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A Database Management System Mini Project Report on

“NGO Management System”

Submitted in Partial fulfillment of the Requirements for the V Semester of the Degree of

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In

Computer Science & Engineering

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CERTIFICATE

This is to certify that the Database Management System Project work entitled “**NGO Management System**” carried out by **Aarathi Nair (1CR16CS002)** and **Akanksha Mishra (1CR16CS012)** bonafide students of CMR Institute of Technology in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visvesvaraya Technological University, Belgaum during the year **2018-2019**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. This DBMS Project Report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

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Professor, Head
Dept. of CSE, CMRIT

External Viva

Name of the examiners

Signature with date

1.

2.

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AKANKSHA MISHRA

AARATHI NAIR

ABSTRACT

The success of any organization hinges on its ability to acquire accurate and timely data about its operations, to manage this data effectively, and to use it to analyze and guide its activities. The main objective of this project is to build a rigid and robust integrated 'Light of Hope'-NGO database system that will insert, delete, update, search, view and store records of its employees, volunteers, events, donors and beneficiaries. This easy-to-use, database application is geared towards reducing time spent by the employees on administrative tasks and to give general information to those interested in knowing more about the NGO. The system is intended to accept, process and generate report accurately and any user can access the system at any point in time provided internet facility is available.

The system was developed using technologies such as HTML, CSS, PHP & JavaScript and MySQL. HTML, CSS, PHP & JavaScript are used to build the user interface and database was built using MySQL.

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Chapter 1

INTRODUCTION

1.1 Project Overview and Proposed Sytem

The NGO database management system is designed to help in the management of the NGO- Light of hope that specializes in conducting fund raising events benefitting underprivileged children.

The website can have 3 type of users admin, non-admin employee or regular viewer. The admin and employee are the employees of the organization. These two users have a specialized dashboard that directly manipulates the database of the organization. The admin controls all the aspects of the web based database application system. However the non-admin is only allowed to access details specific to them and edit details on volunteers and employees only

The prospective volunteers have a screening process to undergo. Hence they are requested to contact the organization and undergo the process of recruitment manually.

The fund raising events are organized by the employees of the organization. Each employee that handles a particular event, becomes the event manager. The employee dashboard displays the events in accordance with the manager assigned for the same.

Each fundraising event requires a group of volunteers. Each volunteer is assigned a guide that mentors them to conduct successful events.

Each donation is collected by an employee who is responsible for the manual handling of the donations made by generous donors.

All beneficiaries registered under the ngo are tracked by an employee. This tracker is responsible in maintaining cordial relations with the beneficiaries in order to conduct successful fund raisers.

Using the knowledge of HTML, CSS, PHP and MySQL we have tried to bring our ideas and concepts together to create a NGO database management system.

1.2 User Functionality

- Employee login
- Admin login
- Employee specific dashboard
- Admin dashboard
- Assigning volunteers to events
- Display the list of assigned volunteers for a particular event
- Age calculation using date of birth
- Insertion, deletion, updating and search of the records of the database

Chapter 2

SYSTEM REQUIREMENTS

2.1 Hardware Requirements

PROCESSOR :INTEL CORE i5

RAM :8GB DDR4 RAM

MONITOR :15"/14" COLOR

HARD DISK :HDD/SSD

CDDRIVE :LG52X

KEYBOARD :STANDARD 102 KEYS

MOUSE :OPTICAL MOUSE

2.2 Software Requirements

FORNT END :HTML, CSS, PHP,JavaScript

BACKEND : MySQL

OPERATING SYSTEM : WINDOWS 10

Chapter 3

DESIGN

3.1 Conceptual Modeling

Conceptual modeling for the NGO management system is depicted using the Entity-Relationship diagram. This diagram contains the different entities and the relationships identified between all the entities.

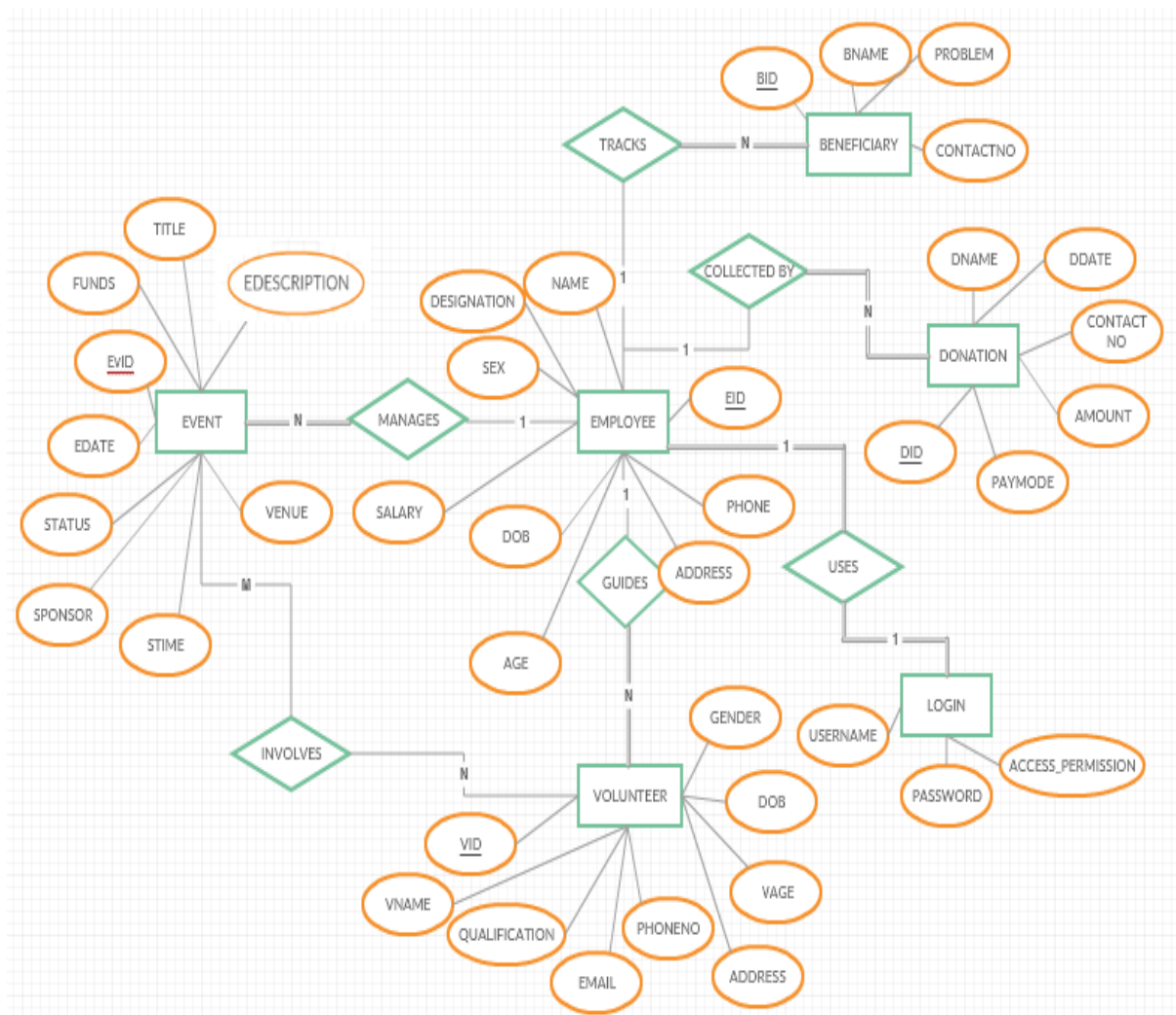


Fig 3.1 ER Diagram

3.2 Logical Modeling

The schema diagram is a logical representation of the Entity-Representation diagram the shows the relations between the keys and attributes of the relations.

