SMART KVIK

by

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Major project report submitted in the partial fulfilment of the requirements of VI Semester BCA

CHRIST (Deemed to be university)

March - 2019

CERTIFICATE

This is to certify that the report titled ***SMART KVIK*** *is a bonafide record of work done by* ***Praveen Kumar (1641022), Yerraballi Suresh Kumar Reddy (1641065)*** *of CHRIST (Deemed to be University), Bangalore, in partial fulfilment of the requirements of VI Semester BCA during the year 2019.*

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ABSTRACT

Kaushalya Vikas Kendra (KViK) is a centre for skill development. Its prime objective is to make semi-literate youth from poor economic and social background ‘employable’ and to provide skilled manpower to the industries of high growth. KViK is a company set up to provide vocational training in variety of trades which are in great demand in the industry today.

The proposed project is a website that allows a different approach towards maintaining the website using CMS (Content Management System). A content management system or facilitates creating, editing, organizing, and publishing content. This website allows Admin to have full control over the files, documents, as well as the design and display of the content. You don’t have to know a single line of code to publish content. The beauty of a good content management system is to allow any user to create and manage their content without any technical know-how. The main objective of this project is to build an efficient CMS page for admin where they can control the slides, latest event, video, brochure, current programmes, upcoming programs, blog, contact information, bank details etc by inserting, updating and deleting them. Volunteer can register for any of the program Kvik requires in the website by filling in their details. Admin will be able to view and respond to them in their login.

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ABBREVATION

- Kvik- Kaushalya Vikas Kendra
- CMS- Content Management System

1. INTRODUCTION

1.1 OVERVIEW OF THE SYSTEM

Kaushalya Vikas Kendra (KViK) is a centre for skill development. Its prime objective is to make semi-literate youth from poor economic and social background 'employable' and to provide skilled manpower to the industries of high growth. KViK is a company set up to provide vocational training in variety of trades which are in great demand in the industry today. KViK has been set up by experienced and successful executives of companies who would like to give something back to the society.

The proposed project is a website that allows a different approach towards maintaining the website using CMS (Content Management System). A content management system or facilitates creating, editing, organizing, and publishing content. This website allows Admin to have full control over the files, documents, as well as the design and display of the content. You don't have to know a single line of code to publish content. The beauty of a good content management system is to allow any user to create and manage their content without any technical know-how. The main objective of this project is to build an efficient CMS page for admin where they can control the slides, latest event, video, brochure, current programmes, upcoming programs, blog, contact information, bank details etc by inserting, updating and deleting them. Volunteer can register for any of the program Kvik requires in the website by filling in their details. Admin will be able to view and respond to them in their login.

1.2 PROJECT PLAN

Table 1.1 Project plan

Title: SMART KVIK	
Department: Computer Science	
Date	**Phase**
15st November-30th November	Finalized the concept of the project
1st December-23th December	Analysis phase
1st January -20th January	Design phase
20th January-1st March	Coding
1st March-12th March	Testing
12th March -17th March	Final report submission

2. SYSTEM ANALYSIS

2.1 EXISTING SYSTEM

Existing Website has only UI design which is not properly designed and also it doesn't have many features such as login page, user registration, admin CMS, etc. Also, other existing websites which provide skill development do not have CMS provided in their website which does not allow the admin to change their slides using CMS. Also, the recent blogs, events, programs could not be updated using CMS in the existing websites all the updates need to be changed in the code directly. Registering using the website and payment is not possible in the existing website.

2.1.1 LIMITATIONS OF EXISTING SYSTEM

- Existing system doesn't include CMS (Content Management System)
- The UI is not properly aligned with quality images
- Doesn't have proper payment information
- Doesn't have much information about the training programmes available in the organisation and opportunities of the same
- Doesn't have the option to register by new user
- Website needs to be more informative and effective

2.2 PROPOSED SYSTEM

Kausalya Vikas Kendra will serve as a web site as well as a Content Management System which will cater the functionalities needed for the trainees and the administrator for the website. There will be many additional features for the Kausalya Vikas Kendra registration page for new trainees, volunteer registration page for new volunteers, more payment information for trainees as well as for donators, whomever has trained, those people's list can be shown in a separate page which can see by other companies to take those people.

2.2.1 BENEFITS OF THE PROPOSED SYSTEM

The aim is to edit the existing system with a better user interface design and also helps the admin to manage the contents of the website. Basically, the project is focused on the content management system because the trend changes every minute so to adapt for the changes in an easier way, we are making everything easily customizable by the administrator with a user interface.

2.3 LITERATURE REVIEW

There are already few NGO websites which run on CMS but not completely controllable by a non-coder. A content management system or facilitates creating, editing, organizing, and publishing content. This website allows Admin to have full control over the files, documents, as well as the design and display of the content. You don't have to know a single line of code to publish content. The beauty of a good content management system is to allow any user to create and manage their content without any technical know-how. The main objective of this project is to build an efficient CMS page for admin where they can control the slides, latest event, video, brochure, current programmes, upcoming programs, blog, contact information, bank details etc by inserting, updating and deleting them. Volunteer can register for any of the program Kvik requires in the website by filling in their details. Admin will be able to view and respond to them in their login.

The aim is to edit the existing system with a better user interface design and also helps the admin to manage the contents of the website. Basically, the project is focused on the content management system because the trend changes every minute so to adapt for the changes in an easier way, we are making everything easily customizable by the administrator with a user interface.

2.4 SOFTWARE TOOLS USED

- PHP
- JavaScript
- CSS
- HTML

3. SYSTEM REQUIREMENTS

3.1 SYSTEM MODEL

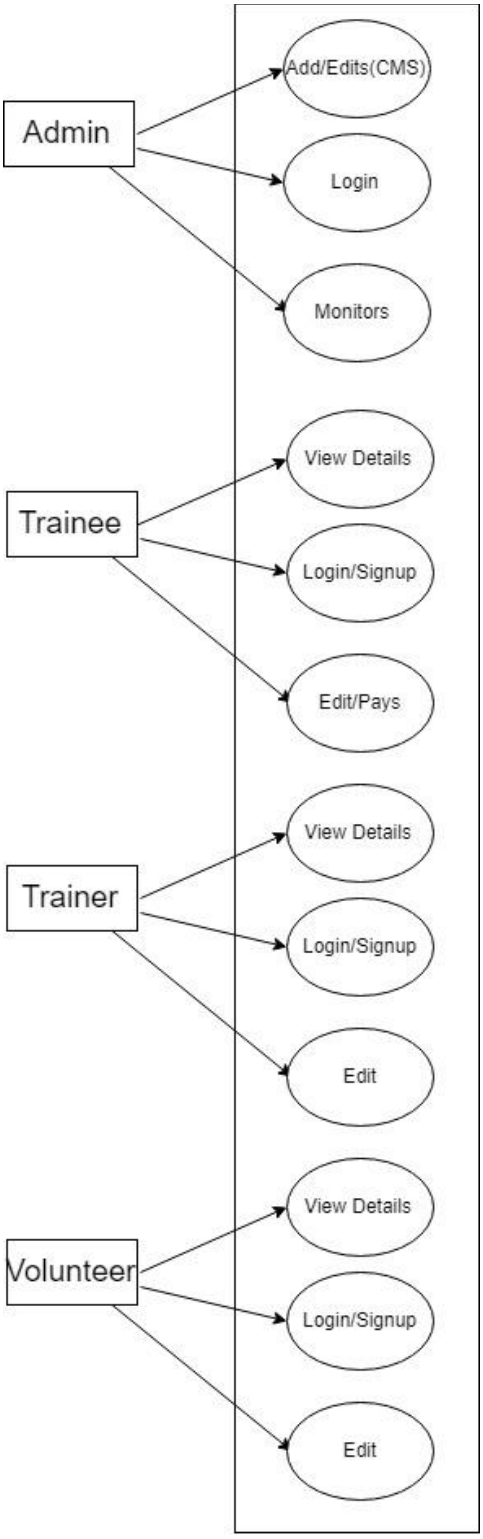

Fig 3.1 System mode

3.2 FUNCTIONAL REQUIREMENTS

- Search function for the website
- Easy to update site content, add events, remove events, edit events, write blogs
- Website Forms
- Registration Forms
- Online Enquiry Form
- Placements Form
- Login Forms

3.3 HARDWARE REQUIREMENTS

Table 3.1 Hardware requirements

Name of The Component	**Specification**
Ram	Min. 2GB
Hard Disk	Min. 500 MB
Processor	Min. I3

3.4 SOFTWARE REQUIREMENTS

Table 3.2 Software requirements

Name of The Component	**Specification**
Operating System	Windows 98, Windows XP, Windows7, Linux
Database	PhpMyAdmin
Browser	Any of Mozilla, Opera, Chrome etc
Web Server	Wamp or Xampp

4. DESIGN SPECIFICATIONS

4.1 ARCHITECTURAL DESIGN

This system follows a two-tier client-server architecture. In two-tier client-server architecture the user interface runs on the client and the database is stored on the server. The business application logic can either run on the client or the server. The user application logic can either run on the client or the server. It allows the client processes to run separately from the server processes on different computers. The client processes provide an interface for the customer that gather and present the data on the computer of the customer. This part of the application is known as presentation layer. In presentation layer, we use HTML, CSS, PHP. The server processes provide an interface with the data store of the business. This part of the application is known as data layer. In data layer, we use MySQL. The business logic, which validates data, monitors security and permissions and performs other business rules, can be kept either on the client or the server. The following Figure shows the system two-tier architecture diagram.

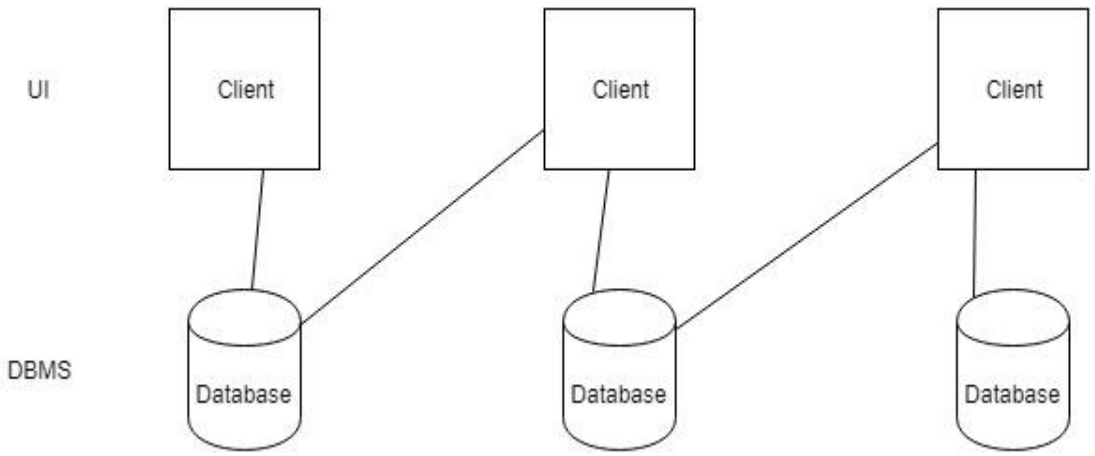

Fig 4.1 Architectural design

4.2 FLOW CHARTS

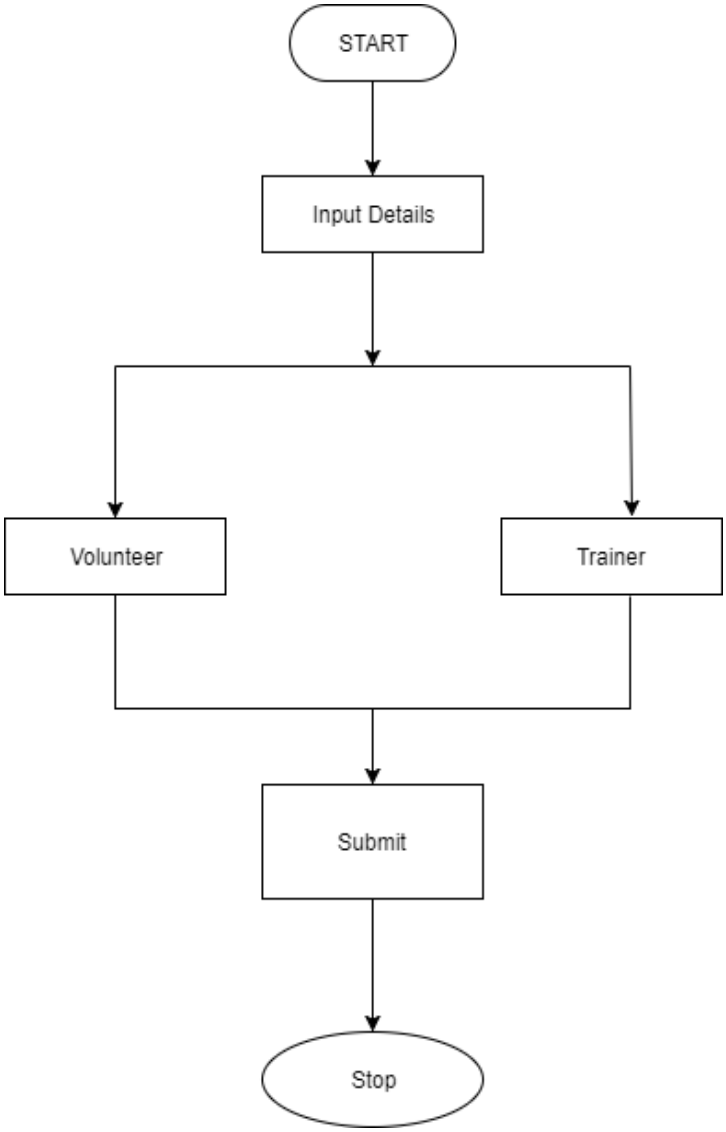

Fig 4.2 User Flowchart

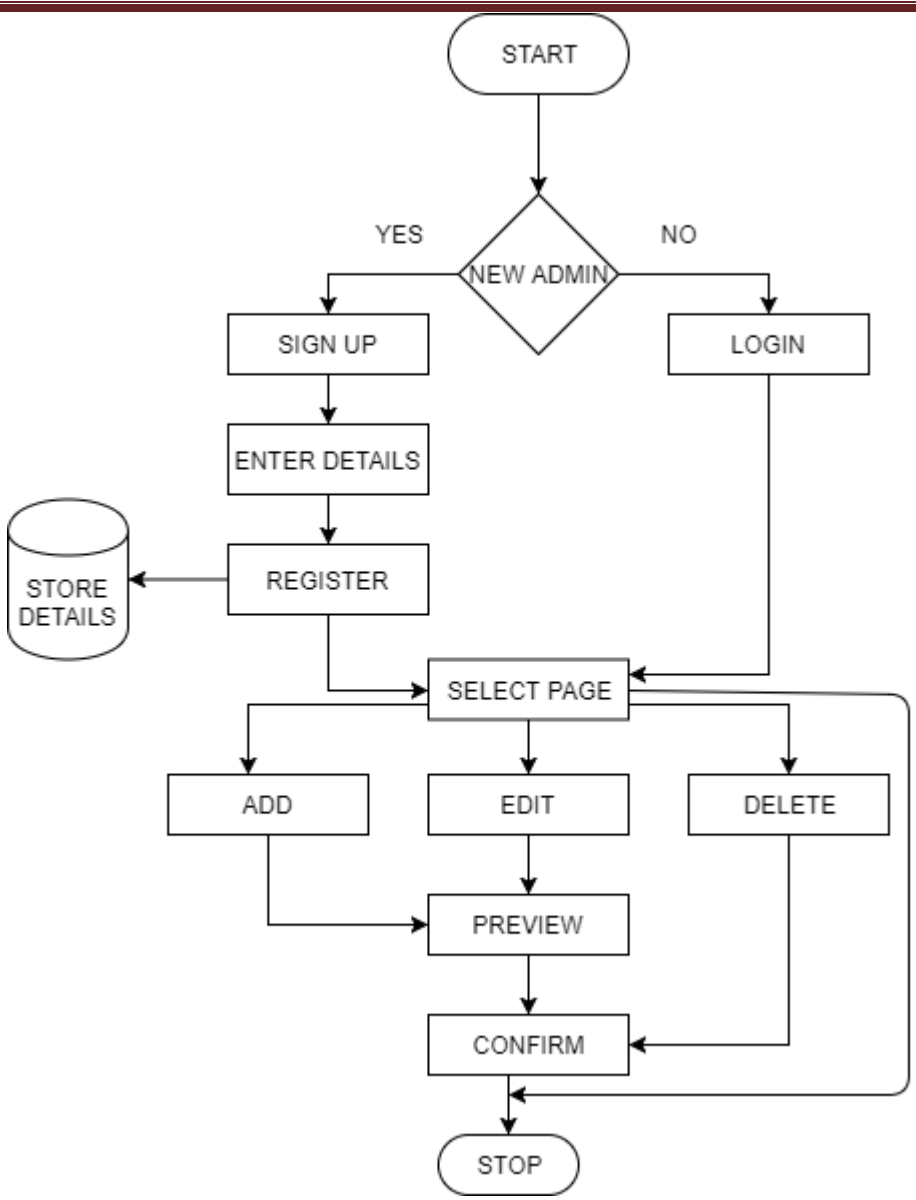

Fig 4.3 Admin Flowchart

4.3 DATABASE DESIGN

4.3.1. TABLE DESIGN

Table 4.1 Admin Table

FIELD	DATATYPE	DESCRIPTION	CONSTRAINT
AID	integer	Admin ID	PRIMARY KEY
ANAME	Varchar (40)	Admin Name	NOT NULL
APASS	Varchar	Admin Password	NOT NULL

