core, 2.5 GHz minimum per core

### **4.2 The Software Requirements:**

1. PHP

2. HTML CSS

3. JavaScript

4. Bootstrap

5. mySQL

6. XAMPP Apache

## 5 Functionalities

Our web application primarily focuses on connecting children (orphans) in need with individuals who are interested in giving back to the society in one way or the other. Orphanages who are interested in partnering up with us give a list of names and descriptions of children in need of funds. These children are from all age groups and require funds to pursue their dreams or secure a basic education.

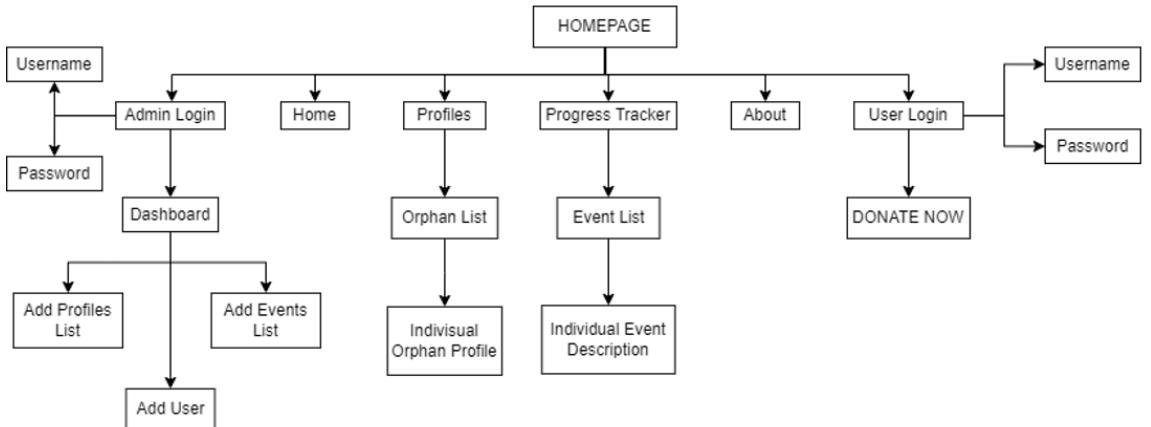


Figure 1: Architectural Block Diagram

The admin makes a profile for each orphan which consists of a picture of the child and a brief description on her/him. These descriptions consist of the background of the child, what her/his interests are and what he wants to be in the future. The orphan database consists of keywords which help in finding a child belonging to a specific background. The admin registers users who are interested in donating funds.

By going under the Profiles tab the users can browse the various profiles of children and get to know about them. Users need to log in to their profile to donate funds. Login is done using the credentials previously set. During the donation process, the user must select the name of that orphan to who he/she wishes to donate funds to using the drop-down menu and enter the amount. On successful transactions, the fund database is updated and the money raised is updated.