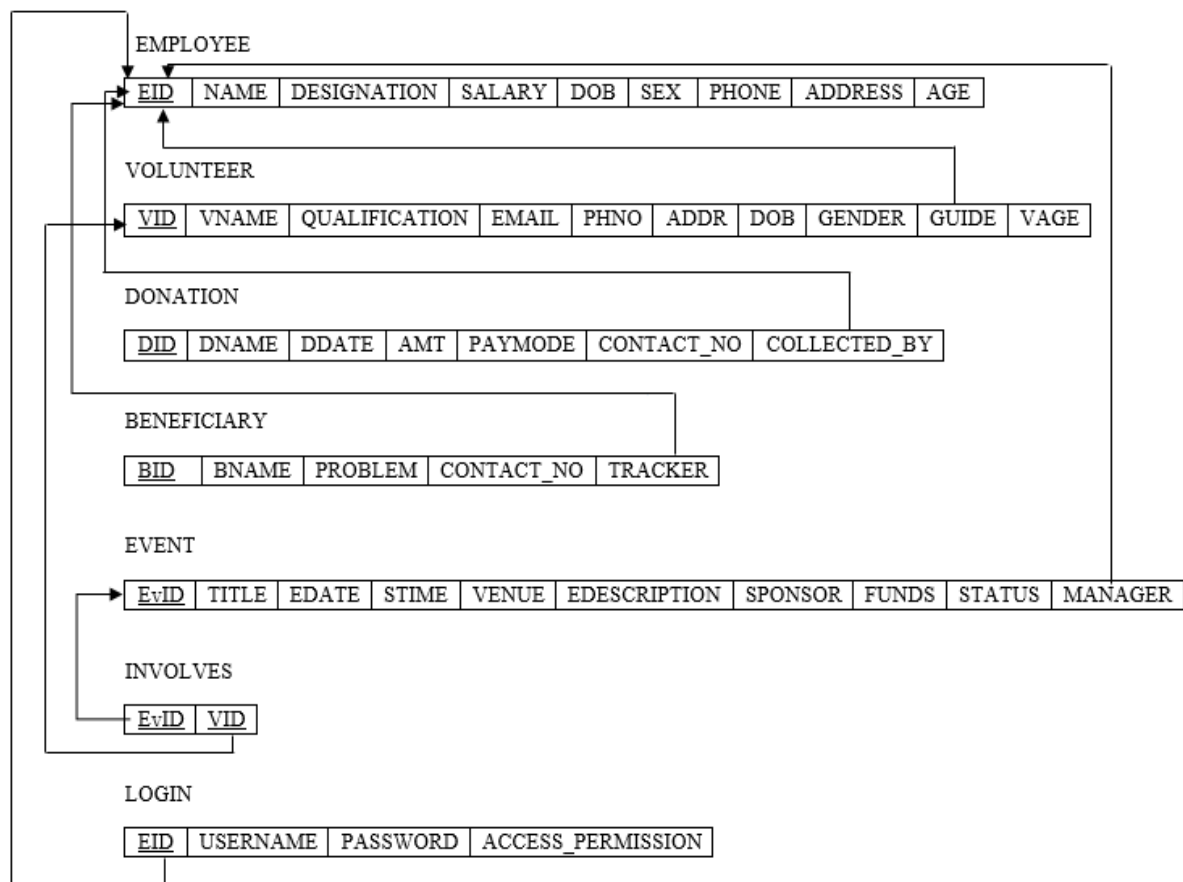


Fig 3.2 Schema Diagram

Chapter 4

IMPLEMENTATION

4.1 HTML, CSS & PHP Codes

4.1.1 Home.html

```

<!DOCTYPE>
<html>
    <head>
        <title>Home </title>
        <link rel="stylesheet" type="text/css" href="first.css">
    </head>

    <body>
        <header></header>
        <div class="navbar" >
            <nav>
                <button><a href="#home">HOME</a></button>
                <button><a href="#about">ABOUT US</a></button>
                <button><a href="events.php">EVENTS</a></button>
                <button><a href="workwithus.html">WORK WITH US</a></button>
                <button><a href="#contactus">CONTACT US</a></button>
                <button><a href="loginpage.php">LOGIN</a></button>
            </nav>
        </div>
        <div>
            <center></center></a>
        </div>
        <a name="about"><div class="section" align=center style="font-size:16px;">
            <h2><span>ABOUT US</span></h2>
            <p> Inspired to make the world a better place a group of socially driven
            enthusiasts come together to create little joys and happiness by creating fundraisers aimed
            towards the bearers of tiny hearts.The monetary support obtained from the events helps us to
            make a sustainable impact on the lives of those little folks we come in touch with.....</p>
            <p> Established in 2005, we have managed assemble the citizens of Bengaluru to
            a collective purpose that is to create and sustain the happiness among tiny humans.</p>
            <p>If you would like to assist us in any way or know of a child who might need
            help, kindly <a href="#contactus"><i style="color:#20bcd5;">contact us</i></a></p>
            <p class="quote"><i>"It is easier to build strong children than to repair broken
            men" ~ F.Douglas</i></p>
        </div>
        </a>
        <div class="section" align=center style="height:350px; font-size: 18px;">
            <a name="contactus"><h2><span>CONTACT US</span></h2>

```

```

        <p>You can always reach us out on....</p>
        <p> <i>080-25732623/
080-25711600</i></p>
        <p> <i>Erica
Towers,7th block,Koramangala,Bengaluru,Karnataka 560095</i></p>
        <p>
<i>contactus@lightofhope.org</i></p>
    </a>
</div>
<footer></footer>
</body>
</html>

```

4.1.2 events.php

```

<!DOCTYPE>
<html>

    <head>
        <title>Our Events</title>
        <link rel="stylesheet" type="text/css" href="ev.css">
    </head>
<body>
    <header></header>
    <div class="navbar">
        <nav>
            <button><a href="home.html">HOME</a></button>
            <button><a href="home.html#about">ABOUT</a></button>
            <button><a href="events.php">EVENTS</a></button>
            <button><a href="workwithus.html">WORK WITH US</a></button>
            <button><a href="home.html#contactus">CONTACT US</a></button>
            <button><a href="loginpage.php">LOGIN</a></button>
        </nav>
    </div>

    <center></center>

    <div class="section" align=center>
        <a name="events"><h2><span>UPCOMING EVENTS</span></h2></a>
        <?php
        $host="localhost";
        $dbusername="root";
        $dbpassword="";
        $dbname="ngo";
        //create a connection
        $conn=new mysqli($host,$dbusername,$dbpassword,$dbname);
        if(mysqli_connect_error())
        {
            die('Connect Error('.mysqli_connect_errno().').mysqli_connect_error());

