

## CHAPTER 1

# INTRODUCTION

## 1.1 OVERVIEW

The “Orphanage Management System” has been developed to override the problems prevailing in the current manual system. This software reduces the hardships faced by the existing system. More-over this system is designed for the particular need of the orphanages to carry out operations in a smooth and effective manner. In other words, it needs to be a user-friendly operation.

This system makes the operations more quick and efficient for so that the employees can manage large number of children within a short time. Many people are discouraged with the idea of going from orphanage to orphanage to find a suitable child. This tedious job is made easy by this system as it offers prospective adopters access to basic data of children.

## 1.2 OBJECTIVE

The main objective of Orphanage Management System is to manage the details of employees, adopters, children, fundraisers. The purpose of this project is to build an application program that is quicker and more efficient. Hence this management system has been designed to remove all the deficiency from which the resent system is suffering.

### 1) ACCURACY:

Orphanage management system provides a quick response with accurate information about the children etc.

### 2) USER-FRIENDLY:

This management system has a very user-friendly interface. Thus the users can easily use this system. It has a very pleasant interface.

### 3) MAINTENANCE COST:

## Orphanage management

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Reduces the cost of maintenance.

### **4) AUTOMATION:**

The Orphanage Management System automates each and every activity of the manual system and increases its throughput

## **1.3 FUNCTIONALITY PROVIDED BY ORPHANAGE MANAGEMENT SYSTEM**

- Manages the information of all employees
- Shows the details of children
- Editing, adding and updating of records
- It tracks all the information of the fundraisers
- Estimates total money raised

## **1.4 FEATURES**

- Easy to update information
- Well designed
- Better Storage capacity
- Decrease the load of person involved in existing manual system
- Easy and fast retrieval of information

## CHAPTER 2

# SYSTEM REQUIREMENT

## 2.1 HARDWARE SPECIFICATION

- Processor: Intel® Core™ i5-7200U CPU @ 2.70GHz
- Memory(RAM): 8.00 GB
- System type: 64-bit Operating System
- Hard Disk Capacity: 1 TB

## 2.2 SOFTWARE SPECIFICATION

### **For Website:**

- Technology Implemented: Apache Server
- Language Used: PHP 5.2
- Database: MySQL 5.2
- User Interface Design: HTML 5,CSS,BOOTSTRAP,JS

### **For Software Product:**

- Operating System: Windows 10
- Scripting Language: PHP
- Software: XAMPP Server 7.1.10