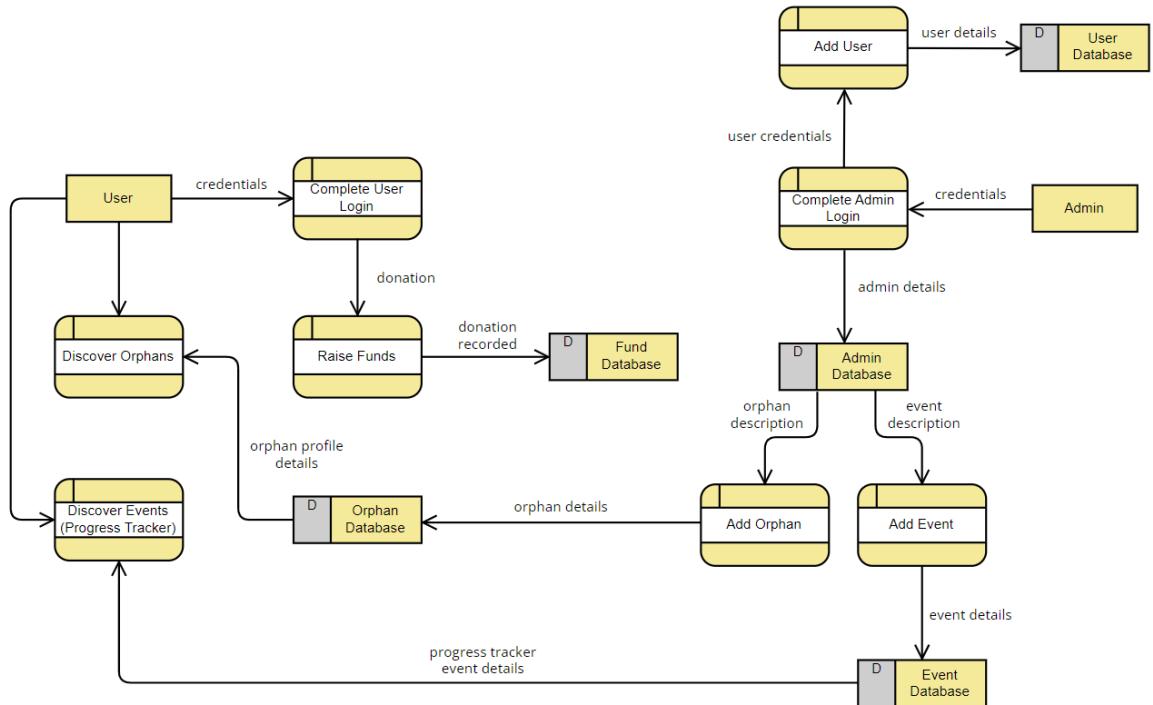


Figure 2: Flow Diagram

Users can track the progress of the children under the Progress Tracker tab. Upcoming events, competitions, and occasions in which the orphans take part in are advertised with their scheduled date, time, and venue. By this, the users are constantly up to date with the happenings of the children and can attend these events. This promotes a close personal connection between the donor and the child.

The admin login is done using credentials previously set. Admin has the powers to add orphans and users to the application. Admin is responsible to broadcast scheduled events and maintain the website.

## 6 Coding Screenshots

The image shows two side-by-side code editors, likely from the Visual Studio Code IDE, displaying PHP code for a charity application.

**Left Editor (manage\_event.php):**

```
12 <style>
13     img#cimg{
14         height: 20vh;
15         width: 15vw;
16         object-fit: cover;
17         object-position: center top;
18     }
19 </style>
20 <div class="card card-outline card-info">
21     <div class="card-header">
22         <h3 class="card-title"><?php echo isset($id) ? "Update " : "Create New " ?> Event</h3>
23     </div>
24     <div class="card-body">
25         <form action="" id="event-form">
26             <input type="hidden" name="id" value=<?php echo isset($id) ? $id : '' ?>>
27             <div class="form-group">
28                 <label for="schedule" class="control-label">Date Schedule</label>
29                 <input type="date" class="form-control form" required name="schedule" value=<?php echo i>
30             </div>
31             <div class="form-group">
32                 <label for="title" class="control-label">Title</label>
33                 <input type="text" class="form-control form" required name="title" value=<?php echo i>
34             </div>
35             <div class="form-group">
36                 <label for="description" class="control-label">Description</label>
37                 <textarea rows="2" class="form-control form" required name="description"><?php echo i>
38             </div>
39         </form>
40     </div>
41 </div>
```

**Right Editor (donate.php):**

```
93 // })
94 function donation_success(){
95     start_loader()
96     $.ajax({
97         url:"classes/Master.php?f=save_donation",
98         method:'POST',
99         data:{amount:$('amount').val()},
100        dataType:'json',
101        error:err=>{
102            console.log(err)
103            alert_toast("Process Was successfull but failed to record the amount into the database")
104            end_loader();
105        },success:func(resp){
106            if(resp.status == 'success'){
107                location.reload()
108            }else{
109                console.log(resp)
110                alert_toast("Process Was successfull but failed to record the amount into the database")
111            }
112        }
113    })
114 }
115 </script>
```