```

```

    }

    $sql = "SELECT * FROM event where status='pending'";
    $result = mysqli_query($conn,$sql);

    if (mysqli_num_rows($result) > 0) {
        echo "<table
border=1><tr><th>Event</th><th>Date</th><th>Time</th><th>Venue</th><th>Event
description</th></tr>";
        // output data of each row
        while($row =mysqli_fetch_assoc($result)) {
            echo "<tr><td>". $row["title"]."</td><td>". $row["edate"]."</td><td>".
$row["stime"]."</td><td>". $row["venue"]."</td><td>". $row["edescription"]."</td></tr>";
        }
        echo "</table>";
        echo "<p>Interested volunteers can report to their guides.</p>";
    } else {
        echo "<p>No upcoming event details are available!!</p>";
    }
    mysqli_close($conn);
    ?>

</div>
<br>
<br>
<br>
<footer></footer>
</body>
</html>

```

4.1.3 adminlogin.php

```

<!DOCTYPE>
<?php
if(isset($_POST['submit'])){
    $host="localhost";
    $user="root";
    $password="";
    $database="ngo";
    $conn = mysqli_connect($host, $user, $password, $database) or DIE('Connection to host
has failed perhaps server is down');
    $username= $_POST['username'];
    $password= $_POST['password'];
    $query="SELECT * FROM login WHERE username='$username' AND
password='$password'and access_per='admin'";
    $result=mysqli_query($conn,$query);
    if(mysqli_num_rows($result)>0)
    {
        session_start();
        $_SESSION['username']=$username;
    }
}

```

```

        echo '<script type="text/javascript"> alert("LOGGED IN")</script>';
        header('Location: dashboard.html');
    }
    else{
        echo '<script type="text/javascript"> alert("LOGIN FAILED!")</script>';
    }
}
?>
<html>
<head>
    <title>Admin Login</title>
    <link rel="stylesheet" type="text/css" href="login.css">
</body>
    <header></header>
    <div class="navbar">
        <nav>
            <button><a href="home.html">HOME</a></button>
            <button><a href="home.html#about">ABOUT US</a></button>
            <button><a href="events.php">EVENTS</a></button>
            <button><a href="workwithus.html">WORK WITH US</a></button>
            <button><a href="home.html#contactus">CONTACT US</a></button>
            <button><a href="loginpage.php">LOGIN</a></button>
        </nav>
    </div>
    <center></center>
    <div class="loginbox">
        <h1>Login as Admin</h1>
        <form method="POST" action="adminlogin.php">
            <p>Username</p>
            <input type="text" name="username" placeholder="Enter username">
            <p>Password</p>
            <input type="password" name="password" placeholder="Enter
password">
            <input type="submit" name="submit" value=" Login ">
            <a href='loginpage.php'>Click here to go back</a><br>
        </form>
    </div>
    <footer style="margin-top:390px;"></footer>
</body>
</head>
</html>

```

4.1.4 Admin Dashboard

logindetails.php


```

<!DOCTYPE>
<?php
$host = "localhost";
$user = "root";
$password = "";
$database = "ngo";
$EID = "";
$username = "";
$password = "";
$access_per = "";

mysqli_report(MYSQLI_REPORT_ERROR | MYSQLI_REPORT_STRICT);

// connect to mysql database
try{
    $connect = mysqli_connect($host, $user, $password, $database);
} catch (mysqli_sql_exception $ex) {
    echo 'Error';
}

// get values from the form
function getPosts()
{
    $posts = array();
    $posts[0] = $_POST['EID'];
    $posts[1] = $_POST['username'];
    $posts[2] = $_POST['password'];
    return $posts;
}

if(isset($_POST['search']))
{
    $data = getPosts();
    if(isset($_GET['access_per']))
        $data[3] = $_GET['access_per'];

    $search_Query = "SELECT * FROM `login` WHERE EID = $data[0]";

    $search_Result = mysqli_query($connect, $search_Query);

    if($search_Result)
    {
        if(mysqli_num_rows($search_Result))
        {
            while($row = mysqli_fetch_array($search_Result))
            {
                $EID = $row['EID'];
                $username = $row['username'];
            }
        }
    }
}

```

```

        $password = $row['password'];
        $access_per = $row['access_per'];
    }
    }else{
        echo '<script type="text/javascript"> alert("No employee found for this ID!")</script>';
    }
    }else{
        echo 'Result Error';
    }
}

// Insert
if(isset($_POST['insert']))
{
    $data = getPosts();
    if(isset($_POST['access_per']))
        $data[3] = $_POST['access_per'];

    $insert_Query = "INSERT INTO `login`(`EID`, `username`, `password`, `access_per`)
VALUES ($data[0],$data[1],$data[2],$data[3])";
    try{
        $insert_Result = mysqli_query($connect, $insert_Query);

        if($insert_Result)
        {
            if(mysqli_affected_rows($connect) > 0)
            {
                echo '<script type="text/javascript"> alert("Login details recorded!")</script>';
            }else{
                echo '<script type="text/javascript"> alert("Login details not recorded!")</script>';
            }
        }
    } catch (Exception $ex) {
        echo 'Error Insert '.$ex->getMessage();
    }
}

// Delete
if(isset($_POST['delete']))
{
    $data = getPosts();
    if(isset($_POST['access_per']))
        $data[3] = $_POST['access_per'];

    $delete_Query = "DELETE FROM `login` WHERE `EID` =$data[0]";
    try{
        $delete_Result = mysqli_query($connect, $delete_Query);
    }
}

```

```

if($delete_Result)
{

    if(mysqli_affected_rows($connect) > 0)
    {
        echo '<script type="text/javascript"> alert("Login details deleted!")</script>';
    }else{
        echo '<script type="text/javascript"> alert("Login details not deleted!")</script>';
    }
}
} catch (Exception $ex) {
    echo 'Error Delete '.$ex->getMessage();
}
}

// Edit
if(isset($_POST['update']))
{
    $data = getPosts();
    if(isset($_POST['access_per']))
        $data[3] = $_POST['access_per'];

    $update_Query = "UPDATE `login` SET
`username`='$data[1]',`password`='$data[2]',`access_per`='$data[3]' WHERE `EID` = $data[0]";
    try{
        $update_Result = mysqli_query($connect, $update_Query);

        if($update_Result)
        {
            if(mysqli_affected_rows($connect) > 0)
            {
                echo '<script type="text/javascript"> alert("Login details modified!")</script>';
            }else{
                echo '<script type="text/javascript"> alert("Login details not modified!")</script>';
            }
        }
    } catch (Exception $ex) {
        echo 'Error Update '.$ex->getMessage();
    }
}
?>

<html>
<head>
    <title>Login Details</title>
    <link rel="stylesheet" type="text/css" href="dashboardform.css">
</head>
<body>
    <header></header>