## CHAPTER 3

## DESIGN

### 3.1 E R DIAGRAM

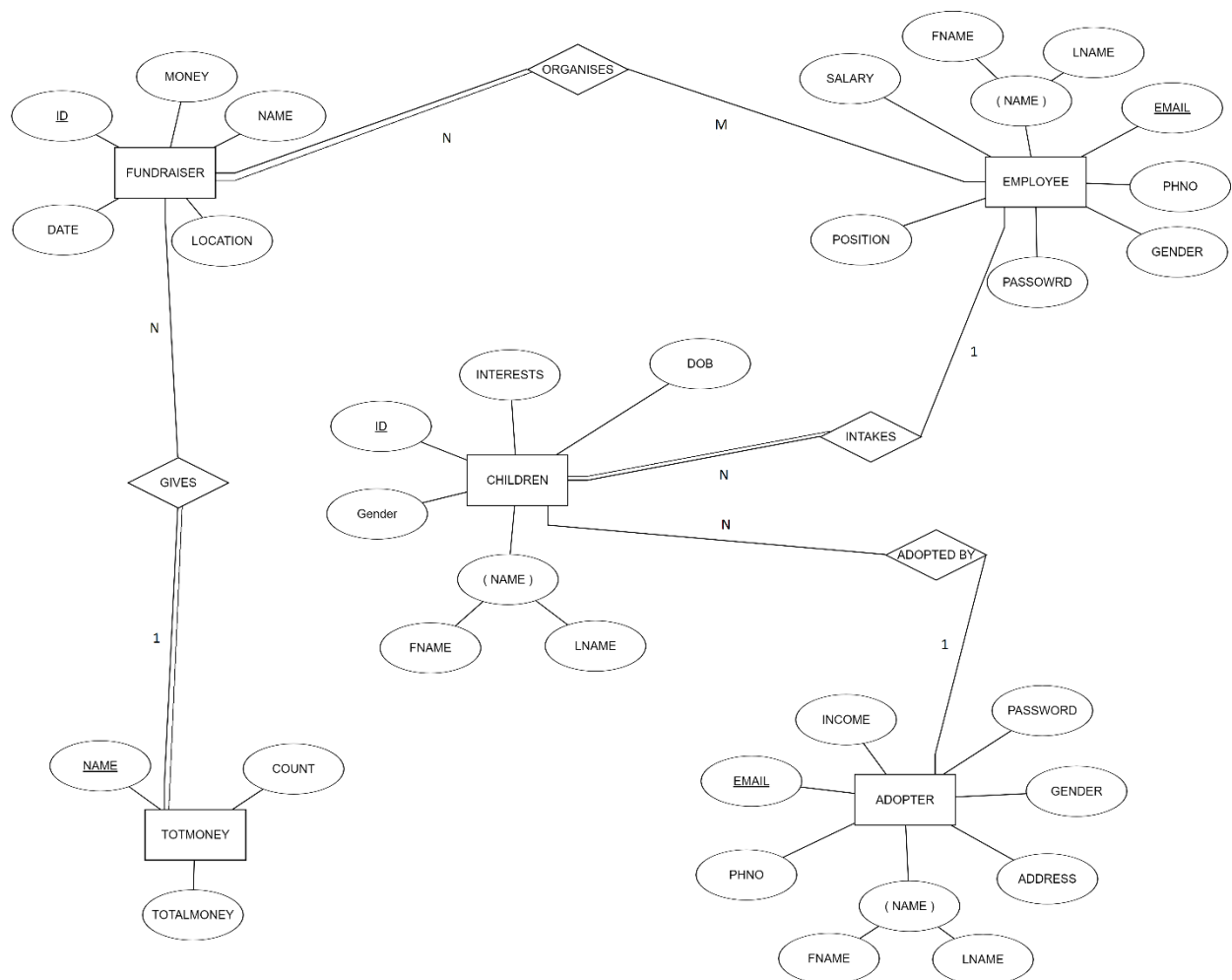


Fig 3.1 ER Diagram

## 3.2 SCHEMA

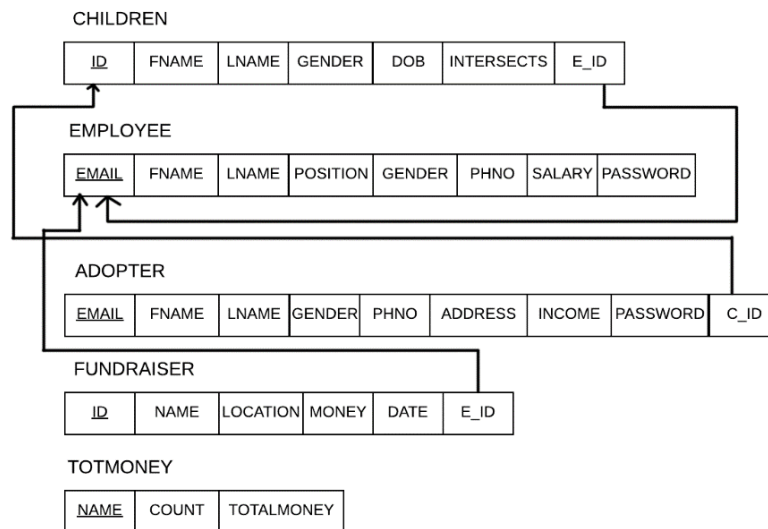


Fig 3.2 Schema

## 3.3 SQL TABLES

### 3.3.1 ADOPTER

← → ↺ local host/phpmyadmin/tbl\_structure.php?server=1&db=mini&table=a

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	<b>email</b> 🔑	varchar(30)	latin1_swedish_ci		No	None		
2	<b>fname</b>	varchar(10)	latin1_swedish_ci		Yes	NULL		
3	<b>lname</b>	varchar(10)	latin1_swedish_ci		Yes	NULL		
4	<b>gender</b>	varchar(10)	latin1_swedish_ci		Yes	NULL		
5	<b>address</b>	varchar(30)	latin1_swedish_ci		Yes	NULL		
6	<b>phno</b>	bigint(20)			Yes	NULL		
7	<b>income</b>	int(11)			Yes	NULL		
8	<b>pwd</b>	varchar(100)	latin1_swedish_ci		Yes	NULL		

Indexes ⓘ

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	email	4	A	No	

Table 3.3.1 Adopter

### 3.3.2 CHILDREN

← → ↺ local host/phpmyadmin/tbl\_structure.php?server=1&db=mini&table=a

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	<b>id</b> 🔑	int(11)			No	None		
2	<b>fname</b>	varchar(20)	latin1_swedish_ci		No	None		
3	<b>lname</b>	varchar(20)	latin1_swedish_ci		No	None		
4	<b>dob</b>	date			No	None		
5	<b>interests</b>	varchar(20)	latin1_swedish_ci		No	None		
6	<b>gender</b>	varchar(10)	latin1_swedish_ci		No	None		

Indexes ⓘ

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	6	A	No	

Table 3.3.2 Children

## Orphanage management

### 3.3.3 EMPLOYEE

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	<b>email</b>	varchar(30)	latin1_swedish_ci		No	None		
2	<b>fname</b>	varchar(20)	latin1_swedish_ci		No	None		
3	<b>lname</b>	varchar(20)	latin1_swedish_ci		No	None		
4	<b>salary</b>	int(11)			No	None		
5	<b>position</b>	varchar(20)	latin1_swedish_ci		No	None		
6	<b>gender</b>	varchar(10)	latin1_swedish_ci		No	None		
7	<b>phno</b>	varchar(15)	latin1_swedish_ci		No	None		
8	<b>pwd</b>	varchar(100)	latin1_swedish_ci		No	None		

#### Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	email	6	A	No	

Table 3.3.3 Employee

### 3.3.4 FUNDRAISER

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	<b>id</b>	int(11)			No	None		
2	<b>name</b>	varchar(20)	latin1_swedish_ci		No	None		
3	<b>location</b>	varchar(20)	latin1_swedish_ci		No	None		
4	<b>money</b>	int(11)			No	None		
5	<b>date</b>	date			No	None		

#### Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	6	A	No	

Table 3.3.4 Fundraiser

## Orphanage management

### 3.3.5 TOTMONEY

\*\*\*ORPHANAGE MANAG x localhost / 127.0.0.1 / mi x Print view - phpMy.

localhost/phpmyadmin/tbl\_structure.php?server=1&db=mini&tabl

Name	Type	Collation	Attributes	Null	Default	Comments	Extra
name	varchar(20)	latin1_swedish_ci		No	None		
num	int(11)			No	None		
totmon	int(11)			No	None		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	name	3	A	No	

Table 3.3.5 Totmoney



## CHAPTER 4

# IMPLEMENTATION

Few important modules of code

### 4.1 REGISTER

```
<!-- <?php
require('../mysqli_connect.php');

// If form submitted, insert values into the database.
if(isset($_POST['submit'])){

    // Trim white space from the name and store the name
    $email = $_POST['email'];

    // Trim white space from the name and store the name
    $fname = ($_POST['fname']);

    // Trim white space from the name and store the name
    $lname = ($_POST['lname']);

    // Trim white space from the name and store the name
    $gender = ($_POST['gender']);

    // Trim white space from the name and store the name
    $address = trim($_POST['address']);

    // Trim white space from the name and store the name
```