**phpMyAdmin**

Server: 127.0.0.1 » Database: charity\_db

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

Filters Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
blogs	Browse Structure Search Insert Empty Drop	6	InnoDB	utf8mb4_general_ci	48.0 Kib	-
donations	Browse Structure Search Insert Empty Drop	8	InnoDB	utf8mb4_general_ci	16.0 Kib	-
events	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	16.0 Kib	-
system_info	Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_general_ci	16.0 Kib	-
topics	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 Kib	-
uploads	Browse Structure Search Insert Empty Drop	8	InnoDB	utf8mb4_general_ci	16.0 Kib	-
users	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16.0 Kib	-
<b>7 tables</b>	<b>Sum</b>	<b>39</b>	<b>InnoDB</b>	<b>utf8mb4_general_ci</b>	<b>144.0 Kib</b>	<b>0 B</b>

Check all With selected

Print Data dictionary

Create new table

Table name Number of columns Create

Console

**phpMyAdmin**

Server: 127.0.0.1 » Database: charity\_db » Table: blogs

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

	id	title	topic_id	content	keywords	meta_description	banner_path	upload_dir_code	status	blog_url
	1	Hanif Sheikh	1	&lt;p style="text-align: justify; &quot;&gt;... Medical, Smart, English, Car Crash	Sakshi Kalambale, Kho-Kho, Bhusawal, Singing, Draw...		uploads/blog_uploads/banners/1_banner.png		1 pages/sample_	
	4	Sakshi Kalambale	4	&lt;p&gt;&lt;b&gt;Sakshi Kalambale &lt;/b&gt;is a ...	Ashish Rath, Mumbai, Actor, Dancing		uploads/blog_uploads/banners/4_banner.jpg		1 pages/new_sa...	
	5	Ashish Rath	5	&lt;p&gt;&lt;b&gt;Ashish Rath&lt;/b&gt;&nbsp;...&lt;div&gt;&lt;span style="font-weight: bold; ...	Skating, Painting, Immigrant		uploads/blog_uploads/banners/5_banner.png		1 pages/ashish_r...	
	6	Ram Sharan	6	&lt;p&gt;&lt;b&gt;Ram Sharan&lt;/b&gt; is a 11 ye...	Vet, Young, Animals		uploads/blog_uploads/banners/6_banner.png		1 pages/ram_sh...	
	7	Jyoti Ghosh	7	&lt;p&gt;&lt;b&gt;Jyoti Ghosh&lt;/b&gt; is a 11 ye...	UPSC, Debate, Child Marriage		uploads/blog_uploads/banners/7_banner.png		1 pages/jyoti_g...	
	8	Bharti Puri	8	&lt;p&gt;&lt;b&gt;Bharti Puri&lt;/b&gt; is a bold ...			uploads/blog_uploads/banners/8_banner.png		1 pages/bharti_p...	

Console Check all With selected Edit Copy Delete Export

## 7 Output Screenshots



Children in orphanages do not always have the resources to get a good education. EduCare is a secure, decentralized platform that enables people to collectively raise funds to academically sponsor these orphan children. Our platform partners with orphanages and allows donors to fund money for school fees, to buy things like notebooks, stationary, uniforms, etc. It also provides donors to keep track of the children's progress.

This screenshot shows the login interface of the EduCare application. The window is titled 'SEMP II Mini Project EduCare'. Inside, there's a 'Login' heading and a sub-instruction 'Sign in to start your session'. Below are two input fields: 'Username' and 'Password', each with its respective icon. At the bottom are two buttons: 'Go Back to Website' on the left and 'Sign In' on the right. The background of the window is dark grey.  
  