```

```

<div class="navbar">
    <nav>
        <button><a href="dashboard.html">WELCOME</a></button>
        <button><a href="aevent.php">EVENTS</a></button>
        <button><a href="employee.html">EMPLOYEES</a></button>
        <button><a href="volunteer.html">VOLUNTEERS</a></button>
    <button><a href="abeneficiary.php">BENEFICIARIES</a></button>
    <button><a href="donation.php">DONATION</a></button>
    <button><a href="loginpage.html">LOGOUT</a></button>
    </nav>
</div>
<center></center>
<br>
<br>
    <div class="form" style="margin-top:290px; height:450px;">
    <form action="logindetails.php" method="POST">

        <h2>LOGIN ENTRY</h2>
        <table>
            <tr>
                <td>Employee ID</td>
                <td><input type="number" name="EID" class="input_field" placeholder="Enter employee
ID" value="<?php echo $EID;?>"></td>
            </tr>
            <tr>
                <td>Username </td>
                <td><input type="text" name="username" class="input_field" placeholder="Enter username
of the employee" value="<?php echo $username;?>"></td>
            </tr>
            <tr>
                <td>Password </td>
                <td><input type="text" name="password" class="input_field" placeholder="Enter password
of employee" value="<?php echo $password;?>"></td>
            </tr>
            <tr>
                <td>Access permission</td>
                <td><input type="radio" name="access_per" class="input_field" <?php
if($access_per=="non-admin"){ ?> checked="true" <?php } ?> value="<?php echo 'non-
admin';?>">non-admin
                <input type="radio" name="access_per" class="input_field" <?php
if($access_per=="admin"){ ?> checked="true" <?php } ?> value="<?php echo
'admin';?>">admin</td>
            </tr>
        </table>
        <br>
        <!-- Input For Add Values To Database-->
        <input type="submit" name="insert" value="Add">

        <!-- Input For Edit Values -->

```

```

        <input type="submit" name="update" value="Update">

        <!-- Input For Clear Values -->
        <input type="submit" name="delete" value="Delete">

        <!-- Input For Find Values With The given ID -->
        <input type="submit" name="search" value="Find">

        <center><button class="b1"><a href="logindisplay.php">View
All</a></button></center>
    </form>
</div>
</body>
<footer style="margin-top:450px"></footer>
</html>

```

logindisplay.php

```

<!DOCTYPE>
<html>
    <head>
        <title>Login Information</title>
        <link rel="stylesheet" type="text/css" href="db.css">
    </head>
<body>
    <header></header>
    <div class="navbar">
        <nav>
            <button><a href="dashboard.html">WELCOME</a></button>
            <button><a href="aevent.php">EVENTS</a></button>
            <button><a href="employee.html">EMPLOYEES</a></button>
            <button><a href="volunteer.html">VOLUNTEERS</a></button>
            <button><a href="abeneficiary.php">BENEFICIARIES</a></button>
            <button><a href="donation.php">DONATIONS</a></button>
            <button><a href="loginpage.php">LOGOUT</a></button>
        </nav>
    </div>
    <center></center>
</div>
<div class='wrapper' align='center'>
    <h2><span>LOGIN DETAILS</span></h2>
    <?php
    $host="localhost";
    $dbusername="root";
    $dbpassword="";
    $dbname="ngo";
    //create a connection
    $conn=new mysqli($host,$dbusername,$dbpassword,$dbname);
    if(mysqli_connect_error())

```

```

    {
        die('Connect Error('.mysqli_connect_errno().').mysqli_connect_error());
    }
    $sql = "SELECT l.EID,e.name,l.username,l.password, l.access_per FROM login l, employee
e where e.EID=l.EID";
    $result = mysqli_query($conn,$sql);

    if (mysqli_num_rows($result) > 0) {
        echo "<table border=1><tr><th>Employee ID</th><th>Employee
Name</th><th>Username</th><th>Password</th><th>Access permission</th></tr>";
        // output data of each row
        while($row =mysqli_fetch_assoc($result)) {
            echo "<tr><td>". $row["EID"]."</td><td>". $row["name"]."</td><td>".
$row["username"]."</td><td>". $row["password"]."</td><td>".
$row["access_per"]."</td></tr>";
        }
        echo "</table>";
    } else {
        echo "<p>Login details unavailable</p>";
    }
    mysqli_close($conn);
    ?>
</div>
<center><a href="logindetails.php">BACK</a></center>
<footer></footer>
</body>
</html>

```

Similar codes have been implemented so that admin-users can add, delete, update and views all details regarding events, volunteers, beneficiaries and donations.

4.1.5 Employee Dashboard

einvolves.php

```
<!DOCTYPE>
<?php
$host = "localhost";
$user = "root";
$password = "";
$database = "ngo";
$EvID = "";
$VID = "";

mysqli_report(MYSQLI_REPORT_ERROR | MYSQLI_REPORT_STRICT);

// connect to mysql database
try{
    $connect = mysqli_connect($host, $user, $password, $database);
} catch (mysqli_sql_exception $ex) {
    echo 'Error';
}

// get values from the form
function getPosts()
{
    $posts = array();
    $posts[0] = $_POST['EvID'];
    $posts[1] = $_POST['VID'];
    return $posts;
}

// Insert
if(isset($_POST['insert']))
{
    $data = getPosts();
    $insert_Query = "INSERT INTO `involves`(`EvID`,`VID`) VALUES ($data[0],$data[1])";
    try{
        $insert_Result = mysqli_query($connect, $insert_Query);

        if($insert_Result)
        {
            if(mysqli_affected_rows($connect) > 0)
            {
                echo '<script type="text/javascript"> alert("Volunteer has been successfully assigned!")</script>';
            }else{
                echo '<script type="text/javascript"> alert("Volunteer has not been assigned!")</script>';
            }
        }
    } catch (Exception $ex) {
        echo 'Error Insert '.$ex->getMessage();
    }
}
```

```

    }
}

// Delete
if(isset($_POST['delete']))
{
    $data = getPosts();
    $delete_Query = "DELETE FROM `involves` WHERE `EvID` = $data[0] and
`VID` = $data[1]";
    try{
        $delete_Result = mysqli_query($connect, $delete_Query);

        if($delete_Result)
        {
            if(mysqli_affected_rows($connect) > 0)
            {
                echo '<script type="text/javascript"> alert("Volunteer has been successfully
removed!")</script>';
            }else{
                echo '<script type="text/javascript"> alert("Volunteer has not removed!")</script>';
            }
        }
    } catch (Exception $ex) {
        echo 'Error Delete '.$ex->getMessage();
    }
}

// Edit
?>

<html>
<head>
    <title>Assigning volunteer</title>
    <link rel="stylesheet" type="text/css" href="empform.css">
</head>
<body>
    <header></header>
    <div class="navbar">
        <nav>
            <button><a href="empdashboard.php">WELCOME</a></button>
            <button><a href="event.php">EVENTS</a></button>
            <button><a href="empvolunteer.html">VOLUNTEERS</a></button>
            <button><a href="beneficiary.php">BENEFICIARIES</a></button>
            <button><a href="donation.php">DONATION</a></button>
            <button><a href="loginpage.php">LOGOUT</a></button>
        </nav>
    </div>
    <center></center>

```



```

<div class="form" style="height:320px; margin-top:200px;">
<form action="einvolves.php" method="POST">
  <h2>ASSIGNING VOLUNTEER</h2>
  <table>
    <tr>
      <td>Event ID</td>
      <td><input type="number" name="EvID" class="input_field" placeholder="Enter event ID"
value="<?php echo $EvID;?>"></td>
    </tr>
    <tr>
      <td>Volunteer ID</td>
      <td><input type="number" name="VID" class="input_field" placeholder="Enter volunteer
ID" value="<?php echo $VID;?>"></td>
    </tr>
  </table>
  <br>
  <!-- Input For Add Values To Database-->
  <input type="submit" name="insert" value="Add">

  <!-- Input For Clear Values -->
  <input type="submit" name="delete" value="Delete">

  <!-- Input For Find Values With The given ID -->
  <button class="b1"><a href="einvolvedisplay.php">View List</a></button>
</form>
</div>
<footer style="margin-top:350px;"></footer>
</body>
</html>