## Orphanage management

---

```
$phno = ($_POST['phno']);

// Trim white space from the name and store the name
$income = ($_POST['income']);

// Trim white space from the name and store the name
$dob = ($_POST['dob']);

// Trim white space from the name and store the name
$pwd = ($_POST['pwd']);

require_once('../mysql_connect.php');

$query = "INSERT INTO adopter VALUES (?, ?, ?, ?, ?, ?, ?, ?)";

$stmt = mysqli_prepare($dbc, $query);

mysqli_stmt_bind_param($stmt, "ssssssiss",
$email, $fname, $lname, $gender, $address, $phno, $income, $dob, $pwd);

mysqli_stmt_execute($stmt);

$affected_rows = mysqli_stmt_affected_rows($stmt);
```

## Orphanage management

---

```
if($affected_rows == 1){

    echo "<div class='form'>
<h3>You are registered successfully.</h3>
<br/>Click here to <a href='login.php'>Login</a></div>";

mysqli_stmt_close($stmt);

    }
else{
?> -->

<html>
<head>
<title> FORM </title>
<style>
h1{
font-family: sans-serif;
    font-style:italic;
    font-size: 40px;
    color: Crimson;
border-style:outset;
    }
    </style>
</head>
<body background="bg5.gif">

<font color="black">
```

## Orphanage management

---

**<h1><center>\*\*\*PLEASE ENTER YOUR DETAILS\*\*\*</center></h1></b>**

**<form action="" method="post">**

**<pre>**

Email-ID:       <input type="text" name="email" value="" size=50 maxlength=50 required /><br>

First name:       <input type="text" name="fname" value="" size=30 maxlength=50 required onclick=><br><br>

Last name:       <input type="text" name="lname" value="" size=30 maxlength=50 required ><br>

Gender:           Male<input type="radio" name="gender" value="Male" /> Female <input type="radio" required name="gender" value="Female" /><br>

Address:         <input type="text" name="address" value="" size=50 maxlength=50 required /><br>

Mobile no:        <input type="text" name="phno" value="" size=50 maxlength=50 required /><br>

Income:          <input type="text" name="income" value="" size=50 maxlength=50 required /><br>

DOB(yyyy-mm-dd): <input type="text" name="dob" value="" size=50 maxlength=50 required /><br>

Password:        <input type="password" name="pwd" value="" size=50 maxlength=50 required /><br>

**<hr COLOR = black align=center size=4 width=2000>**

**<center>**

**<input type="submit" value="submit" /><input type="reset" value="RESET"/>**

**</center>**

**</pre>**

## Orphanage management

---

```
</font>

<a href="home.php">Back to
Homepage</a>

</form>

<!-- <?php }} ?> -->

</body>

</html>
```

## 4.2 USER LOG\_IN

```
<!DOCTYPE html>

<html>

<head>

<title> ***USER LOGIN***</title>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-
beta.2/css/bootstrap.min.css" integrity="sha384-
PsH8R72JQ3SOdhVi3uxftmaW6Vc51MKb0q5P2rRUpPvrszuE4W1povHYgTpBfshb"
crossorigin="anonymous">

<style>

h1 {

font-family: sans-serif;

font-style: italic;

font-size: 40px;

color: Crimson;

border-style: outset;

}

</style>

</head>

<body style="background-image: url('bg5.gif');">
```

## Orphanage management

---

```
<?php
require('../mysqli_connect.php');
session_start();

// If form submitted, insert values into the database.
if (isset($_POST['email'])){
    // removes backslashes
    $email = stripslashes($_REQUEST['email']);
    //escapes special characters in a string
    $email = mysqli_real_escape_string($dbc,$email);
    $password = stripslashes($_REQUEST['pwd']);
    $password = mysqli_real_escape_string($dbc,$password);
    //Checking is user existing in the database or not
    $query = "SELECT * FROM adopter`` WHERE email='$email'
and pwd='".md5($password)."'";
    $result=mysqli_query($dbc,$query);
    $rows = mysqli_num_rows($result);
    if($rows==1){
        $_SESSION['email'] = $email;
        // Redirect user to index.php
        header("Location: index.php");
    }else{
        echo "<div class='form'>
<h3>Incorrect Password/EmailID</h3>
<br/>Click here to <a href='user_login.php'>Login</a></div>";
    }
}
else{
    ?>
```

## Orphanage management

---

```
<center><h1>USER LOGIN </h1></center>

<div style="padding:200px 500px 100px 500px;">

  <div class="wrap">

<center>

<form action="" method="post" name="login">

  <p style="float:center;">

<input type="email" name="email" placeholder="Email" value="" size="30" required>

</p>

  <p style="float:center;">

<input type="password" name="pwd" placeholder="Password" value="" size="30" required>

</p>

<p>

<input type="submit" value="Sign In" class="btn btn-dark btn-sm" value="" size="30">

  </p>

<a href="home.php">Back to
Homepage</a>

</form>

</center>

</div>

<?php } ?>

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkVYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.3/umd/popper.min.js"
integrity="sha384-
vFJXuSJphROIrBnz7yo7oB41mKfc8JzQZiCq4NCceLEaO4IHwicKwpJf9c9IpFgh"
crossorigin="anonymous"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"
integrity="sha384-
alpBpkh1PFOepccYVYDB4do5UnbKysX5WZXm3XxPqe5iKTfUKjNkCk9SaVuEZflJ"
crossorigin="anonymous"></script>
```