This screenshot displays the EduCare admin dashboard. The window title is 'EduCare - Admin'. The main area features a 'Welcome to EduCare' message above three summary cards: 'Total Donations Today' (2,500), 'Total Profiles' (6), and 'Progress Tracker Events' (5). On the left, a sidebar menu includes 'Dashboard' (which is currently selected and highlighted in blue), 'Profiles List', 'Progress Tracker Event List', 'Topic List', 'User List', and 'Settings'. The status bar at the bottom indicates the system is running on 'SEMP II Mini Project 2023'.  
  
This screenshot shows another view of the EduCare admin dashboard. The window title is 'SEMP II Mini Project 2023'. The layout is identical to the previous dashboard, with a 'Welcome to EduCare' message and three summary cards. The sidebar on the left contains the same menu items. The status bar at the bottom shows the system is running on 'SEMP II Mini Project 2023'. The overall design is clean and modern, using a dark theme with blue and white accents.

**List of Orphans**

#	Date Created	Title	Description	Author	Status	Action
1	2023-04-12 18:29	Bharti Puri		Administrator Admin	Published	Action ▾
2	2023-04-12 18:23	Iyoti Ghosh		Administrator Admin	Published	Action ▾
3	2023-04-11 22:29	Ram Sharan		Administrator Admin	Published	Action ▾
4	2023-04-11 16:56	Ashish Rathi		Administrator Admin	Published	Action ▾
5	2023-04-11 09:16	Sakshi Kalambale		Administrator Admin	Published	Action ▾
6	2021-08-17 12:56	Hanif Sheikh		Administrator Admin	Published	Action ▾

Showing 1 to 6 of 6 entries

**List of Events**

#	Schedule	Title	Description	Action
1	Dec 25, 2023	Christmas Party	Christmas party hosted by EduCare platform. All registered orphans and donors are invited to attend. There will be carols, fun games, dinner an...	Action ▾
2	Aug 23, 2023	Singing Competition	Sakshi Klembole is taking part in Girls Dance Competition organized by COEP Technological University. Time: 6 PM onwards Venue: Main...	Action ▾
3	Jul 25, 2023	Best Out of Waste	CHILDO Orphanage is hosting a best out of waste competition, donors are free to join as well. Time: 7:30 PM onwards Venue: CHILDO Orphanage...	Action ▾
4	May 23, 2023	Fancy Dress Competition	Fancy Dress Competition organized by Vidya Deep Orphanage. Ram Sharan will be participating and wishes to dress up as a banana. Time: 5PM...	Action ▾
5	May 23, 2023	Debate Competition	Bharti Puri is participating in a debate competition organized by her college Modern College. She is one of the 7 members representing her division...	Action ▾

Showing 1 to 5 of 5 entries

**List of Users**

#	Avatar	Name	Username	Action
1		Avani Dhongde	ava	Action ▾
2		Juhishi Shekhar	juhishake	Action ▾
3		Shruti Jadhav	shruti123	Action ▾
4		User12	useruser	Action ▾

Showing 1 to 4 of 4 entries



EduCare

EduCare - Admin

 Administrator Admin

-  Dashboard
-  Profiles List
-  Progress Tracker Event List

Maintenance

-  Topic List
-  User List
-  Settings

### Content



**Bharti Puri** is a bold 17 year old girl. She was married off by her family when she was just 11 years old. After sustaining constant abuse and domestic violence from her husband, she ran away from her house and found shelter in Manjara Orphanage. Her parents forced her to drop out of school in 3rd grade but couldn't stop her hunger to learn. The organization has been able to provide her with basic secondary education.

She aspires to join the civil services to prevent what happened to her to other girls. She wants to go to Delhi and prepare for the UPSC as it is the best city for preparation. The organization needs support to fund her accommodation and tuition fees there. She also loves painting and has been a great debater ever since she has been in Manjara.