```

einvolvedisplay.php

```

<!DOCTYPE>
<html>
  <head>
    <title>VOLUNTEER LIST</title>
    <link rel="stylesheet" type="text/css" href="edb.css">
  </head>
  <body>
    <header></header>
    <div class="navbar">
      <nav>
        <button><a href="empdashboard.php">WELCOME</a></button>
        <button><a href="eevent.php">EVENTS</a></button>
        <button><a href="empvolunteer.html">VOLUNTEERS</a></button>
        <button><a href="ebeneficiary.php">BENEFICIARIES</a></button>
        <button><a href="edonation.php">DONATION</a></button>
        <button><a href="loginpage.php">LOGOUT</a></button>
      </nav>
    </div>

```

```

<center></center>
</div>
<div class='wrapper' align='center'>
    <div class="form">
        <form action="evinvolvesdisplay.php" method="POST">
            <input type="number" name="EvID" class="input_field" placeholder="Enter event ID"
value="<?php echo $EvID;?>">
            <input type="submit" name="Search" value="Search" >
        </form>
    </div>
    <?php
    flush();
    ob_flush();
    $host="localhost";
    $dbusername="root";
    $dbpassword="";
    $dbname="ngo";
    //create a connection
    $conn=new mysqli($host,$dbusername,$dbpassword,$dbname);
    if(mysqli_connect_error())
    {
        die('Connect Error(' .mysqli_connect_errno().')'.mysqli_connect_error());
    }
    function getPosts()
    {
        $posts = array();
        $posts[0] = $_POST['EvID'];
        return $posts;
    }

    if(isset($_POST['Search']))
    {
        $data = getPosts();
        $sql = "SELECT i.VID, v.vname,v.phno from volunteer v, involves i where
i.EvID=$data[0] and i.VID=v.VID";
        $result = mysqli_query($conn,$sql);

        if(!$result)
            echo "<p>details unavailable</p>";
        else{
            if (mysqli_num_rows($result) > 0) {
                echo "<h2><span>VOLUNTEER LIST</span></h2>";
                echo "<table border=1><tr><th>VID</th><th>Volunteer Name</th><th>Contact
number </th></tr>";
                // output data of each row
                while($row =mysqli_fetch_assoc($result)) {
                    echo "<tr><td>". $row["VID"]."</td><td>".
$row["vname"]."</td><td>". $row["phno"]."</td></tr>";
                }
            }
        }
    }

```

```

        echo "</table>";
    } else {
        echo "<p>Either the Event ID is invalid or No volunteers have been assigned for this
event</p>";
    }
}
}
}
mysqli_close($conn);

?>
</div>
<center><a href="einvolves.php">BACK</a></center>
<footer></footer>
</body>
</html>

```

empdashboard.php

```

<!DOCTYPE>
<html>
<head>
    <title>Dashboard</title>
    <link rel="stylesheet" type="text/css" href="edb.css">
</head>
<body>
    <header></header>
    <div class="navbar">
        <nav>
            <button><a href="empdashboard.php">WELCOME</a></button>
            <button><a href="eevent.php">EVENTS</a></button>
            <button><a href="empvolunteer.html">VOLUNTEERS</a></button>
            <button><a href="ebeneficiary.php">BENEFICIARIES</a></button>
            <button><a href="edonation.php">DONATIONS</a></button>
            <button><a href="loginpage.php">LOGOUT</a></button>
        </nav>
    </div>
    <center></center>
    <div class="wrapper" align=center>
        <h2><span>MY INFORMATION</span></h2>
        <?php
            $host="localhost";
            $dbusername="root";
            $dbpassword="";
            $dbname="ngo";
            //create a connection
            $conn=new mysqli($host,$dbusername,$dbpassword,$dbname);
            if(mysqli_connect_error())
            {
                die('Connect Error('.mysqli_connect_errno().')'.mysqli_connect_error());
            }
        </?php>
    </div>

```

```

    session_start();
    $username=$_SESSION['username'];
    //echo "Logged in username:". $username;
    $query="SELECT * FROM employee e, login l where l.EID=e.EID and
e.EID=(Select EID from login where username='$username')";
    $result = mysqli_query($conn,$query);
    if(!$result)
        echo "Your information has not been entered!";
    else{
    if(mysqli_num_rows($result) > 0) {
    echo "<table border=1><tr><th>FIELD</th><th>YOUR
INFORMATION</th></tr>";
    // output data of each row
    while($row =mysqli_fetch_assoc($result)) {
    echo "<tr><td>Employee ID</td><td>". $row["EID"]."</td></tr>";
    echo "<tr><td>Employee name</td><td>". $row["name"]."</td></tr>";
    echo "<tr><td>Username</td><td>". $row["username"]."</td></tr>";
    echo "<tr><td>Designation</td><td>". $row["designation"]."</td></tr>";
    echo "<tr><td>Salary (per month)</td><td>". $row["salary"]."</td></tr>";
    echo "<tr><td>Date of Birth</td><td>". $row["dob"]."</td></tr>";
    echo "<tr><td>Age</td><td>". $row["age"]."</td></tr>";
    echo "<tr><td>Sex</td><td>". $row["sex"]."</td></tr>";
    echo "<tr><td>Phone number</td><td>". $row["phone"]."</td></tr>";
    echo "<tr><td>Address</td><td>". $row["address"]."</td></tr>";
    }
    echo "</table>";
    } else {
    echo "<p>User details unavailable</p>";
    }
    }
    mysqli_close($conn);
    ?>
    <p>Kindly report to the admin incase of any incorrect data! You can also send a
mail to admin@lightofhope.org</p>
    <footer style="margin-top: 150px;"></footer>
</body>
</html>

```

edonation.php

```

<!DOCTYPE>
<html>
    <head>
        <title>Your Donations</title>
        <link rel="stylesheet" type="text/css" href="edb.css">
    </head>
<body>
    <header></header>
    <div class="navbar">

```

```

<nav>
<button><a href="empdashboard.php">WELCOME</a></button>
<button><a href="eevent.php">EVENTS</a></button>
<button><a href="empvolunteer.html">VOLUNTEERS</a></button>
<button><a href="ebeneficiary.php">BENEFICIARIES</a></button>
<button><a href="edonation.php">DONATION</a></button>
<button><a href="loginpage.php">LOGOUT</a></button>
</nav>
</div>
<center></center>

<div class="wrapper" align=center>
<h2><span>DONATIONS COLLECTED BY YOU</span></h2>
<?php
$host="localhost";
$dbusername="root";
$dbpassword="";
$dbname="ngo";
//create a connection
$conn=new mysqli($host,$dbusername,$dbpassword,$dbname);
if(mysqli_connect_error())
{
    die('Connect Error(' .mysqli_connect_errno().')'.mysqli_connect_error());
}
session_start();
$username=$_SESSION['username'];
//echo "Logged in username:".$username;
$query="CALL MyDonation('$username')";
$result = mysqli_query($conn,$query);
if(!$result)
    echo "<p>Donation details unavailable!</p>";
else{
    if(mysqli_num_rows($result) > 0) {
        echo "<table border=1><tr><th>DID</th><th>Donor name</th><th>Donation
date</th><th>Amount(in INR)</th><th>Payment mode</th><th>Contact number</th></tr>";
        // output data of each row
        while($row =mysqli_fetch_assoc($result)) {
            echo "<tr><td>". $row["DID"]."</td><td>". $row["dname"]."</td><td>".
$row["ddate"]."</td><td>".
$row["amt"]."</td><td>". $row["paymode"]."</td><td>". $row["contact_no"]."</td></tr>";
        }
        echo "</table>";
    } else {
        echo "<p>There are no donations collected by you in the database!</p>";
    }
}
mysqli_close($conn);
?>
</div>

```

```
<center><a href=edon.php>click here to add/delete/update donation
entries</a></center><br>
<footer></footer>
</body>
</html>
```

Similar codes have been implemented so that non-admin users can view details regarding volunteers, beneficiaries specific to them.