## Orphanage management

---

</body>

</html>

### 4.3 ADD CHILD

<html>

<head>

<title> FORM </title>

<style>

h1{

font-family: sans-serif;

font-style:italic;

font-size: 40px;

color: Crimson;

border-style:outset;

}

label{

display: inline-block;

float: left;

clear: left;

width:140px;

text-align: left;

}

input{

display: inline-block;

float: left;

}

</style>



## Orphanage management

---

```
</head>

<body background="bg5.gif">

<font color="black">

<?php
require('../mysqli_connect.php');

// If form submitted, insert values into the database.
if(isset($_POST['submit'])) {

    $data_missing = array();
    if(empty($_POST['id'])) {

        // Adds name to array
        $data_missing[] = 'id';

    } else {

        // Trim white space from the name and store the name
        $id = ($_POST['id']);
    }
    if(empty($_POST['fname'])) {

        // Adds name to array
        $data_missing[] = 'fname';

    } else {

        // Trim white space from the name and store the name
        $fname = ($_POST['fname']);
```

## Orphanage management

---

```
}  
if(empty($_POST['lname'])){  
  
    // Adds name to array  
    $data_missing[] = 'lname';  
  
} else {  
  
    // Trim white space from the name and store the name  
    $lname = ($_POST['lname']);  
  
}  
if(empty($_POST['dob'])){  
  
    // Adds name to array  
    $data_missing[] = 'dob';  
  
} else {  
  
    // Trim white space from the name and store the name  
    $dob= ($_POST['dob']);  
  
}  
if(empty($_POST['interests'])){
```

## Orphanage management

---

```
// Adds name to array

$data_missing[] = 'interests';

} else {

    // Trim white space from the name and store the name
    $interests= ($_POST['interests']);

}

if(empty($_POST['gender'])){

    // Adds name to array
    $data_missing[] = 'gender';

} else {

    // Trim white space from the name and store the name
    $gender = ($_POST['gender']);

}

if(empty($data_missing)){

    require_once('../mysql_connect.php');

    $query = "INSERT INTO children VALUES (?, ?, ?, ?, ?, ?)";
```

## Orphanage management

---

```

$stmt = mysqli_prepare($dbc, $query);

mysqli_stmt_bind_param($stmt, "issss", $id,$fname,$lname,$dob,$interests,$gender);

mysqli_stmt_execute($stmt);

$affected_rows = mysqli_stmt_affected_rows($stmt);

if($affected_rows == 1){

    echo "<div class='form'>

<h3>You have entered successfully.</h3>

<br/>Click here to <a href='e_dashboard.php'>Return to Dashboard</a></div>";

mysqli_stmt_close($stmt);

    }}}

else{

?>

<font color="black">

<div class='form'>

<b><h1><center>***PLEASE ENTER THE CHILD'S DETAILS***</center></h1></b>

<form name="registration" action="" method="post">

    <div>

<label>ID:</label><input type="text" name="id" required /><br><br>

<label>FIRST NAME:</label> <input type="text" name="fname" required /><br><br>

<label>LAST NAME:</label> <input type="text" name="lname" required /><br><br>

```

## Orphanage management

---

<label>DOB(YYYY-MM-DD):</label> <input type="text" name="dob" required /><br><br>

<label>INTERESTS:</label> <input type="text" name="interests" required /><br><br>

<label>GENDER:</label> <input type="radio" name="gender" value="Male" /><input type="radio" name="gender" value="Female" />(M/F) <br><br>

<input type="submit" name="submit" value="SUBMIT" /> <input type="reset" value="RESET"/>

</div>

<br><br><br><br>

</font>

<a href="e\_dashboard.php">Back to Dashboard</a>

</form>

</div>

<?php } ?>

</body>

</html>

## 4.4 DELETE FUND

<html>

<head>

<title> FORM </title>

<style>

h1 {

## Orphanage management

---

```
font-family: sans-serif;
    font-style: italic;
    font-size: 40px;
    color: Crimson;
border-style: outset;
}
label{
    display: inline-block;
    float: left;
    clear: left;
    width: 140px;
    text-align: left;
}
input{
    display: inline-block;
    float: left;
}
</style>
</head>
<body background="bg5.gif">
<font color="black">
<?php
require('../mysqli_connect.php');
// If form submitted, insert values into the database.
if(isset($_POST['submit'])){
    $data_missing = array();
    if(empty($_POST['id'])){
```

## Orphanage management

---

```
// Adds name to array

$data_missing[] = 'id';
} else {

// Trim white space from the name and store the name

$id = ($_POST['id']);

}

if(empty($data_missing)){
require_once('.././mysqli_connect.php');
$query = "DELETE FROM fundraiser where id=?";
$stmt = mysqli_prepare($dbc, $query);
mysqli_stmt_bind_param($stmt, "i", $id);

mysqli_stmt_execute($stmt);

$affected_rows = mysqli_stmt_affected_rows($stmt);

if($affected_rows == 1){
echo "<div class='form'>
<h3>You have deleted the event successfully.</h3>
<br/>Click here to <a href='e_dashboard.php'>Return to Dashboard</a></div>";

mysqli_stmt_close($stmt);

}}}

else{
?>

<font color="black">

<div class='form'>

<b><h1><center>***DELETING FUNDRAISER ENTRY***</center></h1></b>
```

## Orphanage management

---

```

<form name="registration" action="" method="post">

  <div>

<label>Fundraiser's ID:</label><input type="text" name="id" required /><br><br>

<input type="submit" name="submit" value="DELETE" />      <input type="reset"
value="RESET"/>

</div>

<br><br><br><br>

</font>

<a href="e_dashboard.php">Back to
Dashboard</a>

</form>

</div>

<?php } ?>

</body>

</html>

```



## CHAPTER 5

### DISCUSSION AND SCREENSHOTS

- The home page of the webapp will look as follows



FIG 5.1 Home page

- A new user has to register to view the details of the orphanage.