A screenshot of a Windows desktop environment. At the top, there's a taskbar with various icons including a search bar, a blue circular icon, a file explorer, Spotify, a red browser window, WhatsApp, and a Microsoft Teams icon. On the right of the taskbar are 'Breaking news', a language switcher ('ENG 13-04-2023'), and a user profile for 'Administrator Admin'. The main window is titled 'EduCare - Admin' and shows a 'Progress Tracker Event List' page. The sidebar on the left lists 'Dashboard', 'Profiles List', 'Progress Tracker Event List' (which is highlighted in blue), 'Maintenance', 'Topic List', 'User List', and 'Settings'. The main content area has a header 'Update Event' and a section titled 'Date Schedule' with a date input field containing '23-05-2023'. Below it is a 'Title' field with the value 'Fancy Dress Competition'. A 'Description' field contains the text 'Fancy Dress Competition organized by Vidya Deep Orphanage. Ram Sharan will be participating and wishes to dress up as a banana. Time: 5PM onwards'. Under the 'Thumbnail' section, there's a 'Choose file' button and a 'Browse' button. A preview image of a cartoon character in a costume is shown below. At the bottom are 'Save' and 'Cancel' buttons.

EduCare

Type here to search

Dashboard

Profiles List

Progress Tracker Event List

Maintenance

Topic List

User List

Settings

EduCare - Admin

Administrator Admin

**First Name**

Avani

**Last Name**

Dhongde

**Username**

ava

**Password**

*Leave this blank if you don't want to change the password.*

**Avatar**

Choose file

Browse



Save Cancel

Breaking news

02:25 PM  
13-04-2023

Type here to search

Breaking news

02:25 PM  
13-04-2023

**EduCare**

**EduCare - Admin**

**Administrator Admin**

**System Name**  
EduCare

**System Short Name**  
EduCare

**About Us**

**About Us**

We are a group of Third Year Computer Engineering students from COEP Technological University who believe in spreading love and positivity in the society. We came up with the idea to provide Orphans and Orphanages a platform by which they can easily get donations which they can use to sponsor the education of kids. Our platform displays the profiles of various children along with what their interests and passions are. Donors can donate to their orphan(s) of choice and help them achieve their dreams.

**Welcome Content**

**Children in orphanages do not always have the resources to get a good education. EduCare is a secure, decentralized platform that enables people to collectively raise funds to academically sponsor these orphan children. Our platform partners with orphanages and allows donors to fund money for school**

Windows Taskbar: Type here to search, Breaking news, ENG, 02:26 PM, 13-04-2023

**EduCare** Home Profiles Progress Tracker About User Login Admin Login Donate Now

## Profiles

Bharti Puri is a bold 17 year old girl. She was married off by her family when she was just 11 years old. After sustaining constant abuse and domestic violence from her husband, she ran away from her house and found shelter in Manjra Orphanage. Her parents forced her to drop out of school in 3rd grade but couldn't stop her hunger to learn. The organization has been able to provide her with basic secondary...

Published: Apr 12, 2023 06:29 PM By: Administrator Admin

Jyoti Ghosh is a 11 year old girl who was found by a passerby, Lakshmi when she was around 4 months. She took care of her a few years, but now Lakshmi is not able to take care of her anymore and provide an education for Jyoti. They barely manage to get one meal a day. Jyoti loves animals and wants to be a vet when she grows up.

Windows Taskbar: Type here to search, Breaking news, ENG, 02:26 PM, 13-04-2023

## Ram Sharan

Published: Apr 11, 2023 10:29 PM

Ram Sharan is a 15 year old boy who ran away from home due to abusive parents. He was found selling pens on the roadside where a young couple helped him get to the Vidya Deep Orphanage. He is in the third grade and dreams of becoming an skater. He's a natural skater and is in love with the skateboard in the orphanage since he has been there. He also loves painting and has received several prizes in his school.