4.2 Triggers

AddAge

```
CREATE TRIGGER `AddAge` BEFORE INSERT ON `employee`
FOR EACH ROW IF (NEW.dob is not NULL)
    Then SET NEW.age=TIMESTAMPDIFF(year,NEW.dob,curdate());
END IF
```

AgeAdd

```
CREATE TRIGGER `AgeAdd` BEFORE INSERT ON `volunteer`
FOR EACH ROW IF (NEW.dob is not NULL)
    Then SET NEW.vage=TIMESTAMPDIFF(year,NEW.dob,curdate());
END IF
```

AgeUpdate

```
CREATE TRIGGER `AgeUpdate` BEFORE UPDATE ON `volunteer`
FOR EACH ROW IF (NEW.dob is not NULL)
    Then SET NEW.vage=TIMESTAMPDIFF(year,NEW.dob,curdate());
END IF
```

UpdateAge

```
CREATE TRIGGER `UpdateAge` BEFORE UPDATE ON `employee`
FOR EACH ROW IF (NEW.dob is not NULL)
    Then SET NEW.age=TIMESTAMPDIFF(year,NEW.dob,curdate());
END IF
```

4.3 Stored Procedures

MyBeneficiary

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `MyBeneficiary`(IN `username`  
VARCHAR(20))  
NO SQL  
SELECT * FROM beneficiary where tracker=(Select EID from login l where l.username=  
username);
```

MyDonation

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `MyDonation`(IN `username`  
VARCHAR(20))  
NO SQL  
SELECT * FROM donation where collected_by=(Select EID from login l where l.username=  
username);
```

MyEvents

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `MyEvents`(IN `username`  
VARCHAR(20))  
NO SQL  
SELECT * FROM event where manager=(Select EID from login l where l.username=  
username);
```

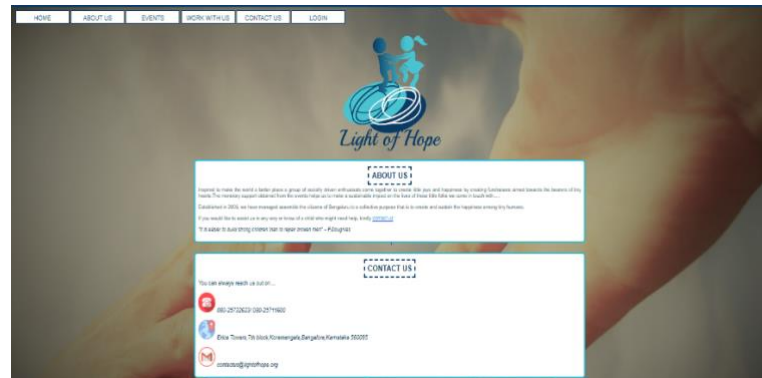
MyVolunteers

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `MyVolunteers`(IN `username`  
VARCHAR(20))  
NO SQL  
SELECT * FROM volunteer where guide=(Select EID from login l where l.username=  
username);
```