FIG 5.2 Register

## Orphanage management

- By using their email id and password the user can log in.

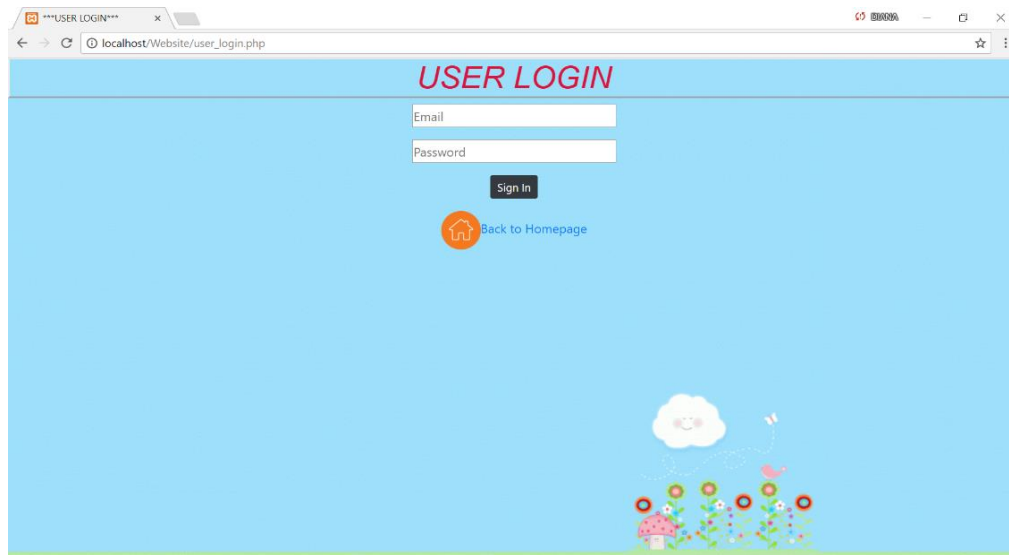


Fig 5.3 User Login

- On logging in the user gets to view his dashboard.

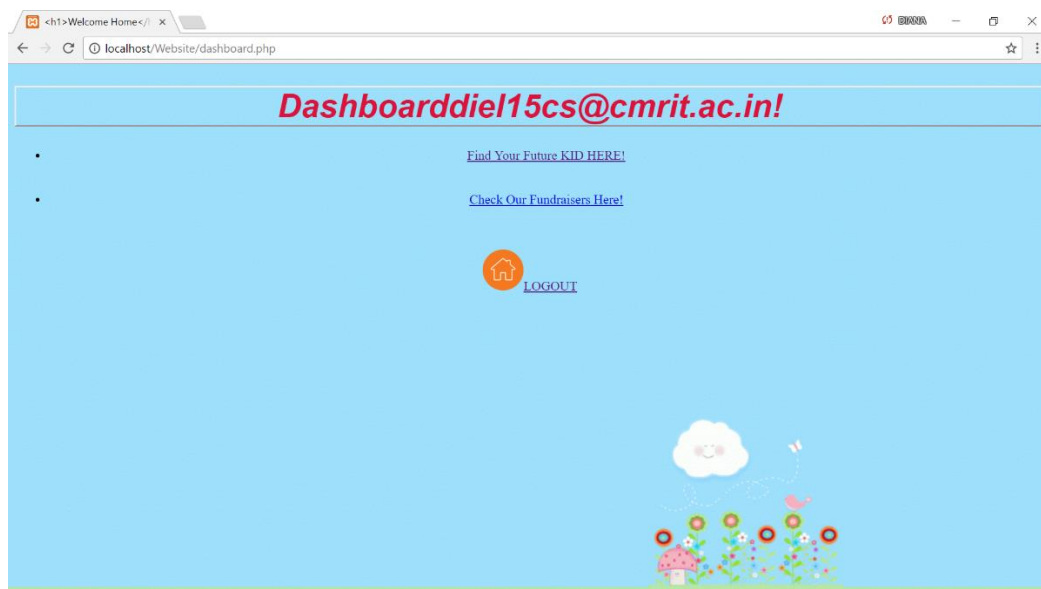
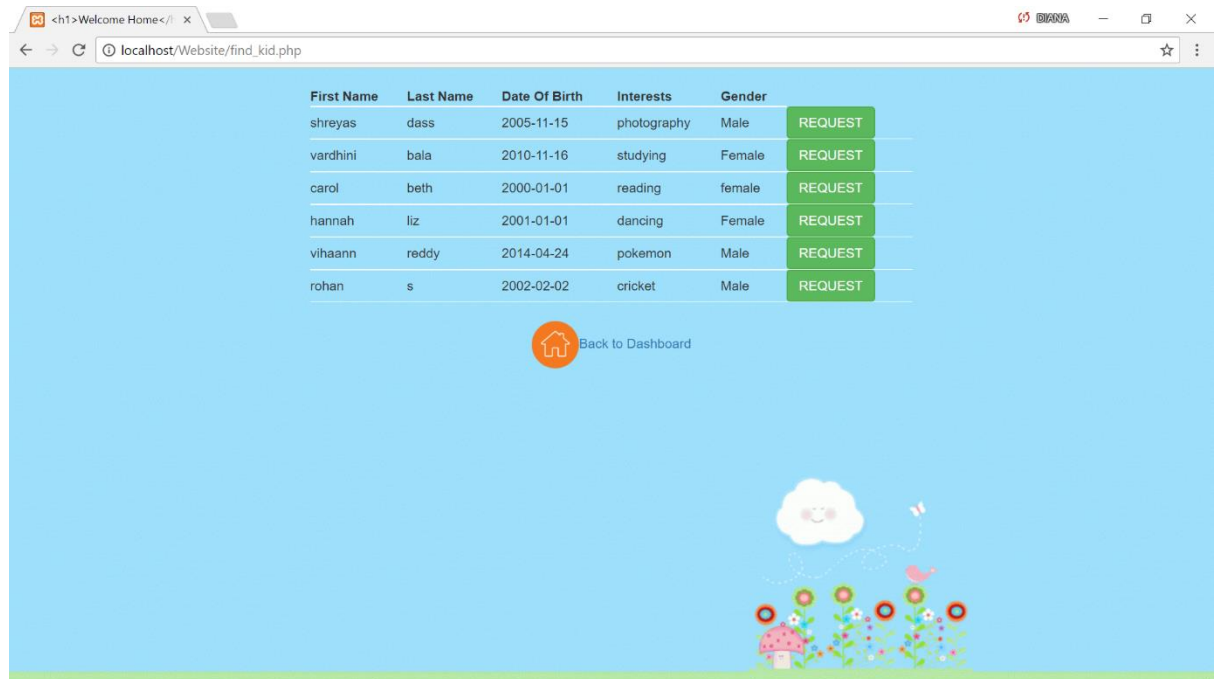