Windows Taskbar: Type here to search, Breaking news, ENG, 02:27 PM, 13-04-2023



## Progress Tracker

A card for the "Fancy Dress Competition". It features a colorful illustration of children in various costumes. The title is "Fancy Dress Competition" and the subtitle says "Fancy Dress Competition organized by Vidy Deep Orphanage. Ram Sharan will be participating and wishes to dress up". A "Read More" button is at the bottom.

A card for the "Debate Competition". It features a silhouette of a person's head with the text "POWER TO THE VOICE IS POWER TO THE PEOPLE". The title is "Debate Competition" and the subtitle says "Bharti Puri is participating in a debate competition organized by her college Modern College. She is or". A "Read More" button is at the bottom.

A card for the "Best Out of Waste". It features an illustration of various craft materials like paper, scissors, and glue sticks. The title is "Best Out of Waste" and the subtitle says "CHILDO Orphanage is hosting a best out of waste competition, donors are free to join as well. Time: 7:30 PM". A "Read More" button is at the bottom.

A card for the "Singing Competition". It features a microphone and stars. The title is "Singing Competition" and the subtitle says "Sakshi Klamale is taking part in Girls Dance Competition organized by COEP Technological University. Time: ". A "Read More" button is at the bottom.

A card for the "Christmas Party". It features an illustration of Santa Claus. The title is "Christmas Party" and the subtitle says "Christmas party hosted by EduCare platform. All registered orphans and donors are invited to attend. There will ". A "Read More" button is at the bottom.

A second card for the "Fancy Dress Competition", identical to the one above it.



### Upcoming Event

A card for the "Fancy Dress Competition". It features a colorful illustration of children in various costumes. The title is "Fancy Dress Competition" and the subtitle says "Fancy Dress Competition organized by Vidy Deep Orphanage. Ram Sharan will be participating and wishes to dress up ". A "Read More" button is at the bottom.

A card for the "Singing Competition". It features a microphone and stars. The title is "Singing Competition" and the subtitle says "Sakshi Klamale is taking part in Girls Dance Competition organized by COEP Technological University. Time: ". A "Read More" button is at the bottom.

A card for the "Best Out of Waste". It features an illustration of various craft materials like paper, scissors, and glue sticks. The title is "Best Out of Waste" and the subtitle says "CHILDO Orphanage is hosting a best out of waste competition, donors are free to join as well. Time: 7:30 PM". A "Read More" button is at the bottom.

A second card for the "Fancy Dress Competition", identical to the one above it.



## About Us

We are a group of Third Year Computer Engineering students from COEP Technological University who believe in spreading love and positivity in the society. We came up with the idea to provide Orphans and Orphanages a platform by which they can easily get donations which they can use to sponsor the education of kids. Our platform displays the profiles of various children along with what their interests and passions are. Donors can donate to their orphan(s) of choice and help them achieve their dreams.

All funds raised go towards educational purposes. It may be in the form of school fees, or money to buy stationary, notebooks, school uniforms etc. Donors can keep track of the child's progress by going in the Progress Tracker tab. All events and Competitions the child takes parts in are displayed there. This maintains a closeness between the donor and the child.

Project By:

Avani Dhongde 112003036

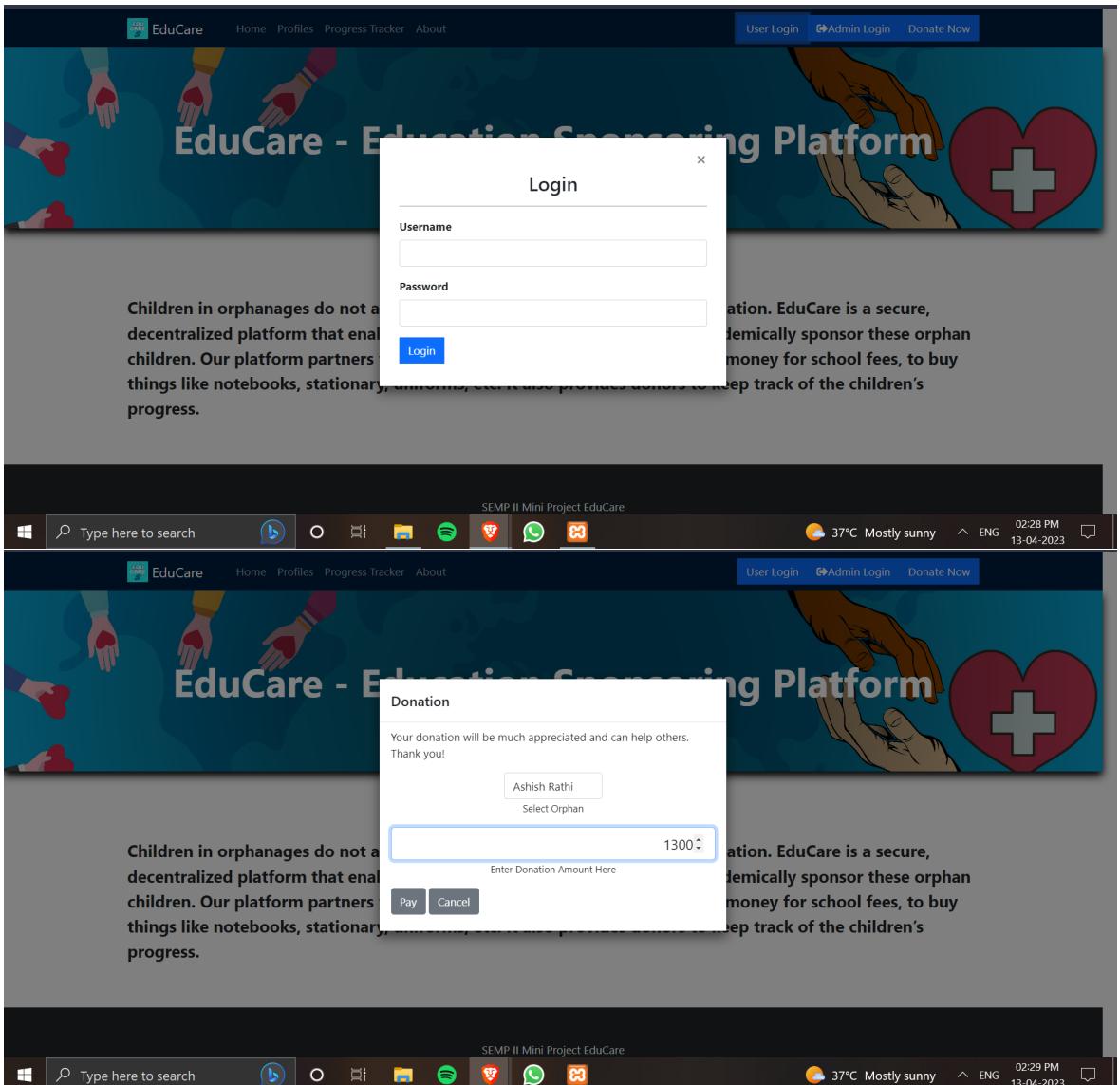
Shruti Jadhav 112003050

Juhie Shekokar 112003059

Div 1: Batch T4

SEMP II Mini Project EduCare





## 8 Future Scope

Our project currently works with virtual currency which does not deploy actual online transaction processing across multiple user accounts. In the future scope of this project, we can make use of Block-chain Technology by using Ethereum and Metamask to achieve this.

We can add a messenger feature to our application through which donors and children can communicate together. This adds a more personal touch and feeling to the relationship between them. It is important to mention that we must be cautious to properly monitor and filter the chat feature as it may be misused by donors who want to take advantage of the children.

## **9 Acknowledgments**

We would like to thank our Software Engineering Mini Project (Stage II) professor Dr. Tanuja Pattanshetti for giving us this opportunity to work on this project. We have learnt a lot in the duration of this course. Not only are we more comfortable with developing projects, but also understood the importance of the documentation and entire process that comes before coding and developing.