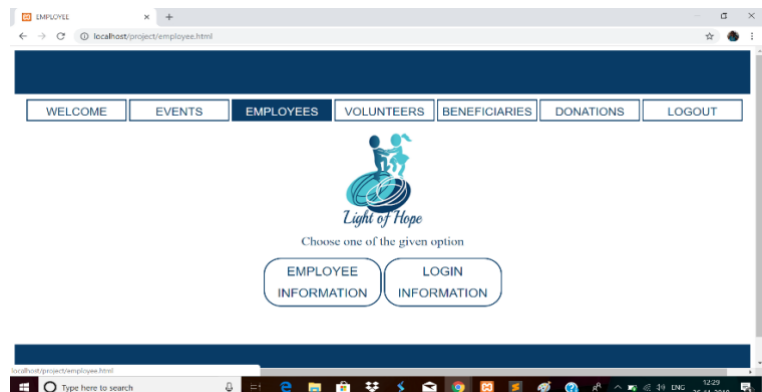
Chapter 5

DISCUSSION & SCREENSHOTS

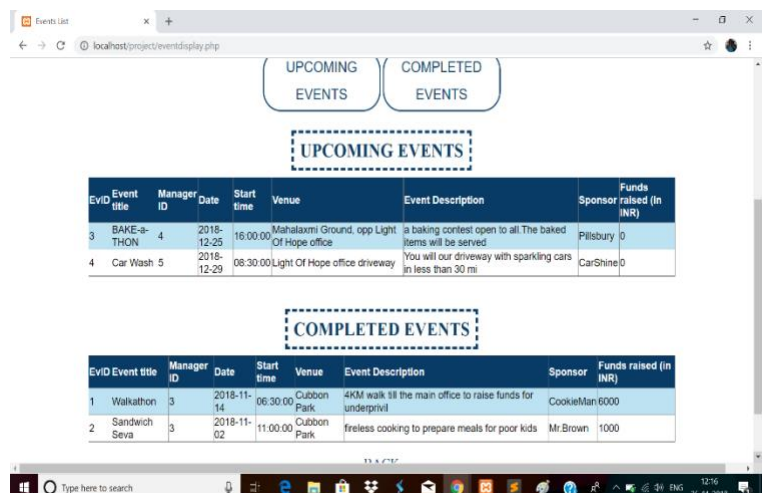
5.1 Home Page



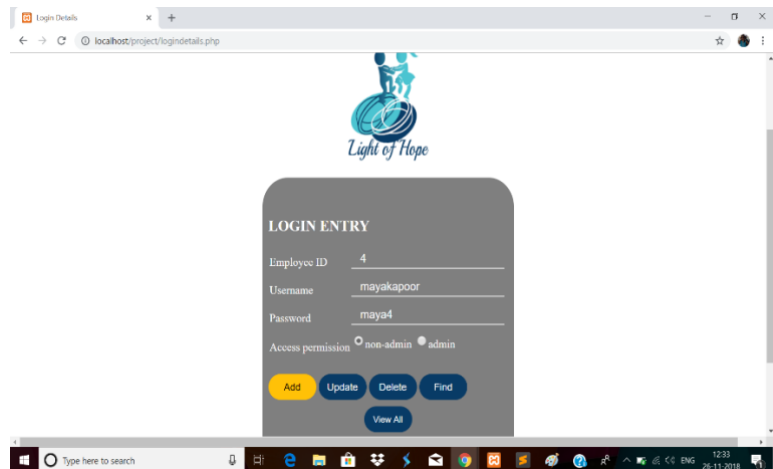
5.2 Employee Dashboard



5.3 Events



5.4 login entry



Light of Hope

LOGIN ENTRY

Employee ID: 4

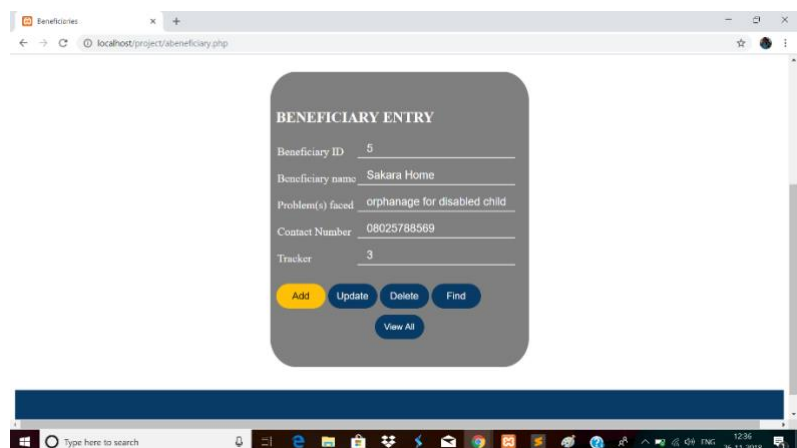
Username: mayakapoor

Password: maya4

Access permission: ☒ non-admin ☐ admin

Add Update Delete Find View All

5.5 Beneficiary entry



BENEFICIARY ENTRY

Beneficiary ID: 5

Beneficiary name: Sakara Home

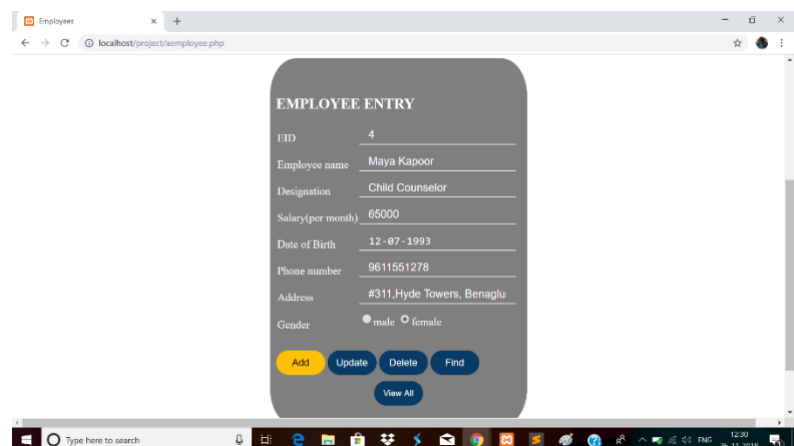
Problem(s) faced: orphanage for disabled child

Contact Number: 08025788569

Tracker: 3

Add Update Delete Find View All

5.6 Employee entry



EMPLOYEE ENTRY

EID: 4

Employee name: Maya Kapoor

Designation: Child Counselor

Salary(per month): 65000

Date of Birth: 12-07-1993

Phone number: 9611551278

Address: #311,Hyde Towers, Benaglu

Gender: ☒ male ☐ female

Add Update Delete Find View All

5.7 Event Entry

EVENT ENTRY

Event ID: 2

Event title: Sandwich Seva

Manager: 3

Event date: 02-11-2018

Start time: 11:00

Venue: Cubbon Park

Event Description: fireless cooking to prepare

Sponsor: Mr.Brown

Funds Raised(in INR): 1000

Status: ☐ pending ☐ complete

Buttons: Add, Update, Delete, Find, View All

5.8 Donation display

WELCOME EVENTS EMPLOYEES VOLUNTEERS BENEFICIARIES DONATIONS LOGOUT

Light of Hope

DONATION DETAILS

DID	Donor Name	Date	Amount(in INR)	Payment Mode	Contact Number	Collected by
1	Ruchi Mishra	2018-11-09	10000	Cash	2147483647	3
2	Amy Jackson	2018-11-08	2200	Cash	2147483647	4
3	Sameer	2018-11-22	1500	Cash	2147483647	4
4	Ashley Rowan	2018-11-16	2000	Cash	2147483647	5
5	Puja Gupta	2018-11-22	2000	Cash	2147483647	5

BACK

5.9 Employee display

WELCOME EVENTS EMPLOYEES VOLUNTEERS BENEFICIARIES DONATIONS LOGOUT

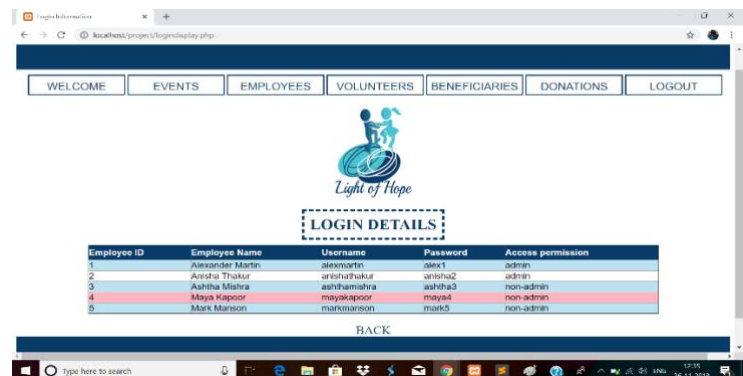
Light of Hope

EMPLOYEE DETAILS

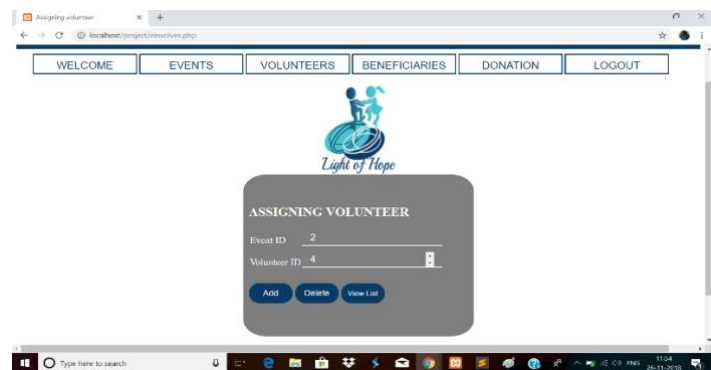
EID	Employee Name	Designation	Salary(in INR)	Date of Birth	Age	Gender	Phone Number	Address
1	Alexander Martin	DBA	90000	1993-11-01	25	male	9980793821	#309 Golden Park Apartments,R,T Nagar,Bengaluru-76
2	Anisha Thakur	Web Developer	75000	1995-02-08	23	female	9970793818	#432 6th Block,Koramangala,Bengaluru-95
3	Aashtha Mishra	Manager	90000	1989-01-23	29	female	8618266105	#512 Park Street, Bengaluru-98
4	Maya Kapoor	Child Counselor	65000	1993-07-12	25	female	9611551278	#311,Hyde Towers, Bengaluru-34
5	Mark Manson	H.R Manager	75000	1993-05-11	25	male	9880578965	#441,BEML Layout, Bangalore-560066