Fig 5.4 User's Dashboard

## Orphanage management

- User gets to view the basic details of these children and can request for adoption by clicking on the 'REQUEST' button.



First Name	Last Name	Date Of Birth	Interests	Gender	
shreyas	dass	2005-11-15	photography	Male	REQUEST
vardhini	bala	2010-11-16	studying	Female	REQUEST
carol	beth	2000-01-01	reading	female	REQUEST
hannah	liz	2001-01-01	dancing	Female	REQUEST
vihaann	reddy	2014-04-24	pokemon	Male	REQUEST
rohan	s	2002-02-02	cricket	Male	REQUEST


 Back to Dashboard

Fig 5.5 List Of Children

- User gets to view fundraiser details.



Name	Location	Money	Date
temple	pune	50000	2017-06-06
church	mg road	30000	2017-11-15
festival	delhi	12345	2017-12-13
oracle company	whitefield	55555	2017-01-01
sap company	kochi	11111	2011-01-03
wildcraft company	chennai	22222	2005-05-08

 Back to Dashboard

Fig 5.6 List Of Fundraisers

## Orphanage management

- Employee gets to login using his registered email and password.

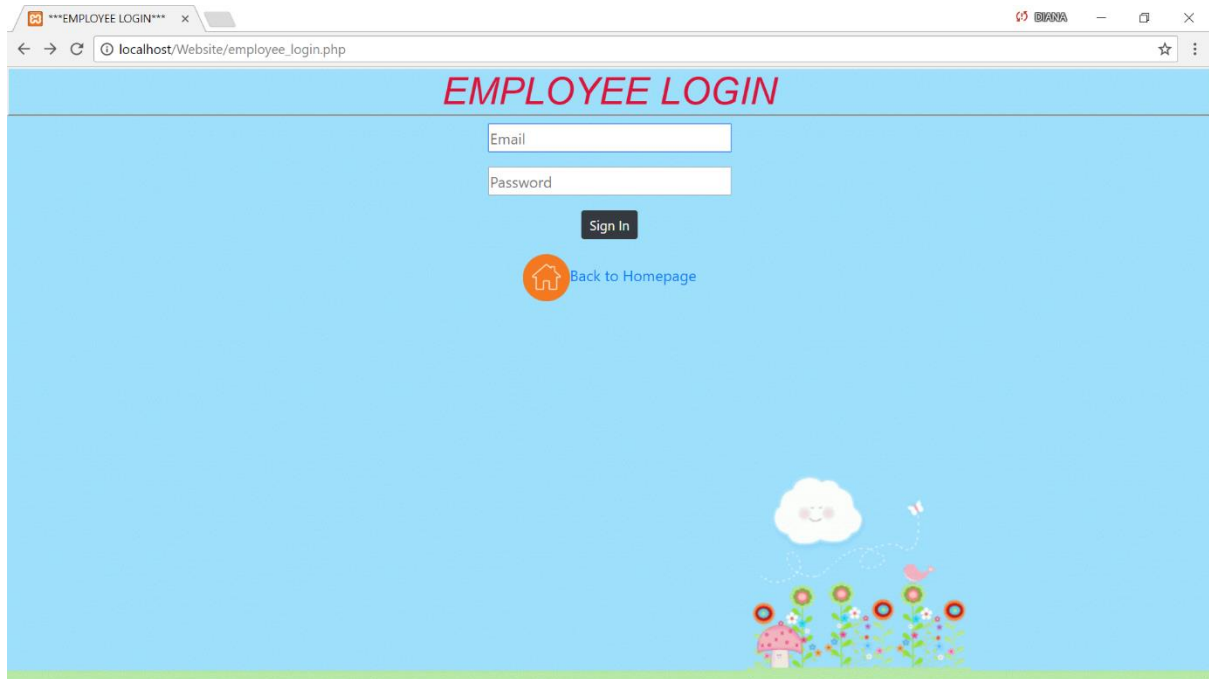


Fig 5.7 Employee Login

- On log in, employee gets to view Employee's Dashboard

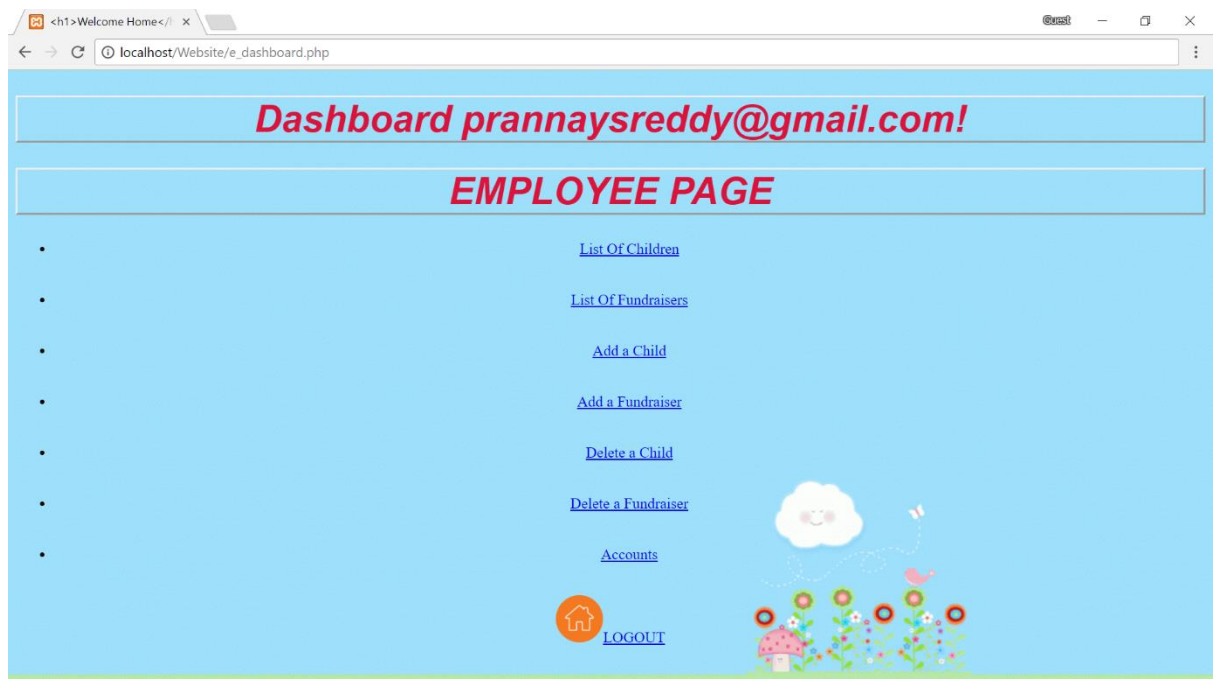


Fig 5.8 Employee Dashboard

## Orphanage management

- Employee can add a child's detail



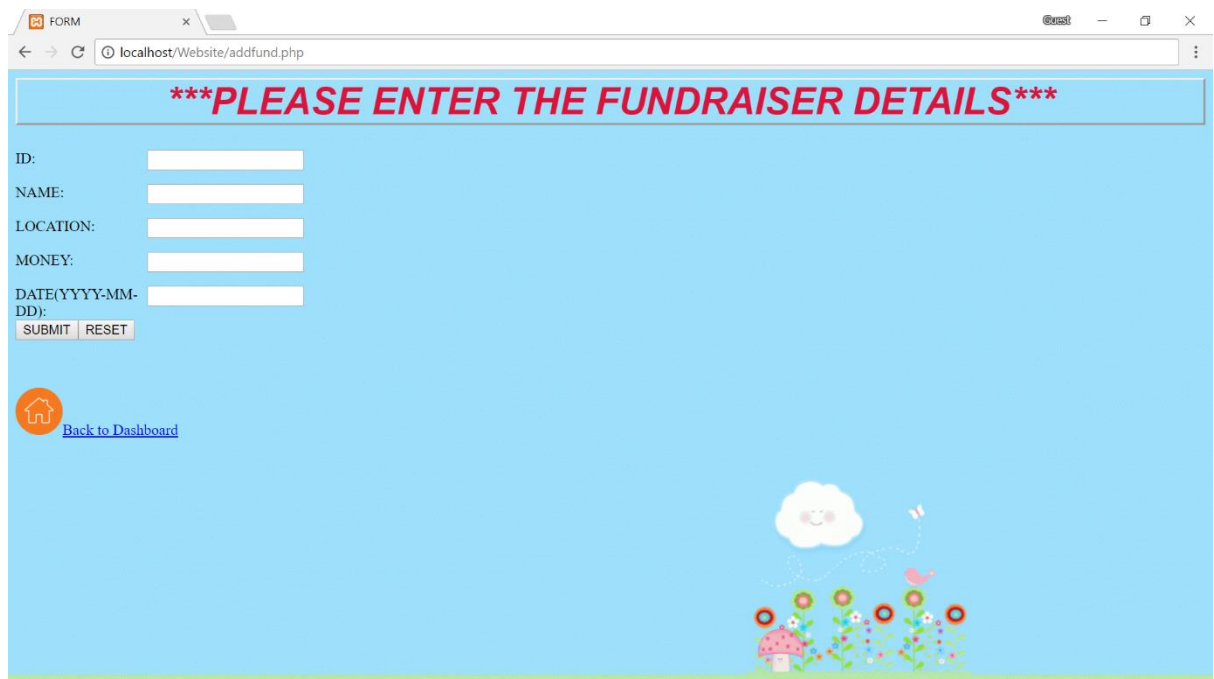
The screenshot shows a web browser window with the address bar displaying 'localhost/Website/addchild.php'. The page has a light blue background with a decorative illustration of a cloud, flowers, and a small house at the bottom right. At the top, a red banner reads '\*\*\*PLEASE ENTER THE CHILD'S DETAILS\*\*\*'. The form fields are as follows:

- ID:
- FIRST NAME:
- LAST NAME:
- DOB(YYYY-MM-DD):
- INTERESTS:
- GENDER: ☐ (M) ☐ (F)
- 

Below the form, there is a home icon and a link labeled 'Back to Dashboard'.