Table: 4.2 Slide Table

FIELD	DATATYPE	DESCRIPTION	CONSTRAINT
ID	integer	ID	PRIMARY KEY
Slide1	varchar	Image of the slide	NOT NULL
Heading1	Varchar (40)	Heading of the first slide in home page	NOT NULL
Description1	Varchar	Description of the first slide in home page	NOT NULL

Table: 4.3 Testimonial Table

FIELD	DATATYPE	DESCRIPTION	CONSTRAINT
ID	integer	ID	PRIMARY KEY
Profile1	Varchar (40)	Image of the person	NOT NULL
Name1	Varchar	Name of the person	NOT NULL
Designation1	varchar	Designation of the person	NOT NULL

Table: 4.4 Home others Table

FIELD	DATATYPE	DESCRIPTION	CONSTRAINT
ID	integer	ID	PRIMARY KEY
e_heading	Varchar (40)	heading	NOT NULL
Youtube_link	Varchar	Link to be displayed in home page	NOT NULL
trained	integer	No of trained candidates	NOT NULL
volunteers	integer	No of volunteers	NOT NULL
trainers	integer	No of trainers	NOT NULL

Table: 4.5 Program Table

FIELD	DATATYPE	DESCRIPTION	CONSTRAINT
ID	integer	ID	PRIMARY KEY
Program1_pic	Varchar (40)	Image of the program	NOT NULL
Program1_name	Varchar	Name of the program	NOT NULL
Description1	varchar	Description of the program	NOT NULL
Price1	integer	Price of the program	NOT NULL

Table: 4.6 upcoming Program Table

FIELD	DATATYPE	DESCRIPTION	CONSTRAINT
ID	integer	ID	PRIMARY KEY
Slide_number	Varchar (40)	Slide number of displays	NOT NULL
heading	Varchar	Heading of the program	NOT NULL
Description	varchar	Description of the program	NOT NULL
slide	integer	Slide link to program	NOT NULL
Description2	varchar	Extra Description of the program	NOT NULL
price	integer	Price of the program	NOT NULL

Table: 4.7 Blog Table

FIELD	DATATYPE	DESCRIPTION	CONSTRAINT
ID	integer	ID	PRIMARY KEY
Blog_name	Varchar (40)	Image of the program	NOT NULL
Blog_heading	Varchar	Name of the program	NOT NULL
Blog_date	varchar	Description of the program	NOT NULL
Blog_by	integer	Price of the program	NOT NULL
Description	varchar	Description of the program	NOT NULL

Table: 4.8 Gallery Table

FIELD	DATATYPE	DESCRIPTION	CONSTRAINT
ID	integer	ID	PRIMARY KEY
gallery_name	Varchar (40)	Image of the program	NOT NULL
gallery _heading	Varchar	Name of the program	NOT NULL
gallery _date	varchar	Description of the program	NOT NULL
gallery _by	integer	Price of the program	NOT NULL
Description	varchar	Description of the program	NOT NULL
gallery _link	varchar	Link of the gallery image	NOT NULL
file_path	integer	Path of the gallery upload	NOT NULL
file_name	varchar	Name of the gallery file	NOT NULL

Table: 4.9 Contact Table

FIELD	DATATYPE	DESCRIPTION	CONSTRAINT
ID	integer	ID	PRIMARY KEY
name	Varchar (40)	Name of the person	NOT NULL
email	Varchar	Email id of the person	NOT NULL
subject	varchar	Subject of the message	NOT NULL
message	varchar	Description of the message	NOT NULL
status	varchar	Status of the message	NOT NULL

Table: 4.10 Volunteer Table

FIELD	DATATYPE	DESCRIPTION	CONSTRAINT
ID	integer	ID	PRIMARY KEY
name	Varchar	Name of the person	NOT NULL
pho	Integer (10)	Phone number of the volunteer	NOT NULL
mail	varchar	Email ID of the volunteer	NOT NULL
Course	varchar	Course of the volunteer willing to teach	NOT NULL
type	varchar	Type of volunteer	NOT NULL

4.2.1 DATA DICTIONARY

Table 4.11 Admin Table

Column	Type	Null
AID *(Primary)*	int(30)	No
ANAME	varchar(30)	No
APASS	varchar(30)	No

Table 4.12 Indexes Table

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null
PRIMARY	BTREE	Yes	No	AID	0	A	No
ANAME	BTREE	Yes	No	ANAME	0	A	No

Table 4.13 archive_blogs Table

Column	Type	Null	Default
id	int(30)	No	0
blog_number	varchar(150)	No	
blog_name	varchar(500)	No	
blog_heading	varchar(500)	No	
blog_date	date	No	
blog_by	varchar(50)	No	
description	varchar(2000)	No	
blog_time	varchar(50)	No	
blog_location	varchar(50)	No	
blog_pic	varchar(50)	No	
AID	varchar(30)	No	

archive_contact

Table 4.14 archive_contact Table

Column	Type	Null
id *(Primary)*	int(30)	No
name	varchar(50)	No
phone	varchar(10)	No
email	varchar(50)	No
subject	varchar(100)	No
message	varchar(500)	No

Indexes

Table 4.15 Indexes Table

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	2	A	No	

Table 4.16 archive_c_events Table

Column	Type	Null	Default
id	int(30)	No	0
event_number	varchar(30)	No	
event_name	varchar(100)	No	
event_date	varchar(150)	No	
event_by	varchar(100)	No	
description	varchar(200)	No	
event_link	varchar(200)	No	
slide	varchar(30)	No	
AID	varchar(30)	No	

Table 4.17 archive_events Table

Column	Type	Null
id	int(30)	No
event_number	varchar(30)	No
event_name	varchar(100)	No
event_date	date	No
event_by	varchar(100)	No
description	varchar(200)	No
event_link	varchar(200)	No
slide	varchar(30)	No
AID	varchar(30)	No

Table 4.18 archive_home_others Table

Column	Type	Null
id	int(30)	No
e_name	varchar(150)	No
e_heading	varchar(150)	No
e_description	varchar(500)	No
latest_event_link	varchar(300)	No
important_requirement	varchar(150)	No
requirement_link	varchar(150)	No
youtube_link	varchar(100)	No
trained	int(30)	No
donated	varchar(30)	No
volunteers	int(30)	No
trainers	int(30)	No
phone1	varchar(30)	No
phone2	varchar(30)	No

Table 4.19 archive_programmes Table

Column	Type	Null
id	int(30)	No
programme_number	varchar(100)	No
programme_name	varchar(100)	No
price	int(30)	No
description	varchar(500)	No
programme_link	varchar(200)	No
slide	varchar(30)	No
AID	int(22)	No

Table 4.20 archive_slides Table

Column	Type	Null
id	int(30)	No
slide_number	varchar(30)	No
heading	varchar(100)	No
description	varchar(500)	No
slide	varchar(100)	No
page_link	varchar(300)	No
AID	int(30)	No

Table 4.21 archive_test_monial Table

Column	Type	Null
id	int(30)	No
slide_number	varchar(30)	No
name	varchar(50)	No
designation	varchar(200)	No
description	varchar(200)	No
slide	varchar(30)	No
AID	int(30)	No

Table 4.22 archive_upcoming_programmes Table

Column	Type	Null
id	int(30)	No
slide_number	varchar(30)	No
heading	varchar(100)	No
description	varchar(200)	No
slide	varchar(200)	No
page_link	varchar(200)	No
AID	varchar(30)	No

Table: 4.23 Blog Table

Column	Type	Null
id *(Primary)*	int(30)	No
blog_number	varchar(150)	No
blog_name	varchar(500)	No
blog_heading	varchar(300)	No
blog_date	date	No
blog_by	varchar(50)	No
description	varchar(1500)	No
blog_time	varchar(50)	No
blog_location	varchar(100)	No
blog_pic	varchar(50)	No
AID	varchar(50)	No

Table: 4.24 Contact Table

Column	Type	Null
id *(Primary)*	int(30)	No
name	varchar(50)	No
phone	varchar(10)	No
email	varchar(50)	No
subject	varchar(200)	No
message	varchar(500)	No
status	varchar(30)	No

Table: 4.25 Gallert Table

Column	Type	Null
id *(Primary)*	int(100)	No
gallery_number	varchar(500)	No
gallery_name	varchar(300)	No
gallery_date	varchar(300)	No
gallery_by	varchar(300)	No
description	varchar(300)	No
gallery_link	varchar(300)	No
FilePath	varchar(300)	No
FileName	varchar(150)	No
AID	int(150)	No

Table: 4.26 home_others Table

Column	Type	Null
id *(Primary)*	int(30)	No
e_name	varchar(150)	No
e_heading	varchar(150)	No
e_description	varchar(500)	No
latest_event_link	varchar(300)	No
important_requirement	varchar(150)	No
requirement_link	varchar(150)	No
youtube_link	varchar(100)	No
trained	int(30)	No
donated	varchar(30)	No
volunteers	int(30)	No
trainers	int(30)	No
phone1	varchar(30)	No
phone2	varchar(30)	No
paytm	varchar(30)	No
googlepay	varchar(30)	No
slide	varchar(150)	No

Table: 4.27 Programmes Table

Column	Type	Null
id *(Primary)*	int(30)	No
programme_number	varchar(100)	No
programme_name	varchar(100)	No
price	varchar(30)	No
description	varchar(500)	No
description2	varchar(2000)	No
slide	varchar(30)	No
AID	int(22)	No

Table: 4.28 Slides Table

Column	Type	Null
id *(Primary)*	int(30)	No
slide_number	varchar(30)	No
heading	varchar(100)	No
description	varchar(500)	No
slide	varchar(500)	No
page_link	varchar(300)	No
AID	int(30)	No

Table: 4.29 volunteer Table

Column	Type	Null
ID *(Primary)*	int(30)	No
RNO	varchar(30)	No
NAME	varchar(30)	No
PHO	varchar(20)	No
MAIL	varchar(20)	No
course	varchar(30)	No
type	varchar(30)	No
date	varchar(30)	No
SIMG	varchar(100)	No

4.3.1 DATA FLOW DIAGRAMS

ADMIN DFD ZERO LEVEL:

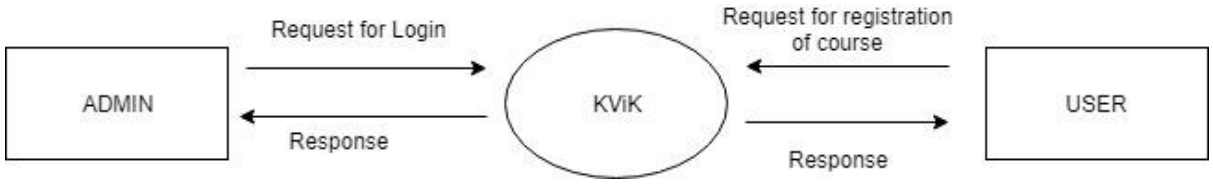

Fig 4.4 Admin zero level DFD

ADMIN DFD LEVEL-1:

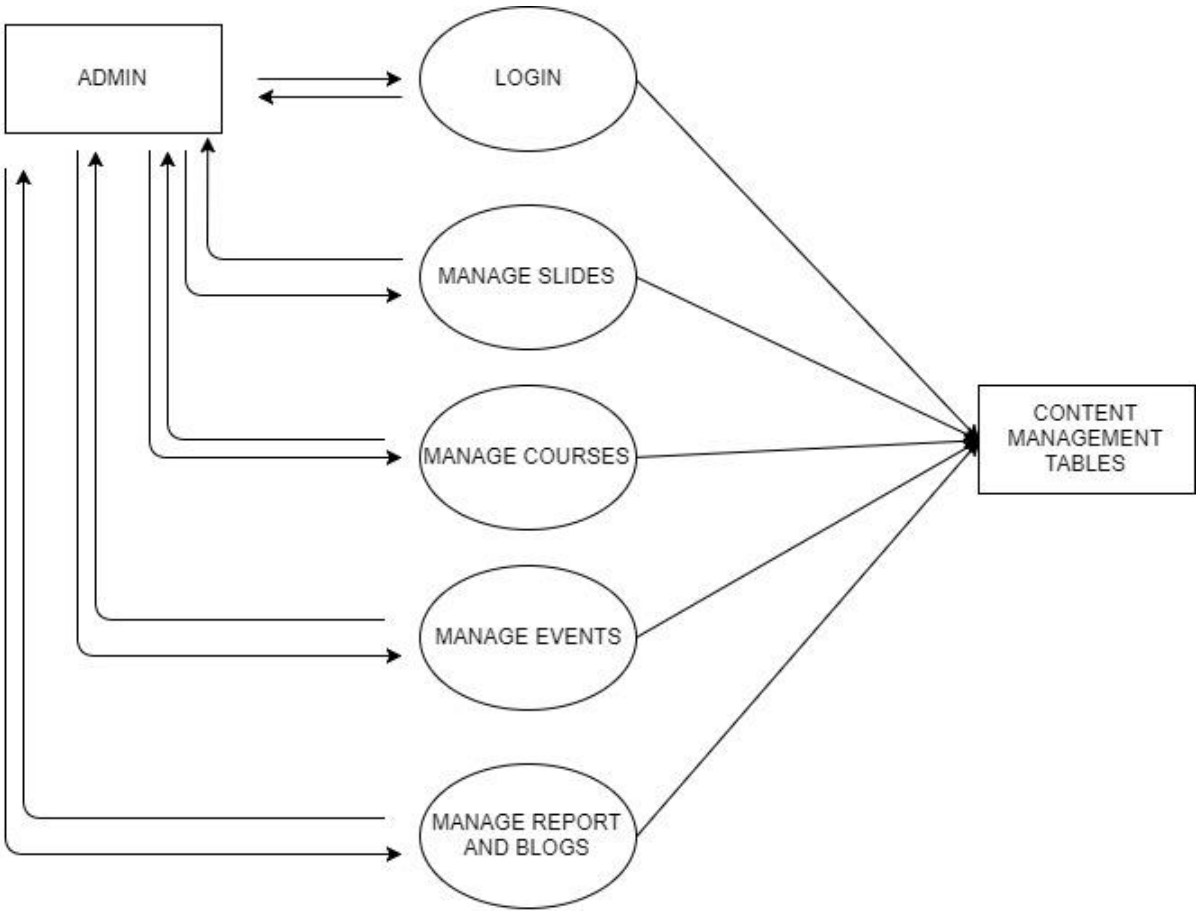

Fig 4.5 Admin first level DFD

ADMIN DFD LEVEL-2:

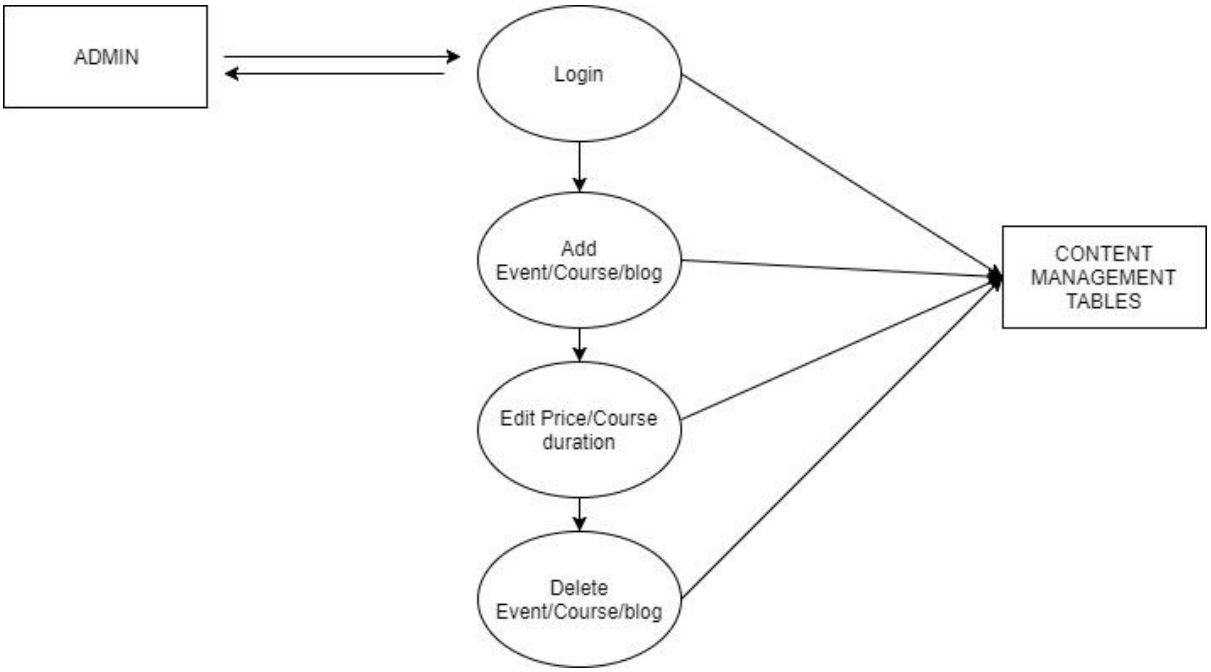

Fig 4.6 Admin second level DFD

USER DFD LEVEL-1:

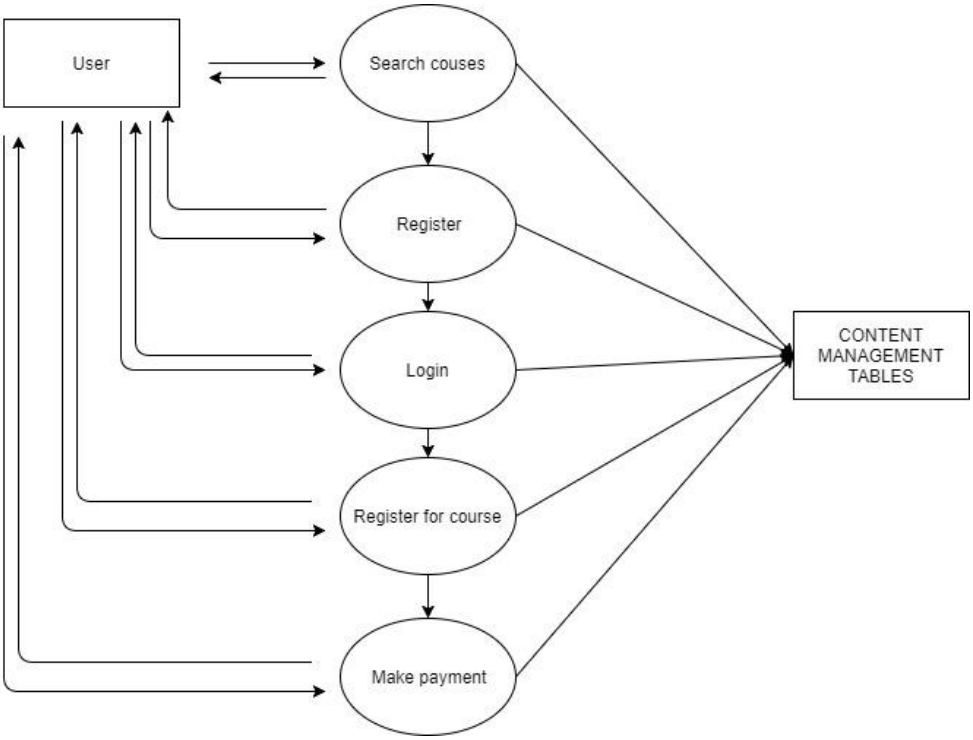

Fig 4.7 User first level DFD

USER DFD LEVEL-2:

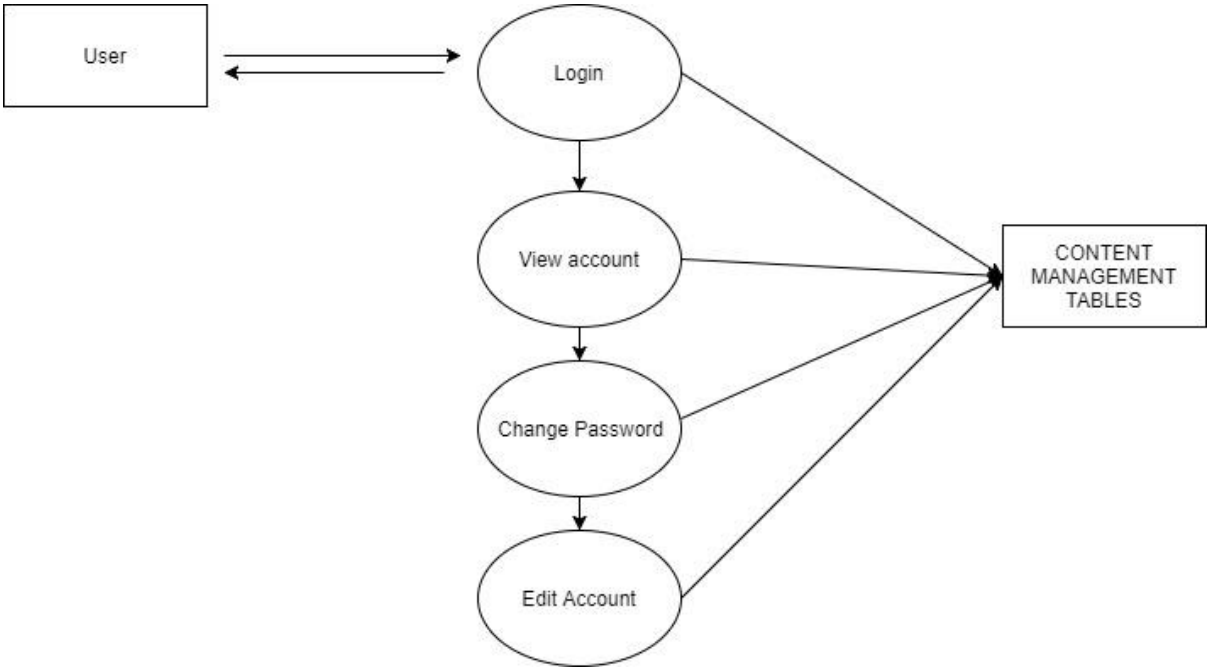

Fig 4.8 User second level DFD

4.3.3 ENTITY RELATIONSHIP DIAGRAM

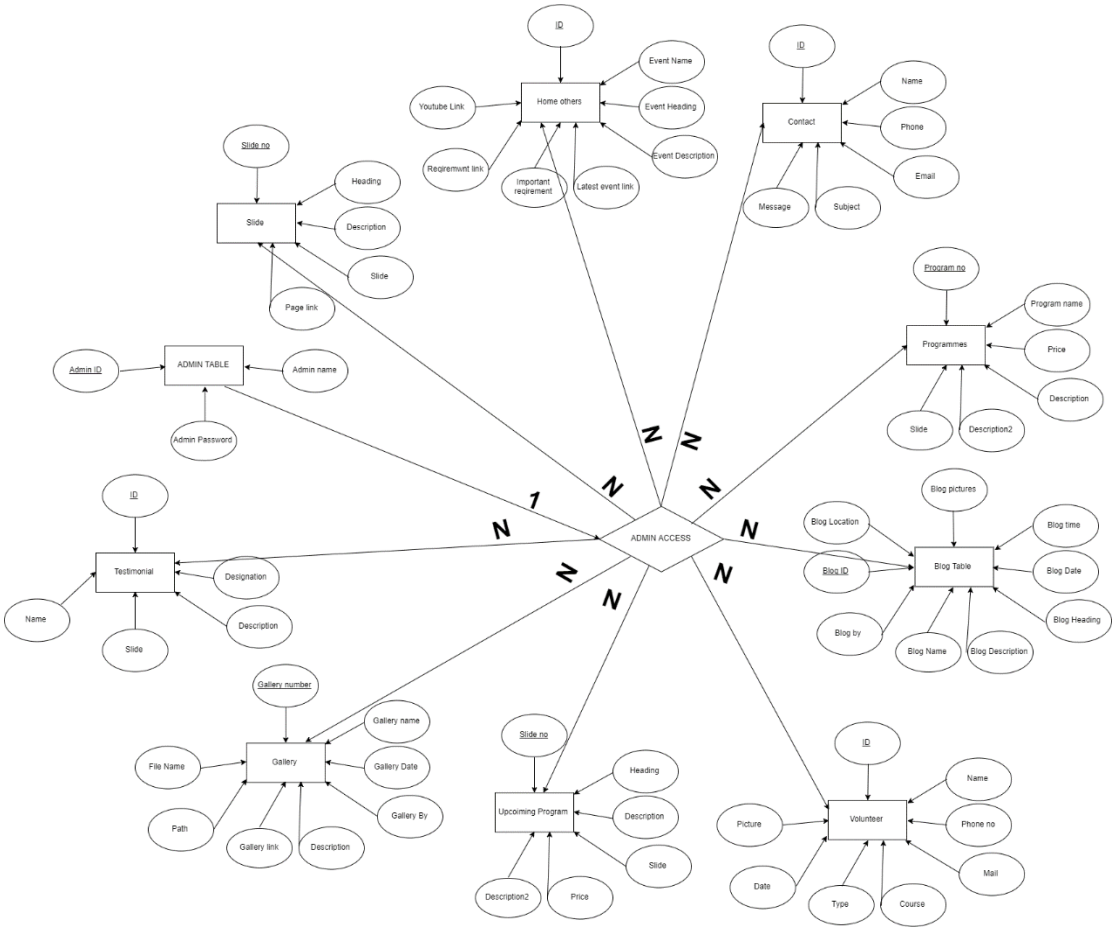

Fig 4.9 Entity relationship diagram

4.4 USER-INTERFACE DESIGN

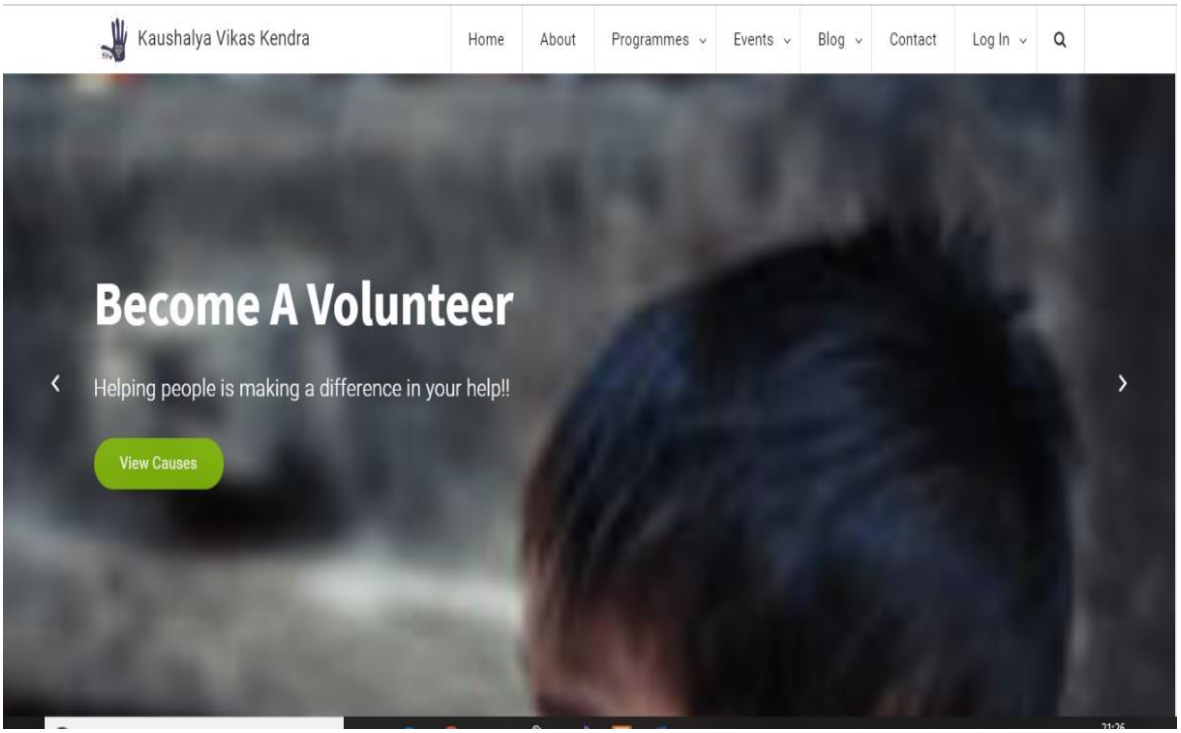

Fig.4.10 Home page

Description: Static home page

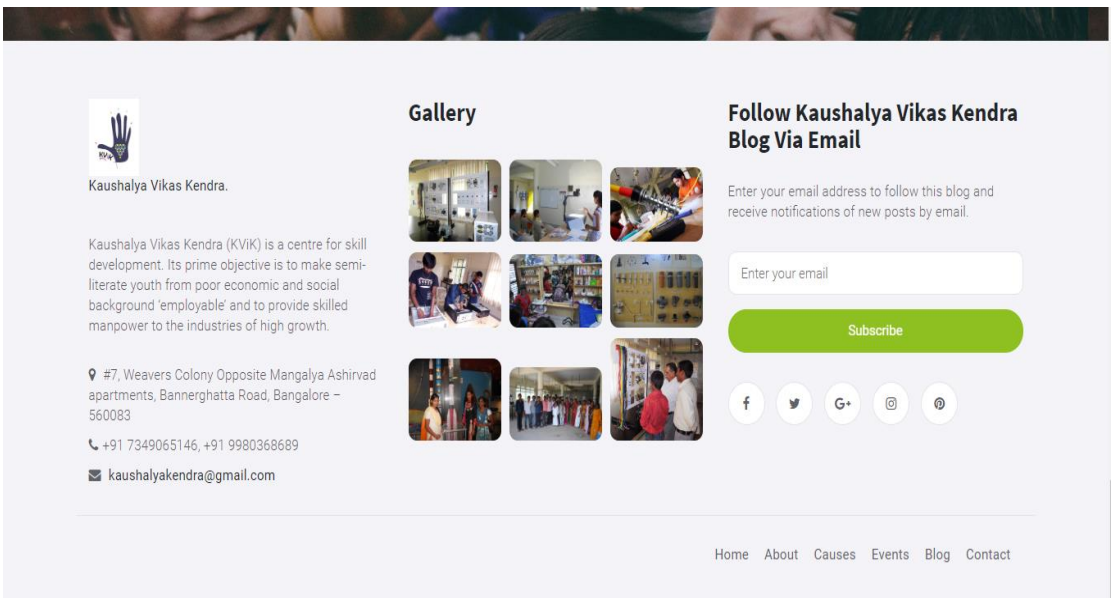

Fig.4.11 Footer

Description: Footer with contact details and subscribe option

Fig 4.12 Brochure

Description: Brochure of the organisation

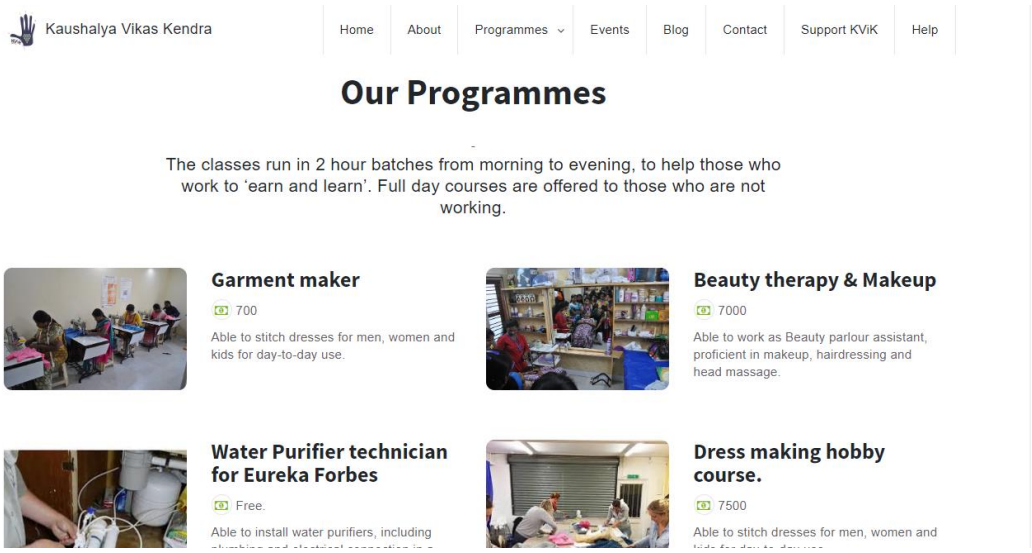

Fig 4.13 Programmes page

Description: Programmes available in the organisation

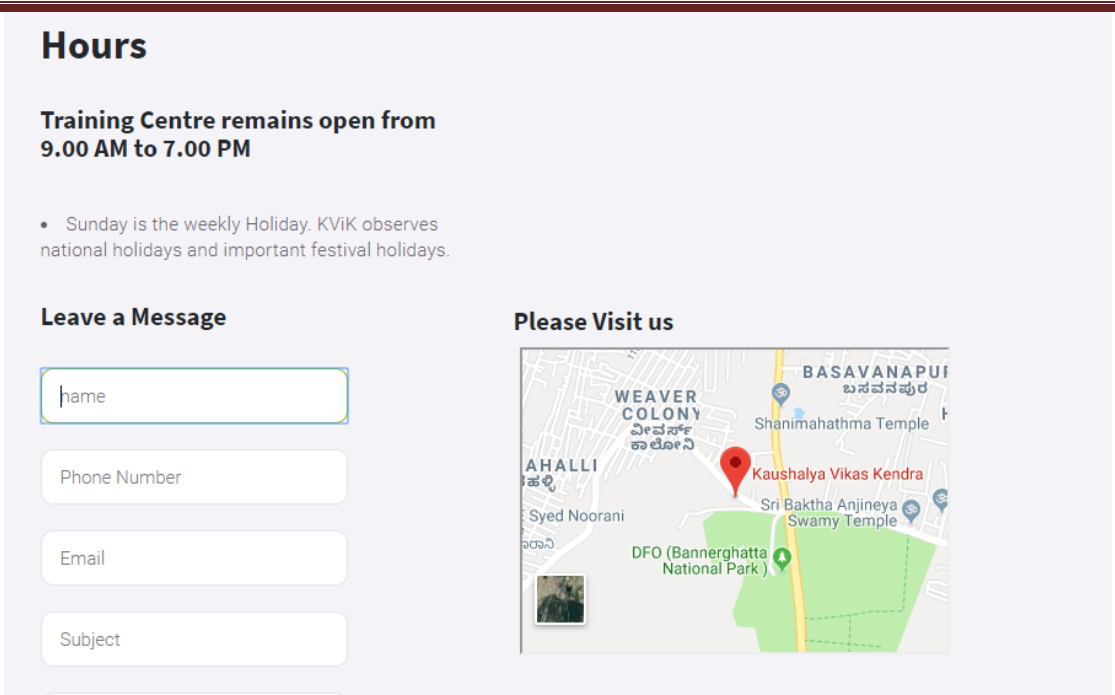

Fig 4.14 Contact page

Description: Place to send message to ask querries

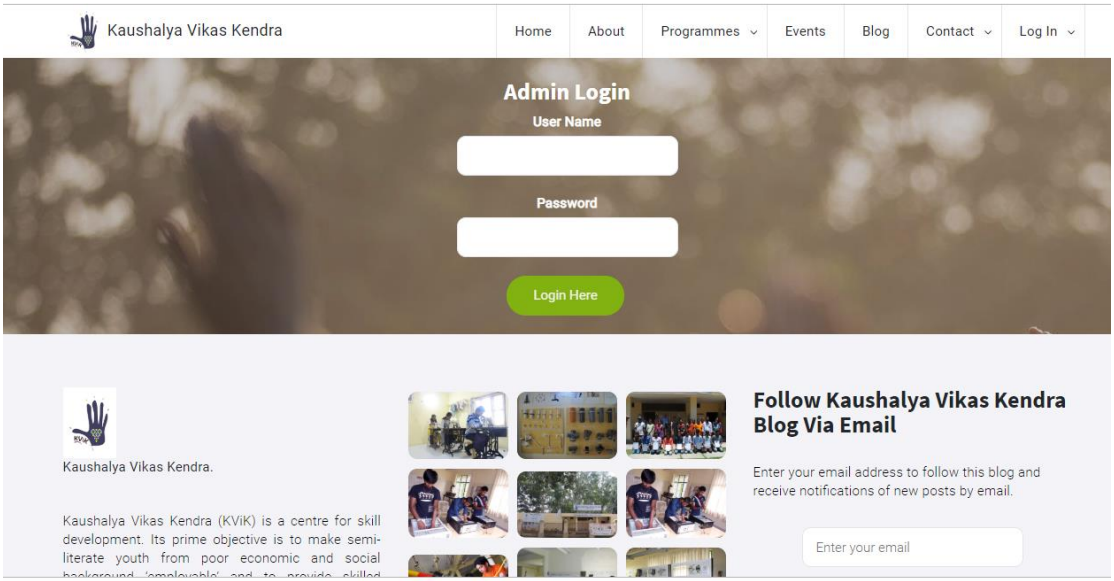

Fig 5.15 Admin login page

Description: Admin login page for CMS

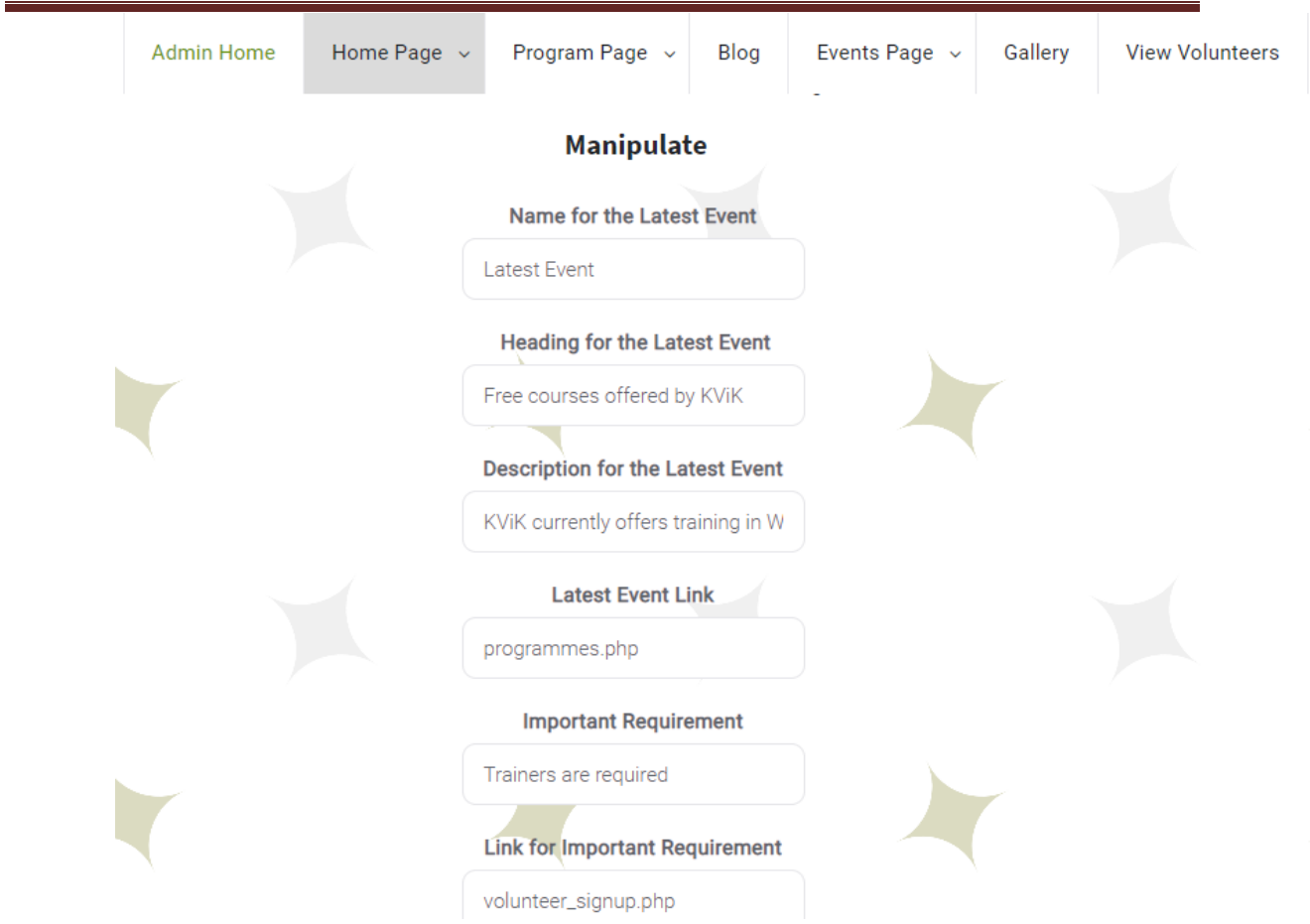

Fig 4.16 Home other contents editing page

Description: CMS page for admin

5. IMPLEMENTATION

5.1 SOURCE CODE

5.1.1 SIGN IN PAGE

```
<?php
if(isset($_POST["login"]))
{
$sql="select * from admin where ANAME='{$_POST["aname"]}' and
APASS='{$_POST["apass"]}'";
$res=$db->query($sql);
if($res->num_rows>0)
{
$ro=$res->fetch_assoc();
$_SESSION["AID"]=$ro["AID"];
$_SESSION["ANAME"]=$ro["ANAME"];
echo "<script>window.open('admin_home.php','_self');</script>";}
else
{
echo "<div class='error'>Invalid Username or Password</div>";
}}
if(isset($_GET["mes"]))
{
echo "<div class='error'>{$_GET["mes"]}</div>";}
?>
```

5.1.2 FOOTER

```
<div class="footer" style="margin-top:40px;">
<footer style="color: black;"><p>Copyright &copy; Kaushalya Vikas Kendra
</p></footer>
</div>
<script src="js/jquery.js"></script>
<script>
```

```
$(document).ready(function(){
$(".error").fadeTo(1000, 100).slideUp(1000, function(){
$(".error").slideUp(1000);
});

$(".success").fadeTo(1000, 100).slideUp(1000, function(){
$(".success").slideUp(1000);
});
});
</script>
```

5.1.3 HOME PAGE

```
<?php
include"database.php";

$s="select * from slides where AID='4'";
$res=$db->query($s);
if($res->num_rows>0)
{
echo "<div id='home-owl' class='owl-carousel owl-theme'>";

while($r=$res->fetch_assoc())
{

echo "<div class='home-item'>
<div class='section-bg' style='background-image: url({$r["slide"]});'>
</div>
<div class='home'>div class='container'>
                        <div class='row'>
                                <div class='col-md-8'>
                                                <div class='home-content'>
                                                <h1>{$r["heading"]} </h>
        class='lead'>{$r["description"]}</p>
<a href='{$r["page_link"]}' class='primary-button'>Click for More</a>
```

```
</div>
";}
echo "</div>";}
else
{echo "<div id='home-owl' class='owl-carousel owl-theme'>
<div class='home-item'>
<div class='section-bg' style='background-image: url(./img/k.jpg);'>
</div><div class='home'>
<div class='container'>
<div class='row'>
        <div class='col-md-8'
                <div class='home-content'
<h1>About</h1>                                                          <p
class='lead'>KViK stands for skill development centre : a skil
        for a lifelong livelihood and success!!</p>
        <a href='about.php' class='primary-button'>For More</a>


<div class="about-content">
<p>Kaushalya Vikas Kendra (KViK) is a centre for skill development. Its prime
objective is to make semi-literate youth from poor economic and social background
‘employable’ and to provide skilled manpower to the industries of high growth. KViK
is a company set up to provide vocational training in variety of trades which are in
great demand in the industry today. KViK has been set up by experienced and
successful executives of companies who would like to give something back to the
society.<a style="color:green;" href="about.php">Click for more</a></a\
<!-- about video -->
<div class="col-md-offset-0 col-md-7">
<div class='embed-container'><iframe src='<?php echo $row1["youtube_link"] ?>'
frameborder='0' allowfullscreen></iframe></div>
<br>
</div>
<!-- /about video -->
</div>
```

```
</div>
</div
<!-- TESTIMONIAL -->
<div id="testimonial" class="section">
<!-- background section -->
<!-- background section -->
<div class="section-bg" style="background-image: url(./img/event-2.jpg);" data-
stellar-background-ratio="0.5"></div>
<!-- /background section -->
<!-- container -->
<div class="container">
<!-- row -->
<div class="row">
<!-- Testimonial owl -->
<div class="col-md-12">
<div id="testimonial-owl" class="owl-carousel owl-theme">
<?php
include"database.php";
$s="select * from test_monial where AID='4'";
$res=$db->query($s);
if($res->num_rows>0)
{
while($r=$res->fetch_assoc())
{
```

5.1.4 ADMIN HOME

```
<?php
if(isset($_POST["submit"]))
{
echo "

<table border='1px' >
<tr>
<th>S.No</th>
<th>Name</th>
```

```
<th>Phone</th>
<th>Mail</th>
<th>Message by</th>
<th>Subject</th>
<th>Message</th>
<th>Reply:</th>
<th>If replied Click</th>
<th>Delete:</th>
<th>status</th>
</tr>
";
$s="select * from contact order by id desc limit {$_POST["meslimit"]}";
$res=$db->query($s);
if($res->num_rows>0)
{
$i=0;
while($r=$res->fetch_assoc())
{
$i++;
echo "
<tr>
<td>{$i}</td>
<td>{$r["name"]}</td>
<td>{$r["phone"]}</td>
<td>{$r["email"]}</td>
<td>{$r["message_by"]}</td>
<td>{$r["subject"]}</td>
<td>{$r["message"]}</td>
<td><a href='mailto:{$r["email"]}'    class='btnr'> Click</a></td>
<td><a href='message_reply.php?id={$r["id"]}' class='btnr'>Yes</a></td>
<td><a href='message_delete.php?id={$r["id"]}' class='btnr'>Yes</a></td>
<td>{$r["status"]}</td>
</tr>";
}
```

```
}
echo "
</table>
";}
?><br><br>
<table border="1px" >
<tr>
<th>S.No</th>
<th>Name</th>
<th>Phone</th>
<th>Mail</th>
<th>Message by</th>
<th>Subject</th>
<th>Message</th>
<th>Reply</th>
<th>Replied?</th>
<th>Delete</th>
<th>Status</th>
</tr>
<?php
$s="select * from contact order by id desc limit 15";
$res=$db->query($s);
if($res->num_rows>0)
{
$i=0;
while($r=$res->fetch_assoc())
{
$i++;
echo"
<tr>
<td>{$i}</td>
<td>{$r["name"]}</td>
<td>{$r["phone"]}</td>
<td>{$r["email"]}</td>
```

```
<td>{$r["message"]}</td>
<td>{$r["subject"]}</td>
<td>{$r["message"]}</td>
<td><a href='mailto:{$r["email"]}'   class='btnr'>Click</a></td>
<td><a href='message_reply.php?id={$r["id"]}' class='btnr'>Yes!!</a></td>
<td><a href='message_delete.php?id={$r["id"]}' class='btnr'>Yes!!</a></td>
<td>{$r["status"]}</td>
</tr>
";
}
}
else
{
echo "No Record Found";
}
?>
</table>
</center>
</div>
</div>
```