BACK

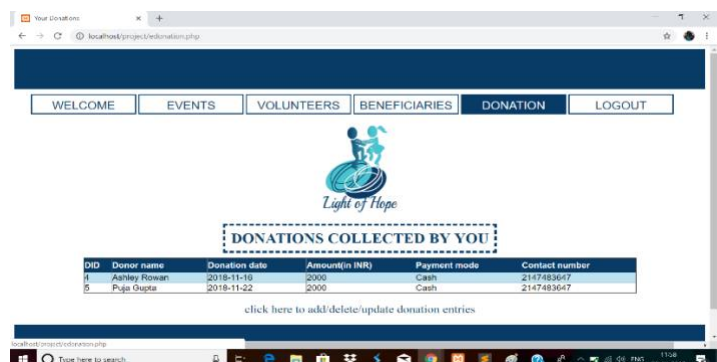
5.10 login display



5.11 Assigning volunteers to events



5.12 Employee dashboard donation



5.13 Volunteer list for a event



WELCOME EVENTS VOLUNTEERS BENEFICIARIES DONATION LOGOUT

Light of Hope

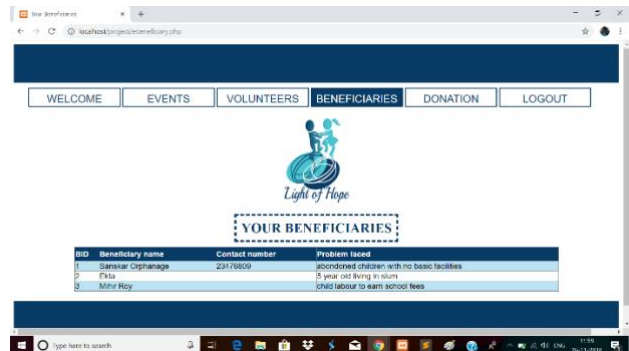
Enter event ID Search

VOLUNTEER LIST

VID	Volunteer Name	Contact number
1	Ashish Ravi	9820983402
2	Udayash Mishra	9711853400
3	Neha Thakur	8007858620
4	Darshita Goyal	9880673426

BACK

5.14 Employee dashboard beneficiary



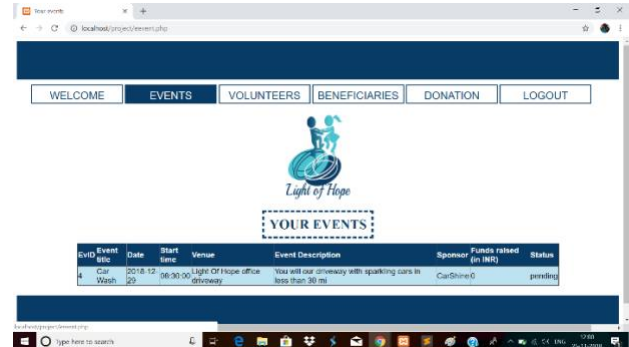
WELCOME EVENTS VOLUNTEERS BENEFICIARIES DONATION LOGOUT

Light of Hope

YOUR BENEFICIARIES

BID	Beneficiary name	Contact number	Problem faced
1	Sanskar Chitranga	23170809	abandoned children with no basic facilities
2	Pika		5 year old living in slum
3	Minir Roy		child labour to earn school fees

5.15 Employee dashboard events



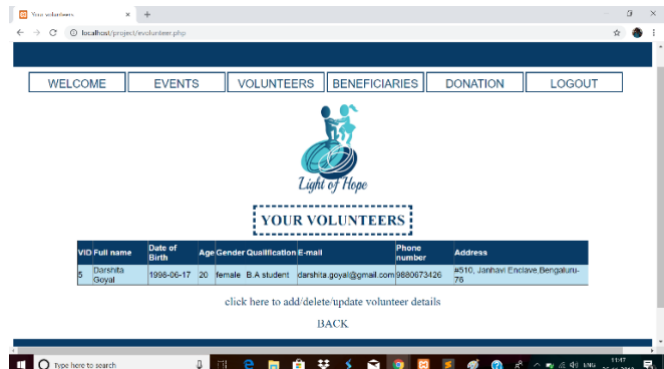
WELCOME EVENTS VOLUNTEERS BENEFICIARIES DONATION LOGOUT

Light of Hope

YOUR EVENTS

ID#	Event title	Date	Start time	Venue	Event Description	Sponsor/ Funds raised (in INR)	Status
4	Car Wash	2018-12-29	06:00:00	Light Of Hope office driveway	You will see driveway with sparkling cars in less than 30 min	CarShareG	pending

5.16 Employee dashboard volunteers



WELCOME EVENTS VOLUNTEERS BENEFICIARIES DONATION LOGOUT

Light of Hope

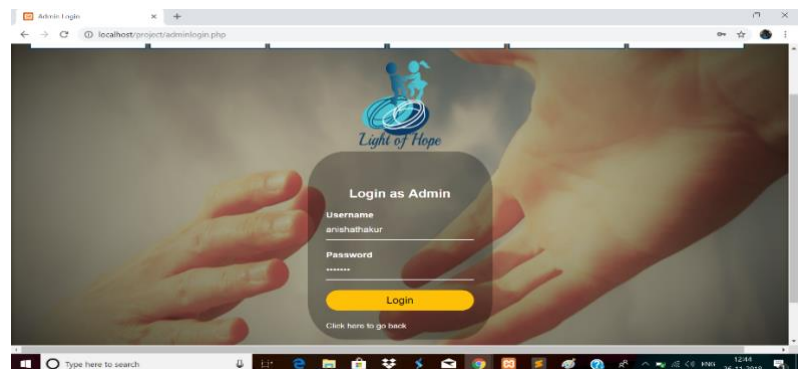
YOUR VOLUNTEERS

VID	Full name	Date of Birth	Age	Gender	Qualification	E-mail	Phone number	Address
5	Darshita Goyal	1998-06-17	20	female	B.A student	darshita.goyal@gmail.com	9880673426	#510, Janhavi Enclave, Bengaluru-78

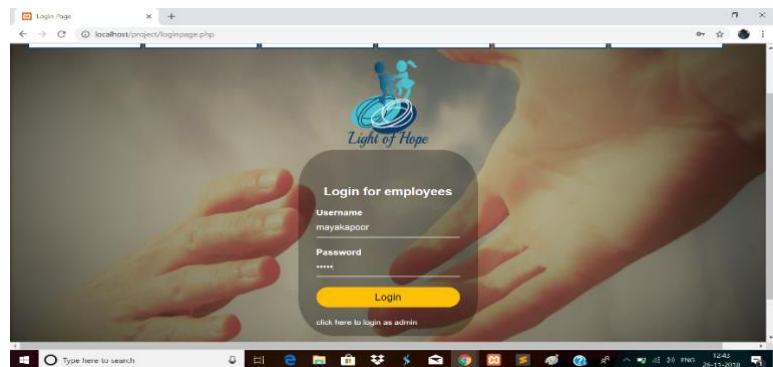
click here to add/delete/update volunteer details

BACK

5.17 Admin login



5.18 Employee login



5.19 Employee information



Chapter 6

CONCLUSION & FUTURE SCOPE

Information is an indispensable tool many organization use to advance decision making. Large amount of data are generated either manually or electronically on daily basis.

The manual system have numerous disadvantages because this methods of capturing and managing data about students is prone to data inconsistency, data redundancy, difficult to update and maintain data, bad security, difficult to impose constraint on various data file and difficult to backup.

The database system ideated for the NGO provides prudent solutions to address problems associated with manual system.

The system is free of errors and very efficient and less time consuming due to the care taken to develop it. All the phases of software development cycle are employed and it is worthwhile to state that the system is very robust. Provision is made for future development in the system.

The future scope of this project will be to have a system that allows for an online transaction system that handles the funds and donations made by the generous donors.

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- [5] w3schools SQL Database: <https://www.w3schools.com/sql/>
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