Fig 5.9 Employee Add Child

- Employee can add fundraiser's details



The screenshot shows a web browser window with the address bar displaying 'localhost/Website/addfund.php'. The page has a light blue background with a decorative illustration of a cloud, flowers, and a small house at the bottom right. At the top, a red banner reads '\*\*\*PLEASE ENTER THE FUNDRAISER DETAILS\*\*\*'. The form fields are as follows:

- ID:
- NAME:
- LOCATION:
- MONEY:
- DATE(YYYY-MM-DD):
- 

Below the form, there is a home icon and a link labeled 'Back to Dashboard'.

Fig 5.10 Employee Add Fundraiser

## Orphanage management

- Employee can delete the child with ID available in the list of children.

The screenshot shows a web browser window with the address bar displaying 'localhost/Website/deletechild.php'. The page has a light blue background. At the top, a red banner reads '\*\*\*DELETING CHILD ENTRY\*\*\*'. Below this, there is a text input field labeled 'Enter The Child's ID:'. Underneath the input field are two buttons: 'DELETE' and 'RESET'. On the left side, there is an orange house icon and a link that says 'Back to Dashboard'. At the bottom right, there is a decorative illustration of a pink house, flowers, and a cloud.

Fig 5.11 Employee Delete Child

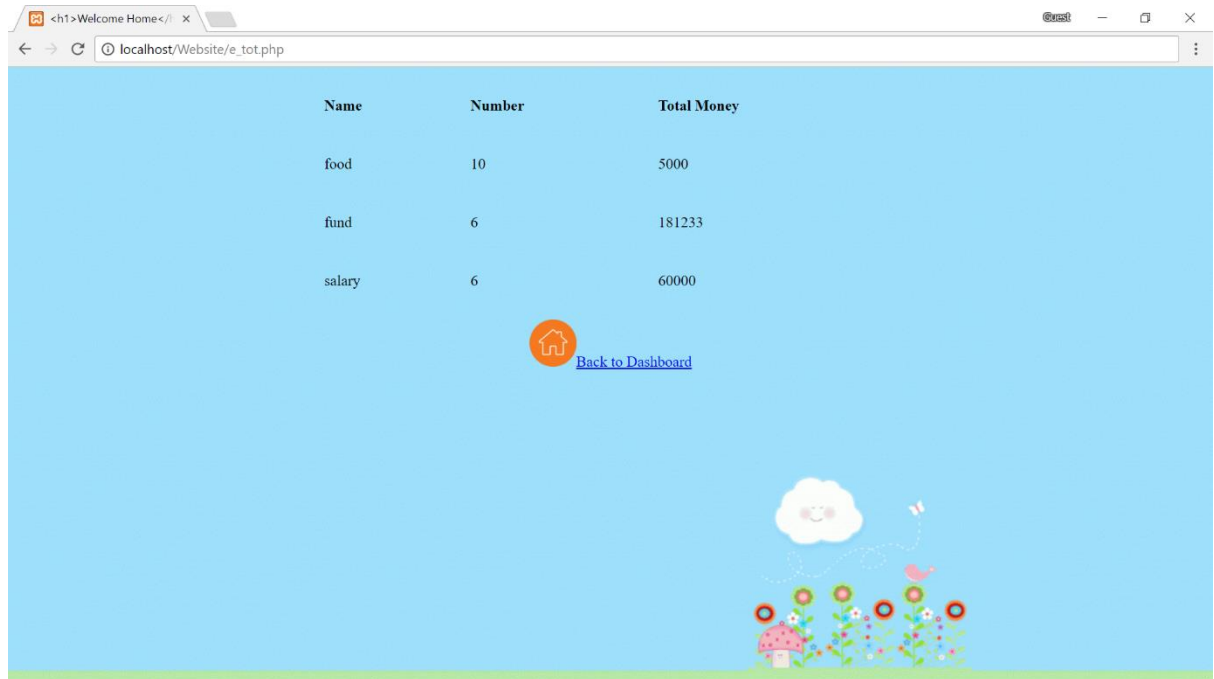
- Employee can delete the fundraiser with ID available in the list of fundraisers.

The screenshot shows a web browser window with the address bar displaying 'localhost/Website/deletefund.php'. The page has a light blue background. At the top, a red banner reads '\*\*\*DELETING FUNDRAISER ENTRY\*\*\*'. Below this, there is a text input field labeled 'Fundraiser's ID:'. Underneath the input field are two buttons: 'DELETE' and 'RESET'. On the left side, there is an orange house icon and a link that says 'Back to Dashboard'. At the bottom right, there is a decorative illustration of a pink house, flowers, and a cloud.

Fig 5.12 Employee Delete Fundraiser

## Orphanage management

- Employee can view the accounts information of the orphanage.



Name	Number	Total Money
food	10	5000
fund	6	181233
salary	6	60000


 [Back to Dashboard](#)

Fig 5.13 Employee Accounts Info



## CHAPTER 6

# CONCLUSION AND SCOPE

## 6.1 CONCLUSION

Every 30 seconds 2 children become orphans. There are more than 100 million orphans worldwide. There are an estimated 65 million orphans in Asia. It is our collective duty to find homes for these children.

This system brings us one step closer towards this initiative.

Majority of Orphanages have been using paper logs and manual entries for tracking orphanage records. These methods make it difficult to efficiently manage orphan data and to inform decisions at different levels. This project is in two folds. We analysed and examined the public perception of having a web based information system for orphanage management and also designed and implemented a web based system for management of orphanages. The system we developed keeps track of orphanages, the orphans, the helps received by the orphanages and members of the public who rendered these helps

## 6.2 FUTURE SCOPE

In the future this simple system could be expanded into a system that could accept donations online for raising funds for the orphanage. We could add medical history of these children and check if they receive assistance as and when required. The system could be taken to a whole new level by making the verification process completely digital ie the adopter could submit the required documents online and the orphanage employees can notify the prospective adopters about their eligibility.



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