5.5.5 CMS HOME

```
<?php
if(isset($_POST["submit"]))
{$sql="update home_others
e_name='{$_POST["e_name"]}',e_heading='{$_POST["e_heading"]}',e_description=
'{$_POST["e_description"]}',latest_event_link='{$_POST["latest_event_link"]}',imp
ortant_requirement='{$_POST["important_requirement"]}',requirement_link='{$_PO
ST["requirement_link"]}',youtube_link='{$_POST["youtube_link"]}',trained='{$_PO
ST["trained"]}',donated='{$_POST["donated"]}',volunteers='{$_POST["volunteers"]
}',trainers='{$_POST["trainers"]}',phone1='{$_POST["phone1"]}',phone2='{$_POST
["phone2"]}',paytm='{$_POST["paytm"]}',googlepay='{$_POST["googlepay"]}'
where id='1'";
$target="programme pics/";
$target_file=$target.basename($_FILES["slide"]["name"]);
```

```
if(move_uploaded_file($_FILES['slide']['tmp_name'],$target_file))
{
$sq="update home_others set slide='{$target_file}'";
$db->query($sq);
echo "<div class='success'>Inserted Successfully</div>";
}
$db->query($sql);
echo "<div class='success'>Updated Successfully</div>";
}
?>
```

5.1.6 CMS SLIDE

```
<?php
if(isset($_POST["submit"]))
{
$target="slides/";
$target_file=$target.basename($_FILES["slide"]["name"]);
if(move_uploaded_file($_FILES['slide']['tmp_name'],$target_file))
{
$sq="insert into slides(slide_number,heading,description,page_link,slide,AID)
values('{$_POST["slide_number"]}','{$_POST["heading"]}','{$_POST["description"]
}','{$_POST["page_link"]}','{$target_file}','{$_SESSION["AID"]}')";
if($db->query($sq))
{
echo "<div class='success'>Insert Success</div>";
}
else
{
echo "<div class='error'>Insert Failed</div>";
?>
```

5.1.6 SEARCH PROGRAM

```
<?php
include"database.php";
$s="select * from blog WHERE blog_name LIKE '%{$_POST["s"]}%' ";
$res=$db->query($s);
if($res->num_rows>0)
{
echo "
while($r=$res->fetch_assoc())
{echo “
<!-- article -->
<div class='col-md-13'>
<div class='article'>
<div class='article-img'>
<a href='single-blog.php?id={$r["id"]}'>
";?><img src="<?php echo $r["blog_pic"] ?>" alt="">
<?php
echo
"
</a>
</div>
<div class='article-content'>
<h3 class='article-title'><a href='single-
blog.php?id={$r["id"]}'>{$r["blog_name"]}</a></h3>
<ul class='article-meta'>
<li>{$r["blog_date"]}</li>
<li>By{$r["blog_by"]}</li>
</ul>
<p>{$r["description"]}</p>

<a href='single-blog.php?id={$r["id"]}' class='primary-button causes-donate'>More
info</a>
```

```
</div>
</div>
</div>
<!-- /article -->";
}echo "            </div>
<!-- /row -->
</div>
<!-- /container -->
</div>
<!-- /SECTION -->
";
}
else
{
echo "<p style='margin-left:1130px;'>Blog not Found</p>";
}
?>
```

5.2 Screenshots

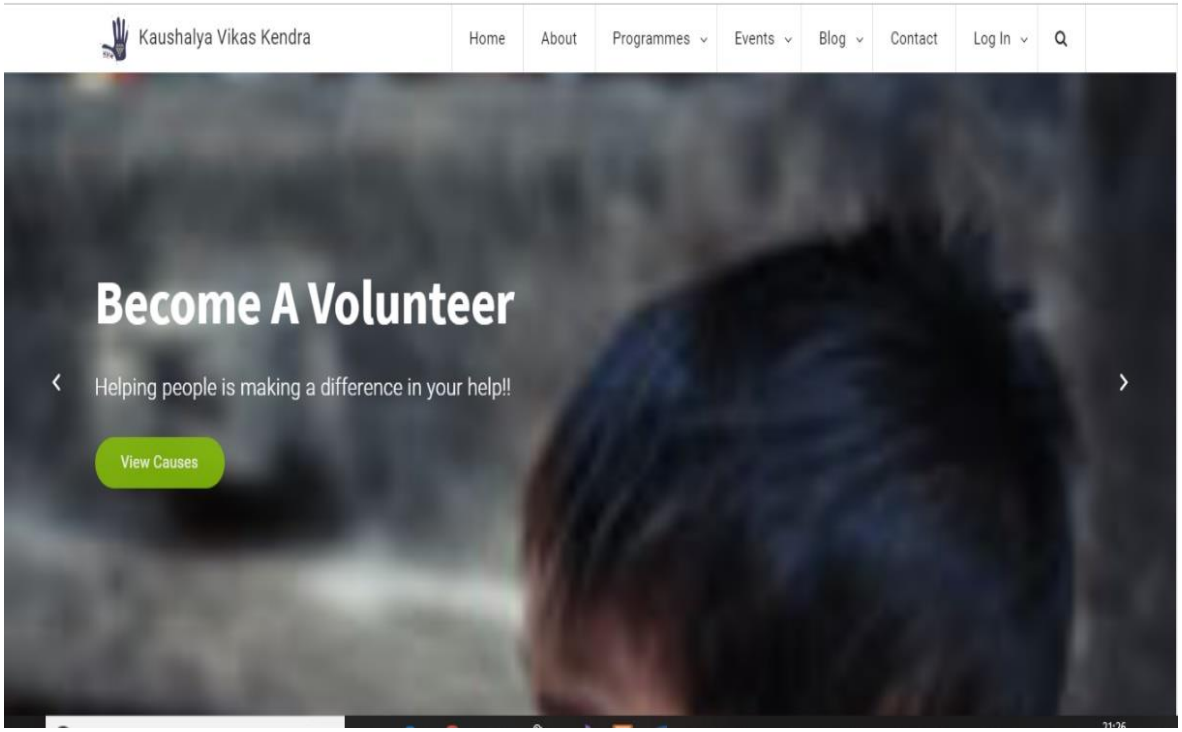

Fig.5.1 Home page

Description:

First part of the home page with images slide, description and link to different pages.

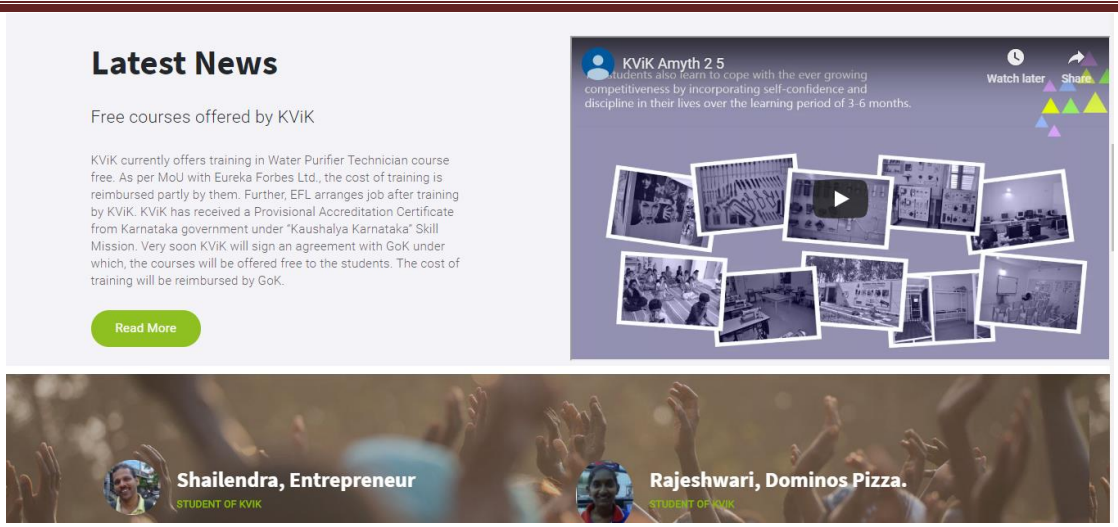

Fig.5.2 Testimonial and video

Description:

Second part of the home page with latest news and YouTube link

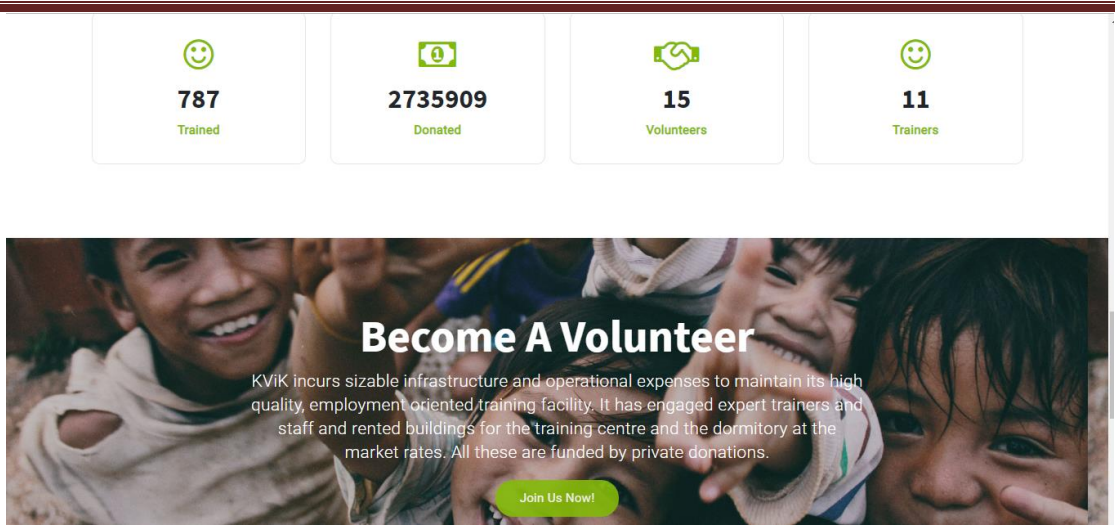

Fig 5.3 Become a volunteer

Description:

Third part of the home page with “volunteer” page link to register and numbers to describe the organisation

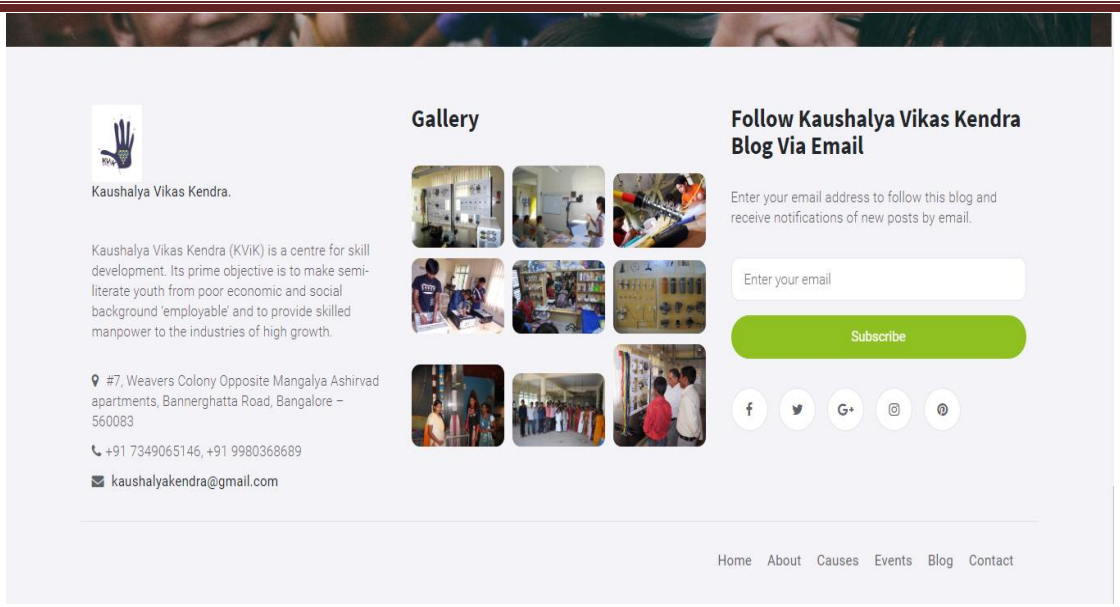

Fig.5.4 Footer

Description:

Footer of the website with contact details and subscribe text field

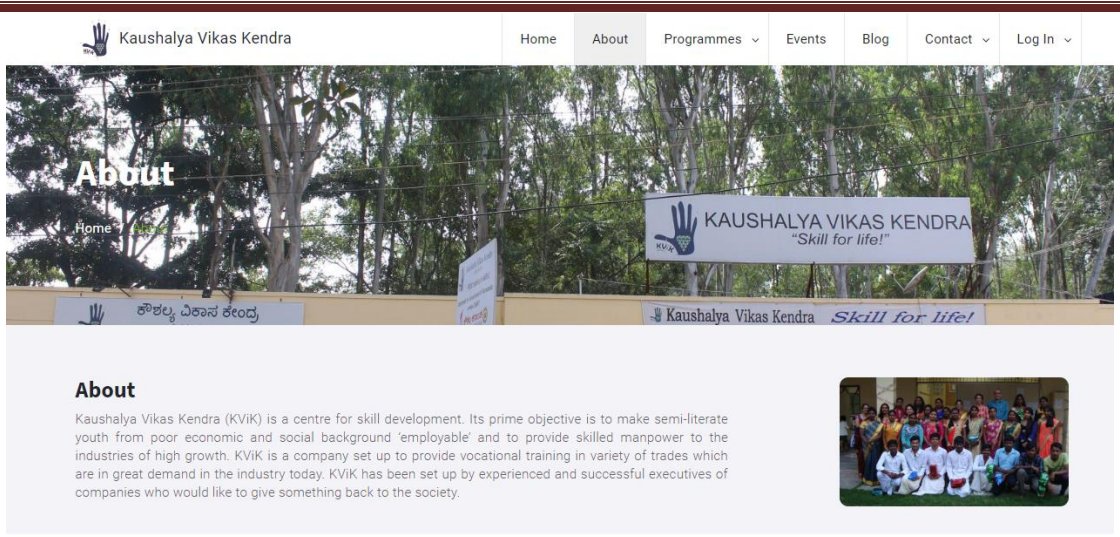

Fig 5.5 About page

Description:

First part of about page with about content

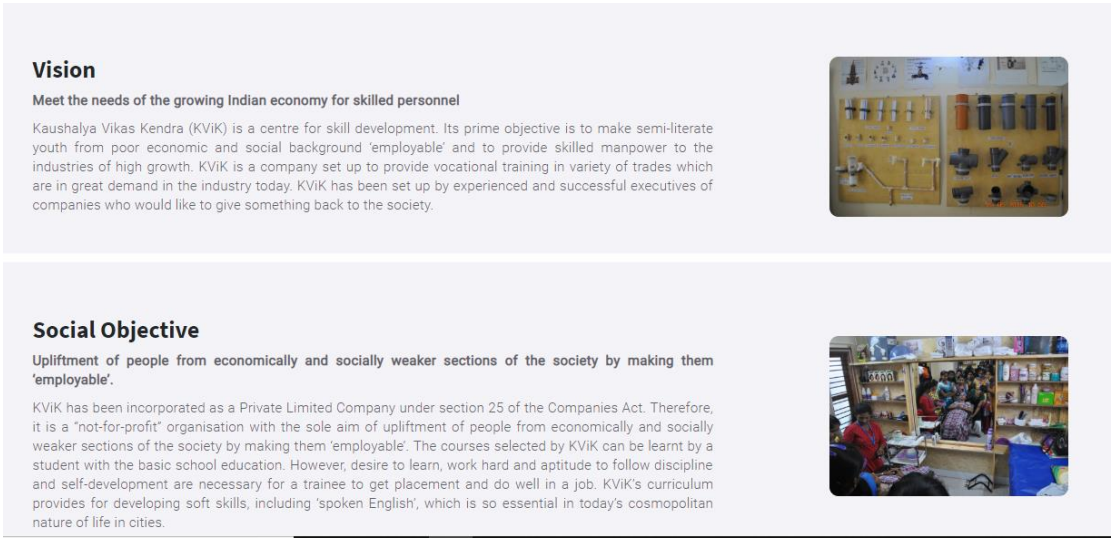

Fig 5.6 vision and social objective

Description:

Second part of about page with vision and social objective of the association

Fig 5.7 Brochure

Description:

Third part of about page with brochure

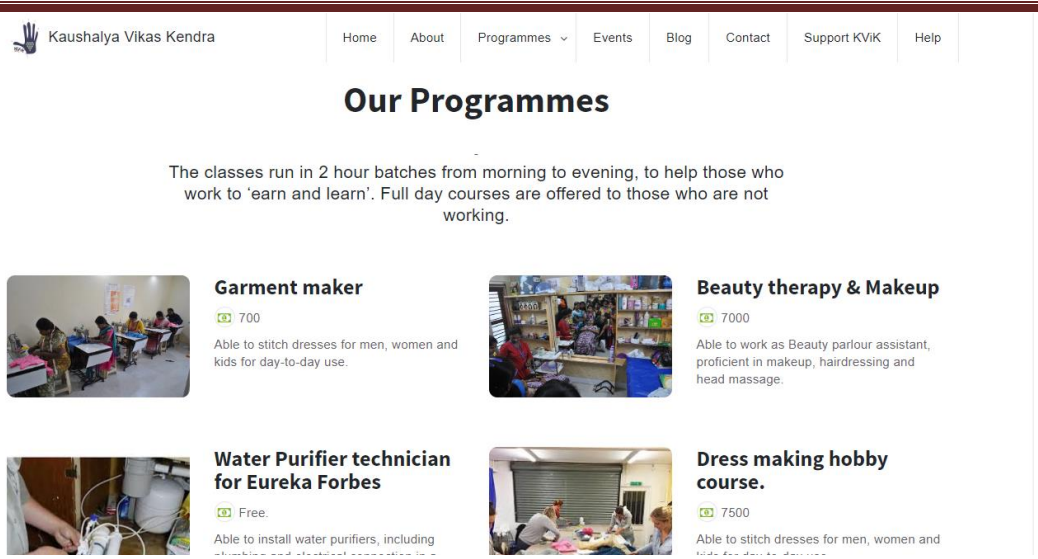

Fig 5.8 Programmes page

Description:

Programmes page with the list of programmes in the organisation

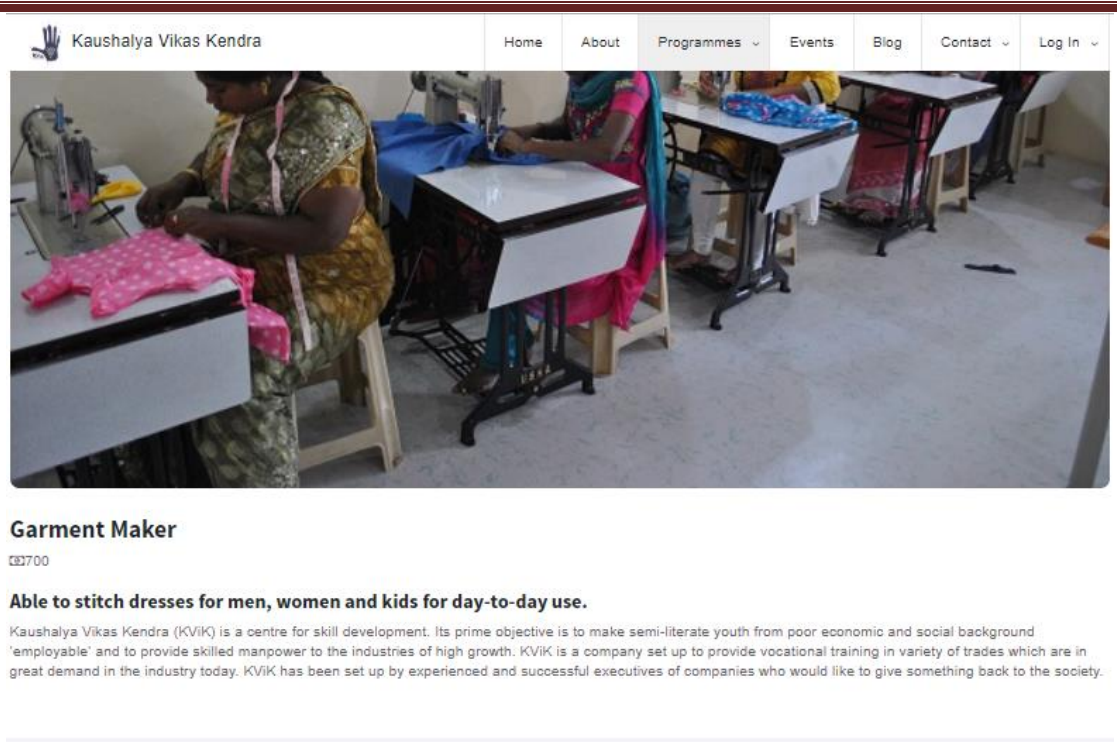

Fig 5.9 Programmes more info

Description:

Detailed content of each program in the organisation

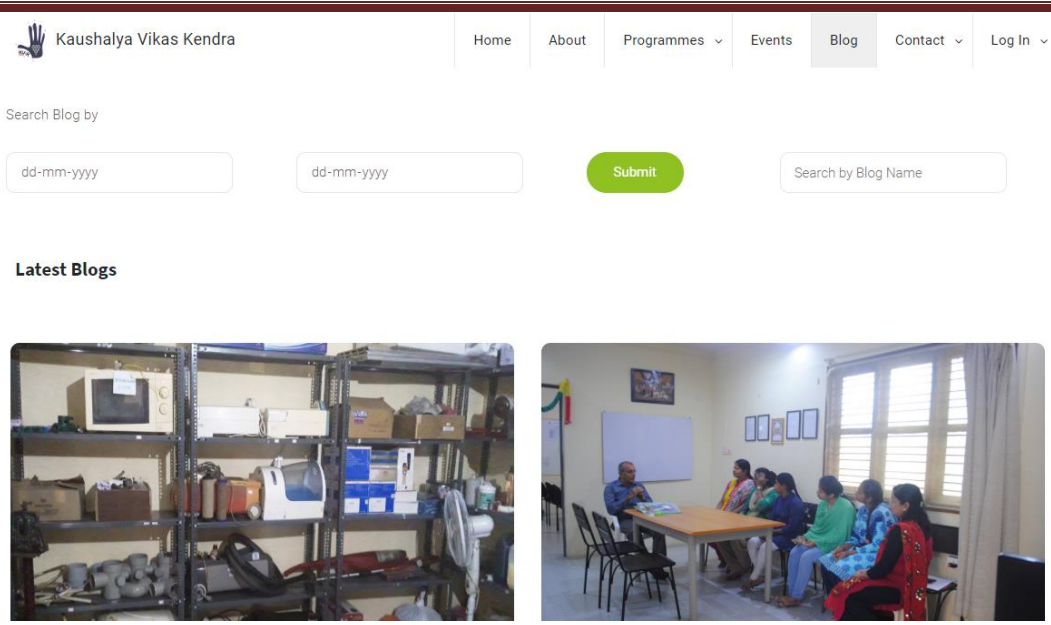

Fig 5.10 Blog page first

Description:

First part of the blog page with latest blogs at the beginning with their short description and heading

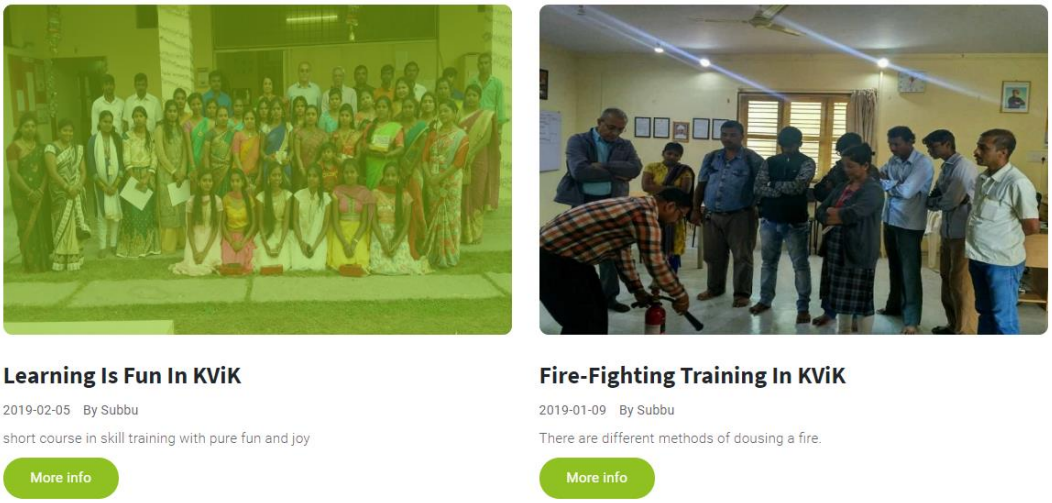

Fig 5.11 Blog page second

Description:

Second part of the blog page

Learning Workplace Efficiency

2018-12-15 By Subbu

KVIK trains its students not only in technical skills

KVIK trains its students not only in technical skills as per prescribed curriculum but also 'soft' skills to make them preferred choice for any employer. Training in 5Ss quality principles evolved by Toyota Motor Corporation is one of them. By organising one's work place in a scientific way, a worker increases his/her efficiency and productivity. It reduces time taken to find tools or files needed for work and eliminates waste in many ways. More importantly, it enhances quality of output. The principles apply equally to office and file maintenance in computers. The 5S principles are so called because their first letter starts with 'S' in Japanese language. They are rougly expressed in English as follows: A place for everything. Everything in it's place. Standardisation: Right tool for right work. Clean every day. Keep it ready to use. Review and revise. Remove unwanted item. On 14th Dec.2019, our students of Computer Basics & Tally re-organised our store room and arranged it as per "5S" principles. The result is the orderly arrangement of tools and gadgets with proper labeling and removing unwanted material. Now not only they are confident of working efficiently, but a have sense of achievement!

Blog Details

Date: 2018-12-15 | 11AM-1PM

Location: Bannergatta Road, Bangalore

Fig 5.12 Blog more info

Description:

Detailed content of each blog with blog detailes like time,date and venue

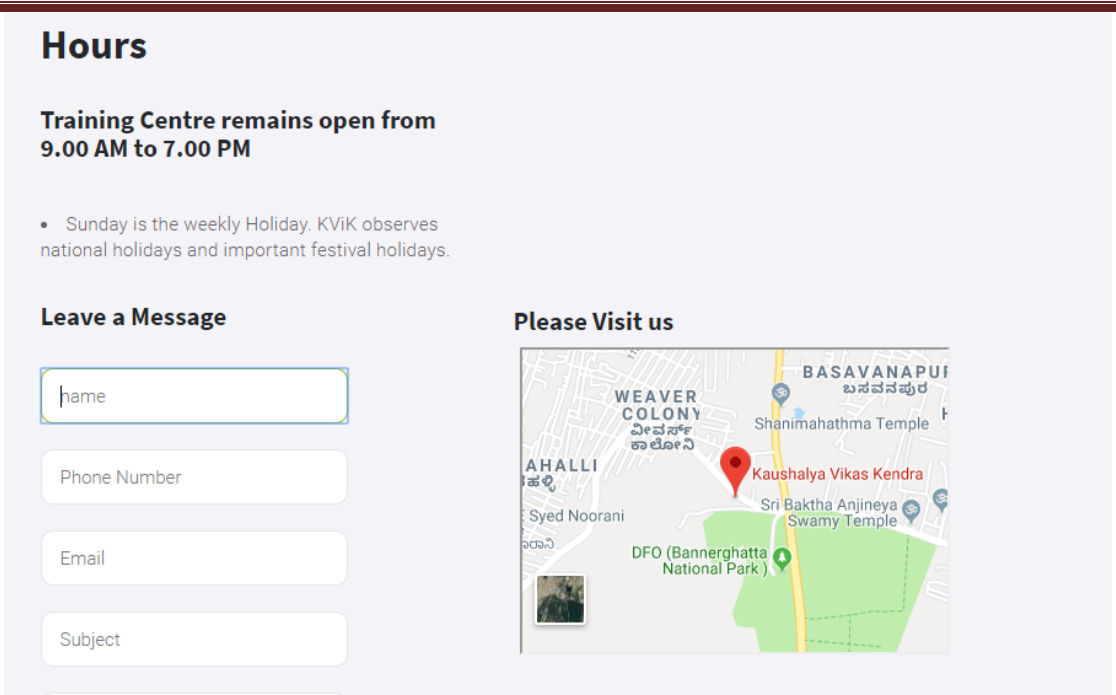

Fig 5.13 Contact page

Description:

Contact us page with google map location of kvik and some fields to leave a message

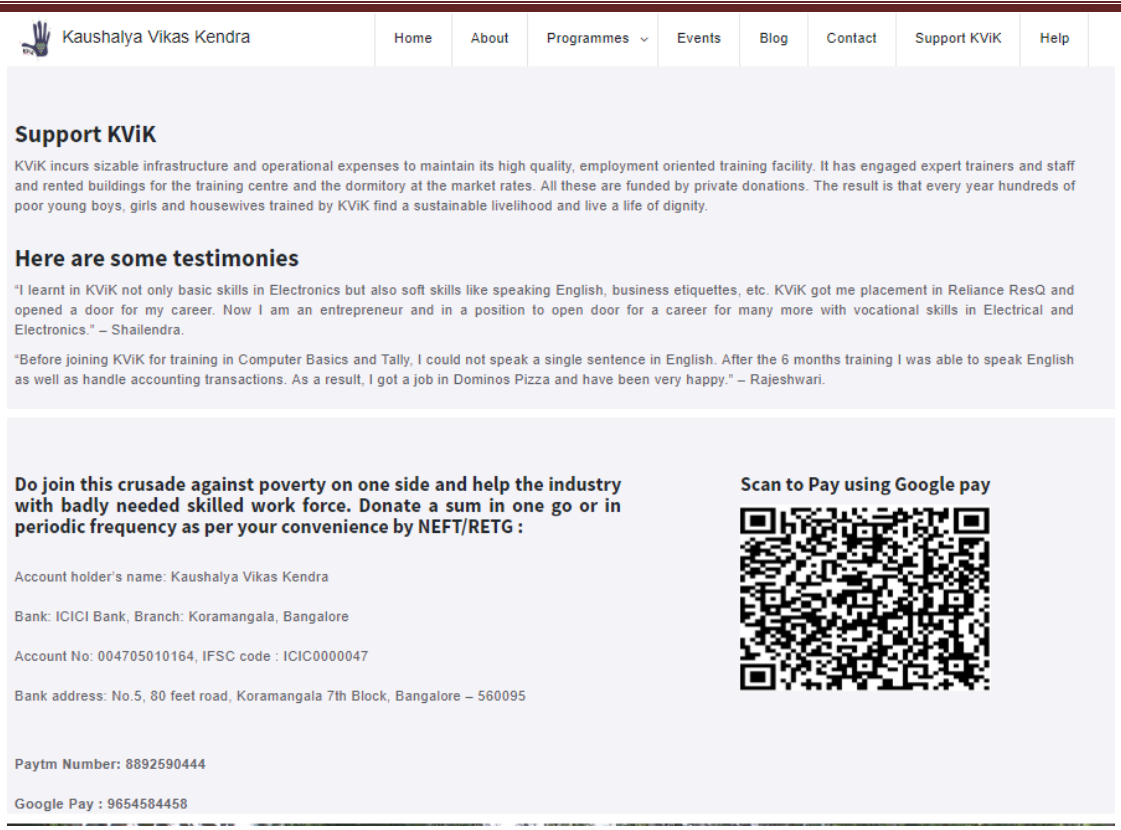

Fig 5.14 Support page

Description:

Support page with bank detailes,phone number etc to donate and QR code for BHIM

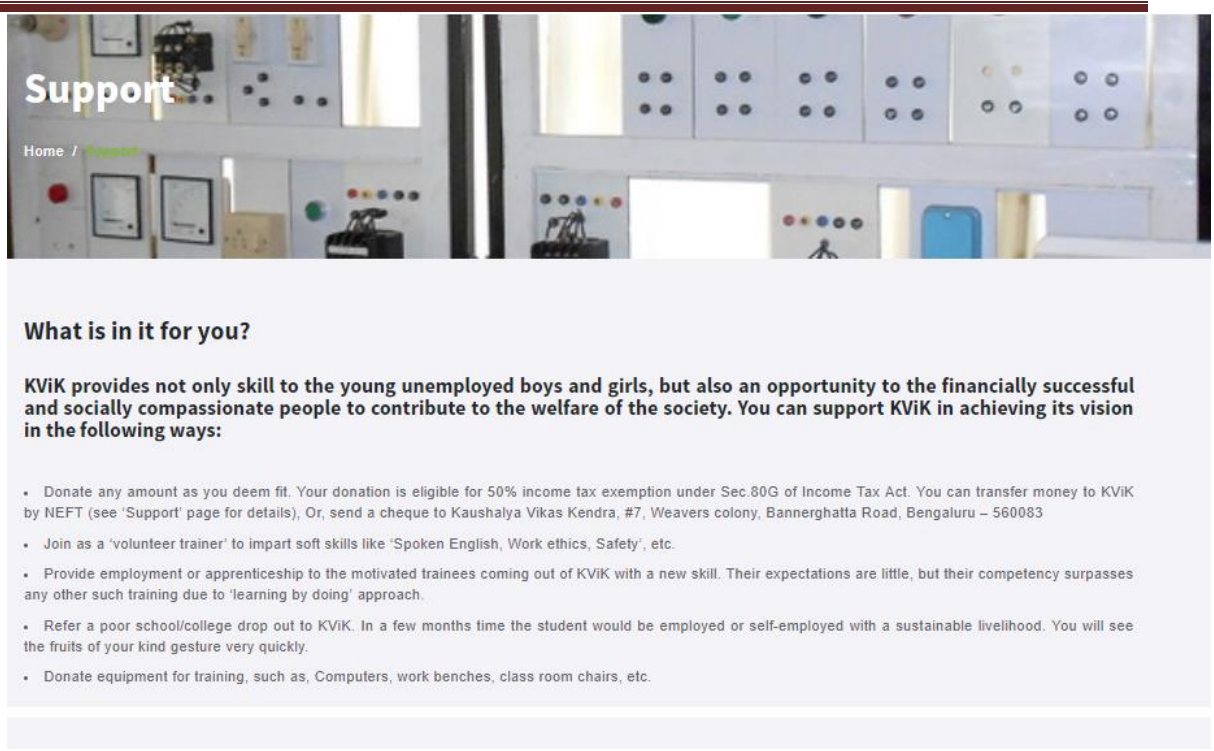

Fig 5.15 Help page

Description:

Help page describing the ways to donate for the organisation

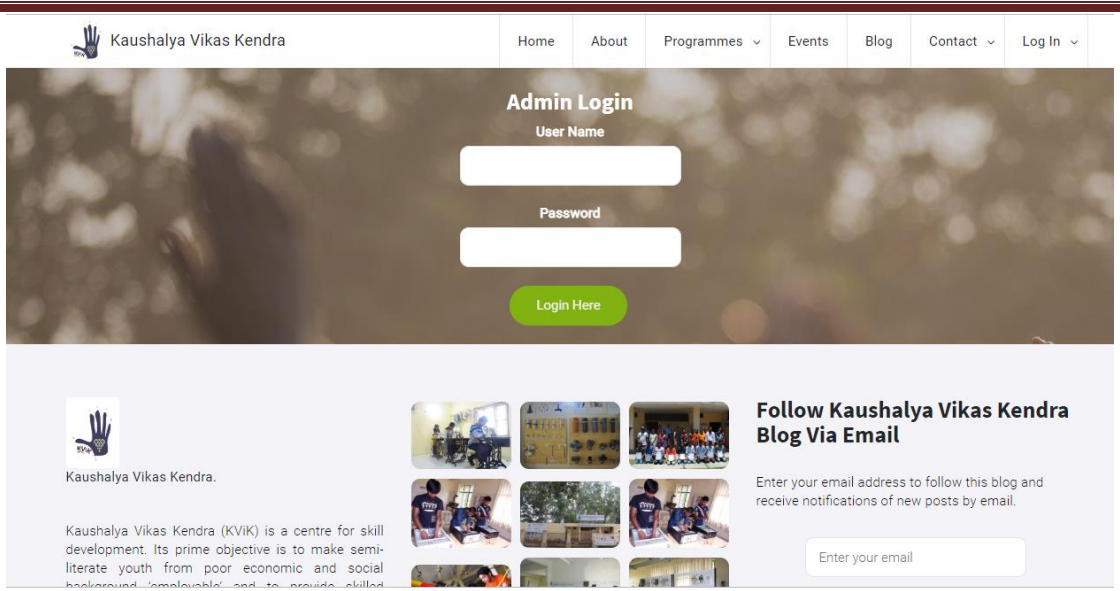

Fig 5.16 Admin login page

Description:

Admin login page for editing the website using CMS.

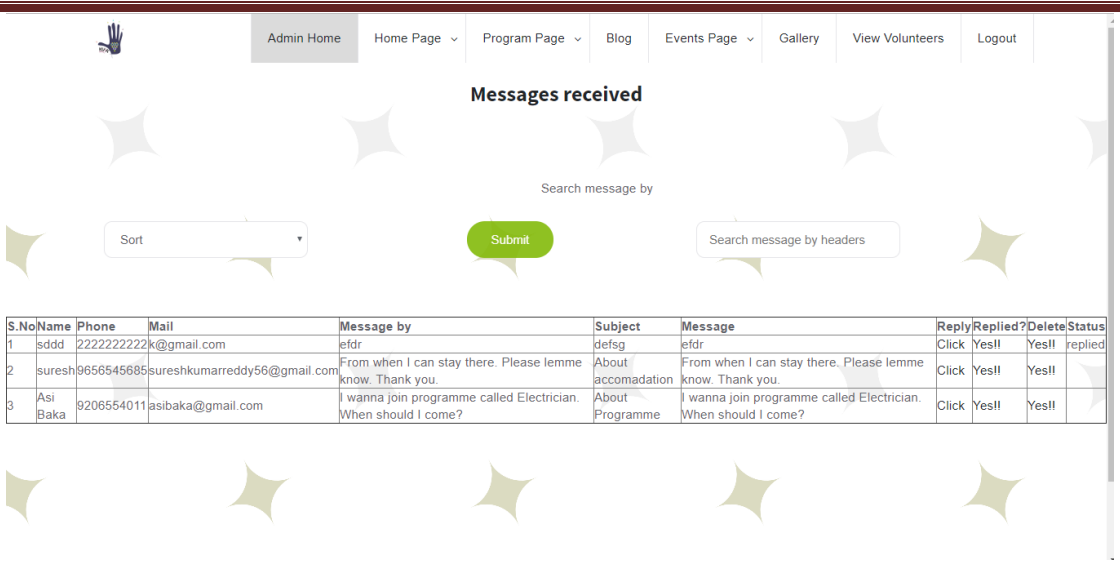

Fig 5.17 Admin Home page

Description:

Admin home page with CMS menu for different pages and the messages send by users

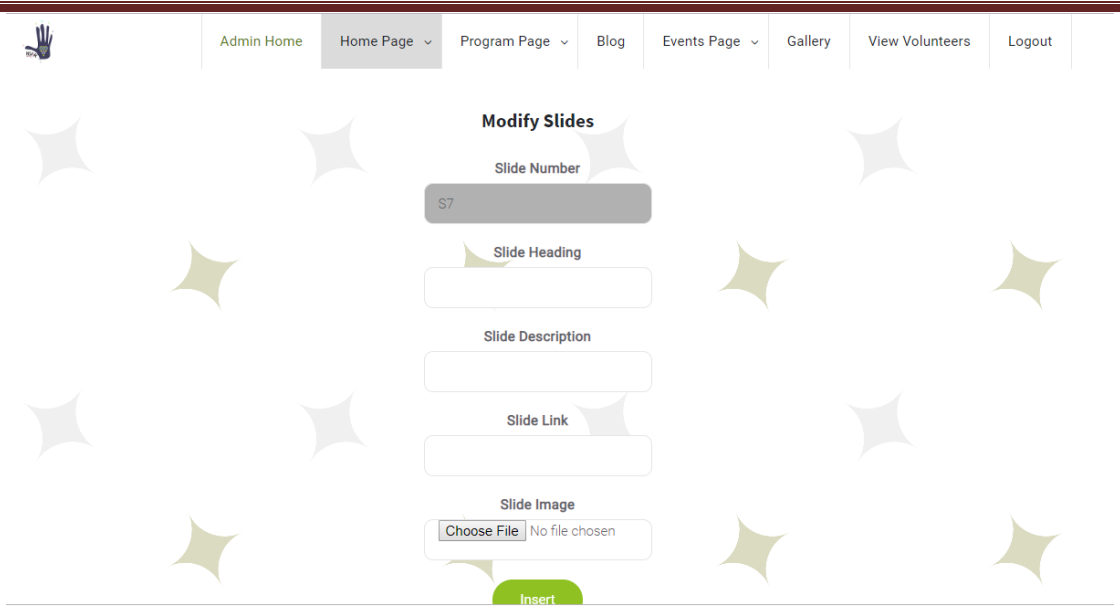

Fig 5.18 Admin Slide Editing page

Description:

Page to add slide by admin in the website

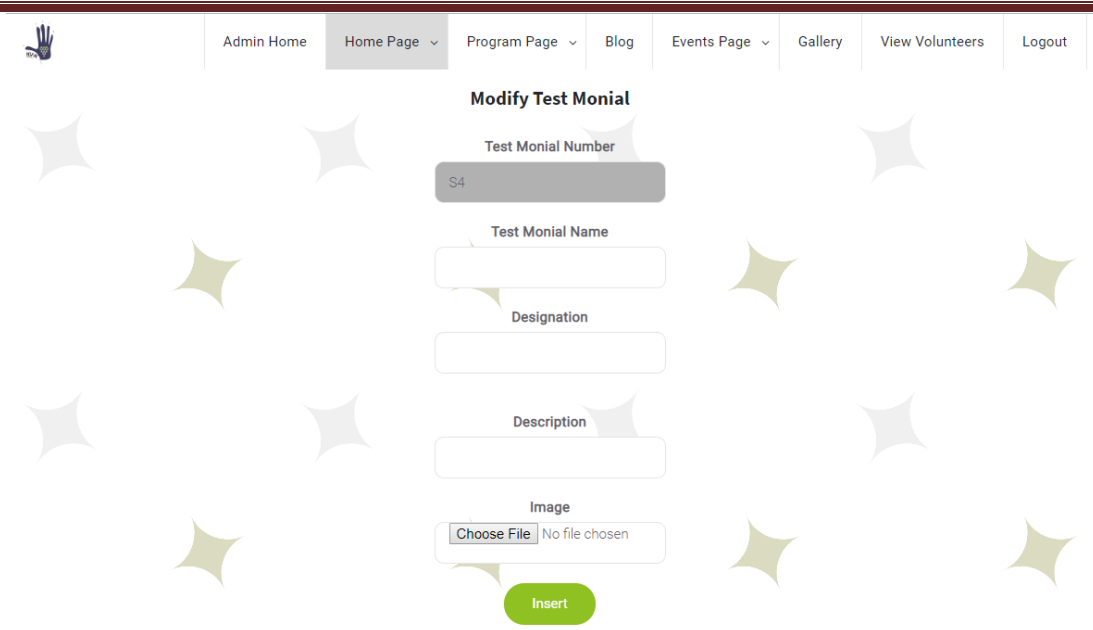

Fig 5.19 Testimonial editing

Description:

Page to add new testimonial by admin in the website

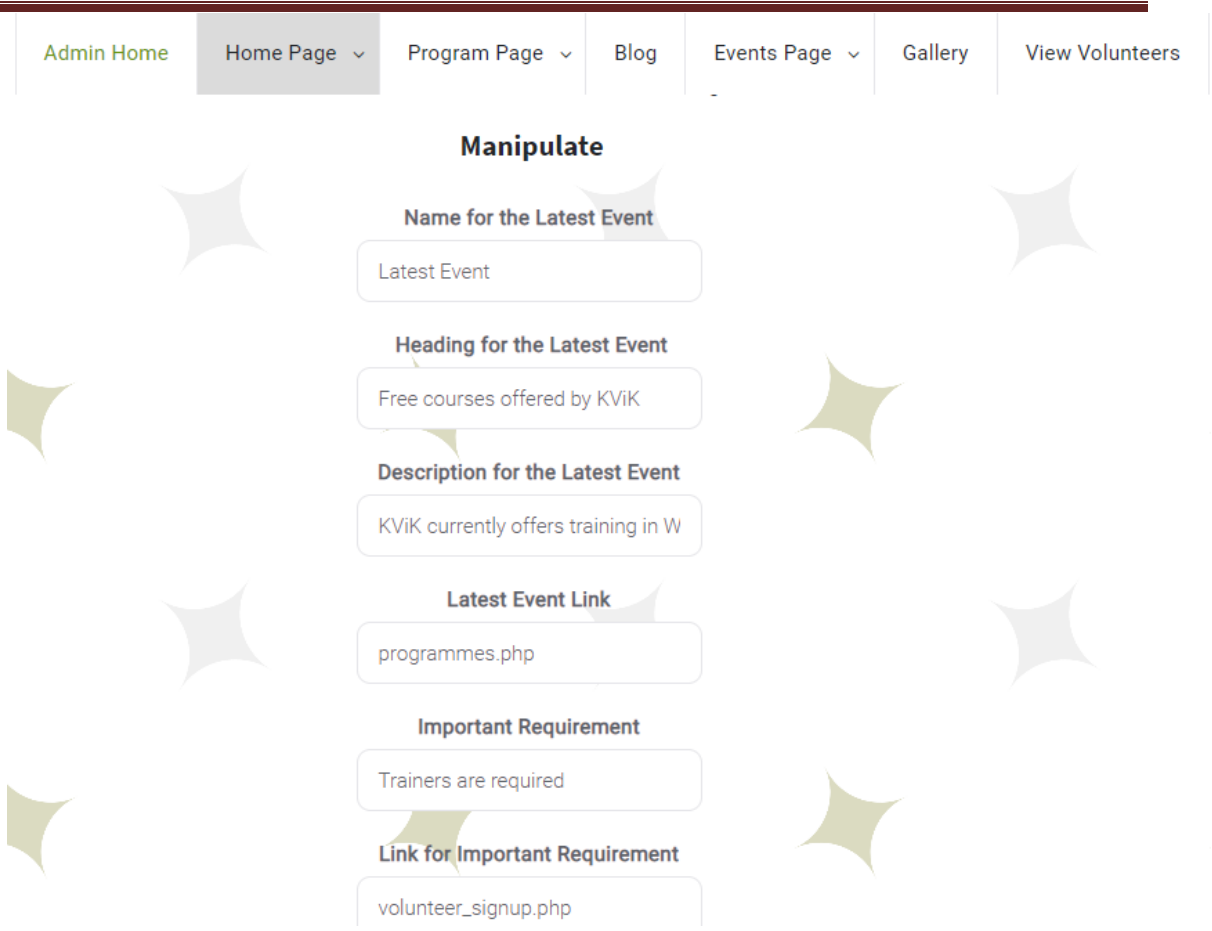

Fig 5.20 Home other contents editing page

Description:

Page to update existing home contents by admin in the website

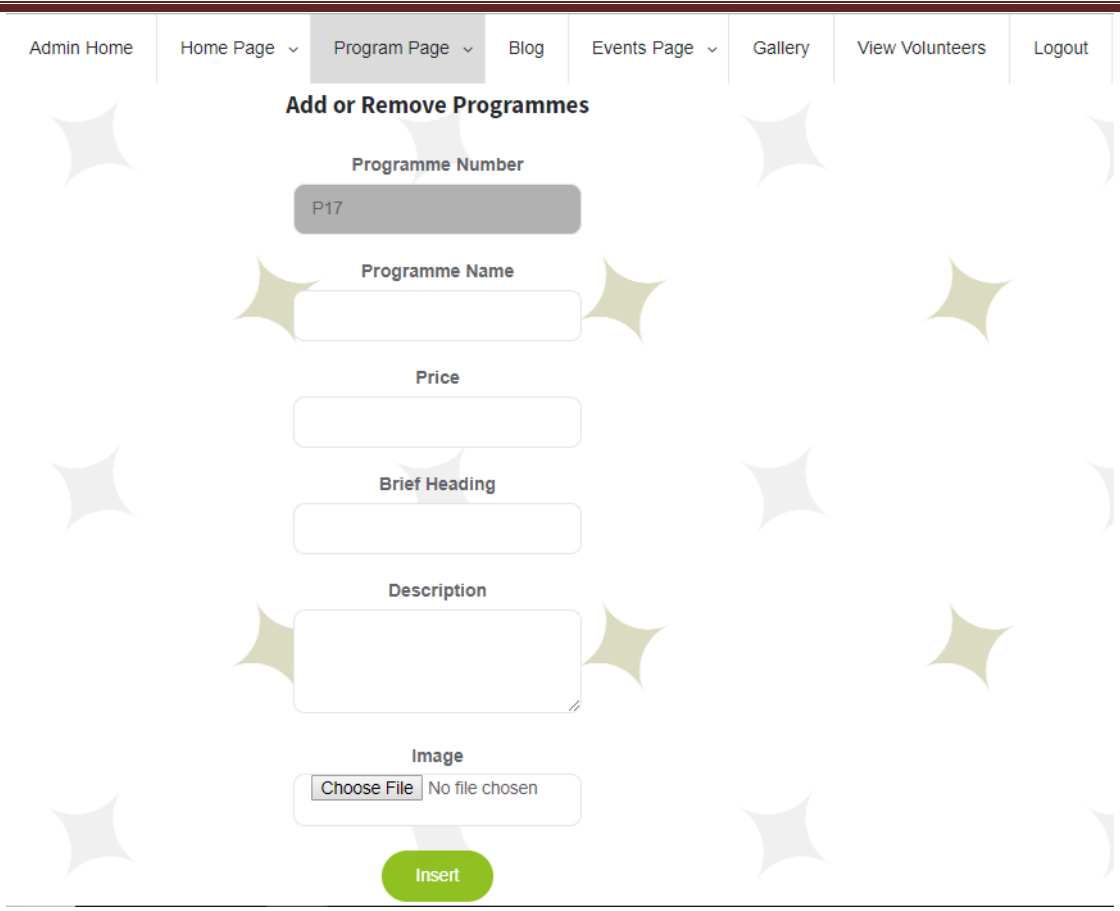

Fig 5.21 Current Programmes edit Page

Description:

Page to add current program by admin in the website

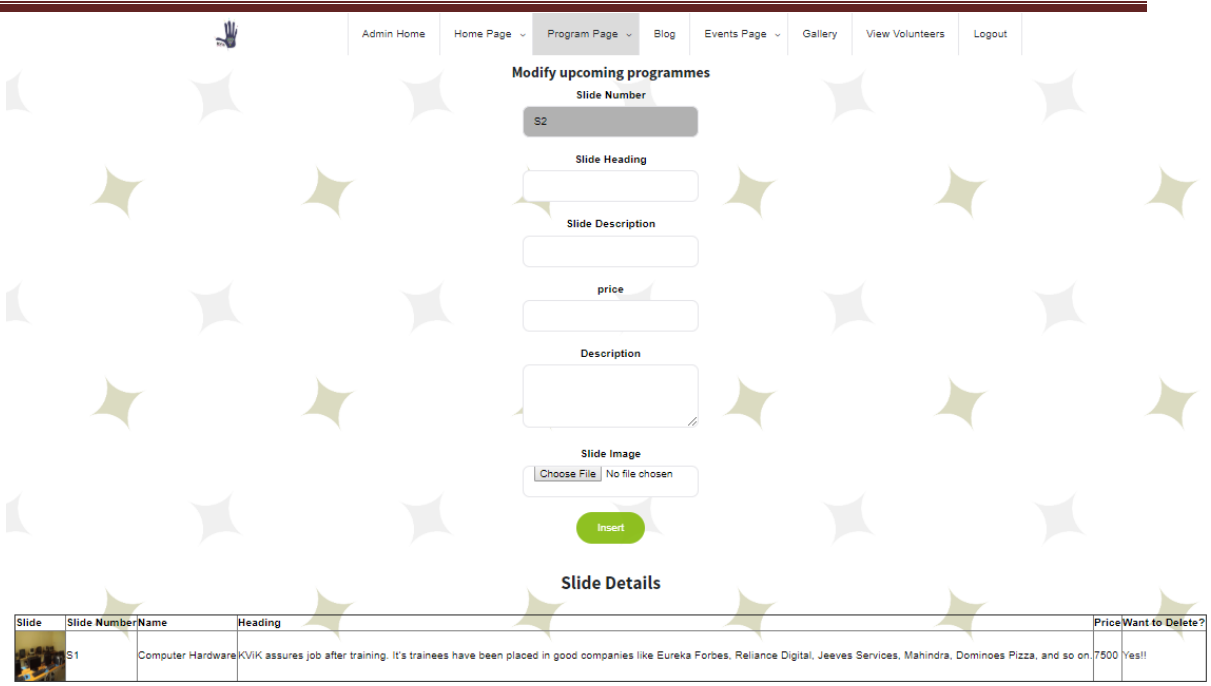

Fig 5.22 Upcoming Programmes edit Page

Description:

Page to add upcoming program by admin in the website

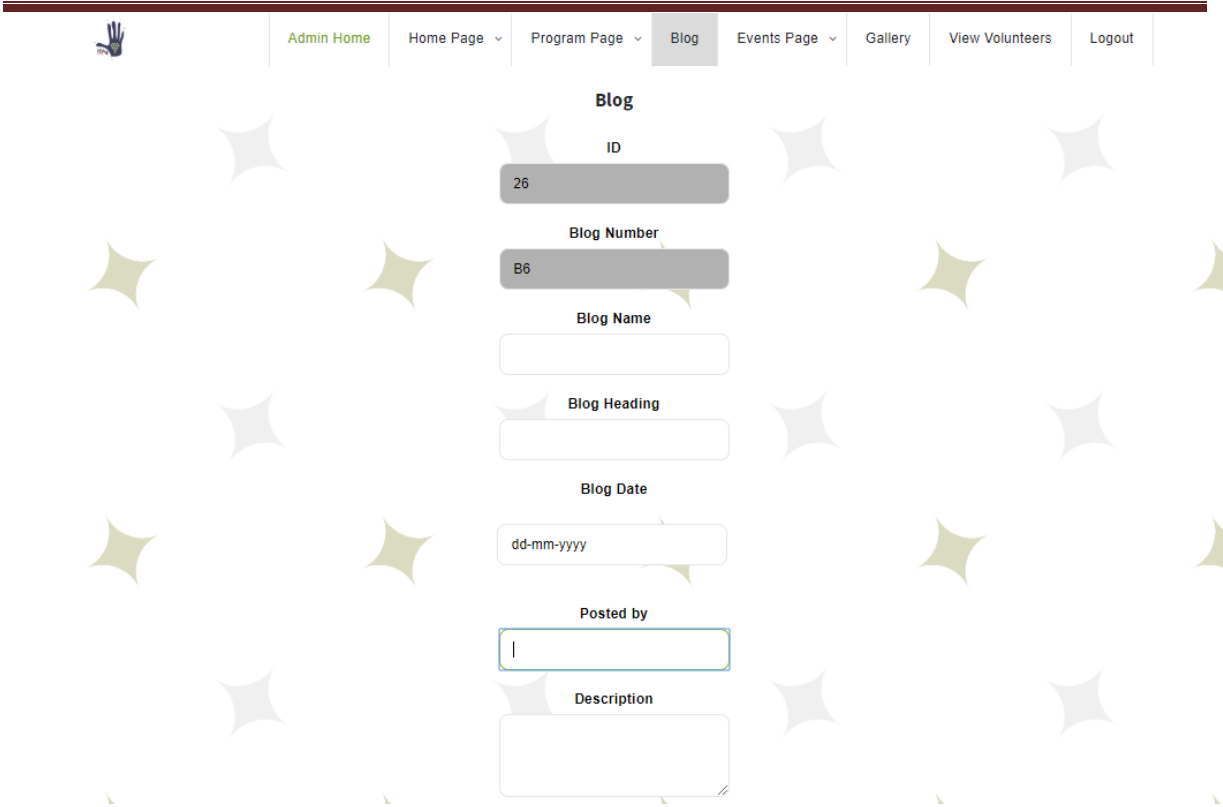

Fig 5.23 Blog Editing Page

Description:

page to add a new blog in the website by the admin

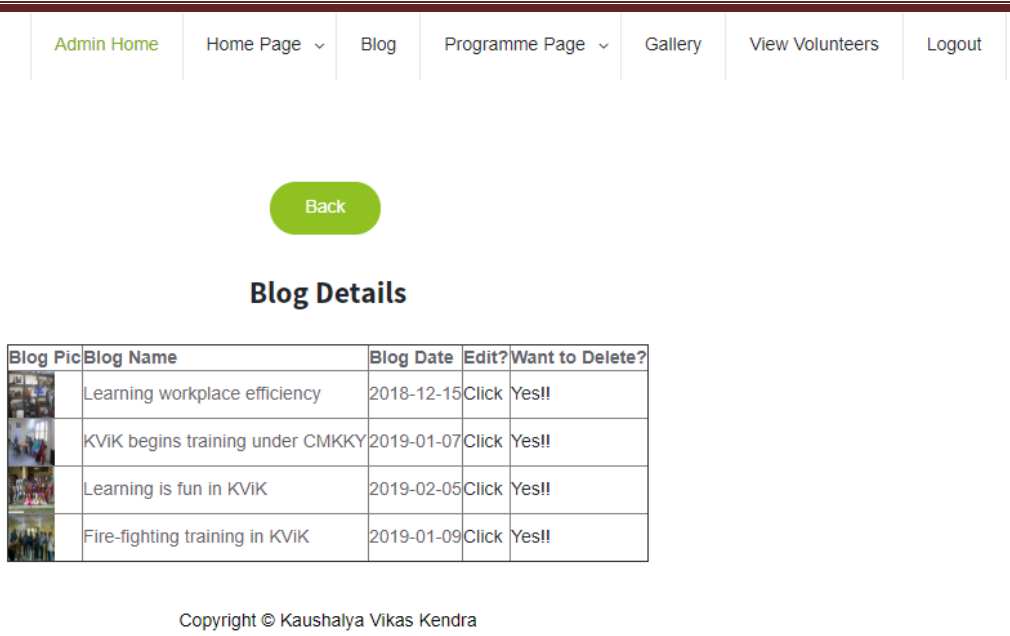

Fig 5.24 Blog Preview page

Description:

Preview the existing blog by admin in the website

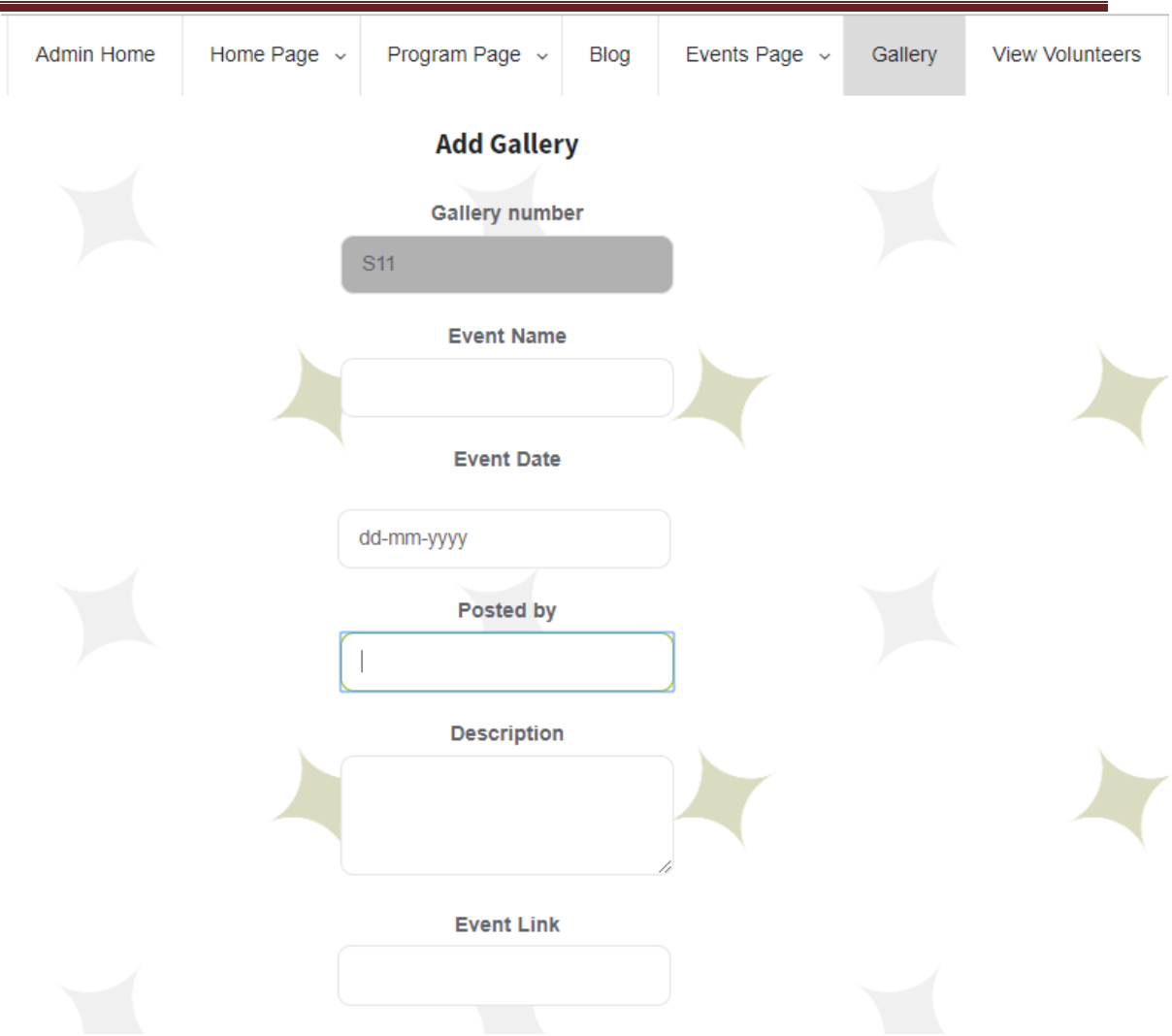

Fig 5.25 Gallery Editing page

Description:

Page to add gallery by admin in the website

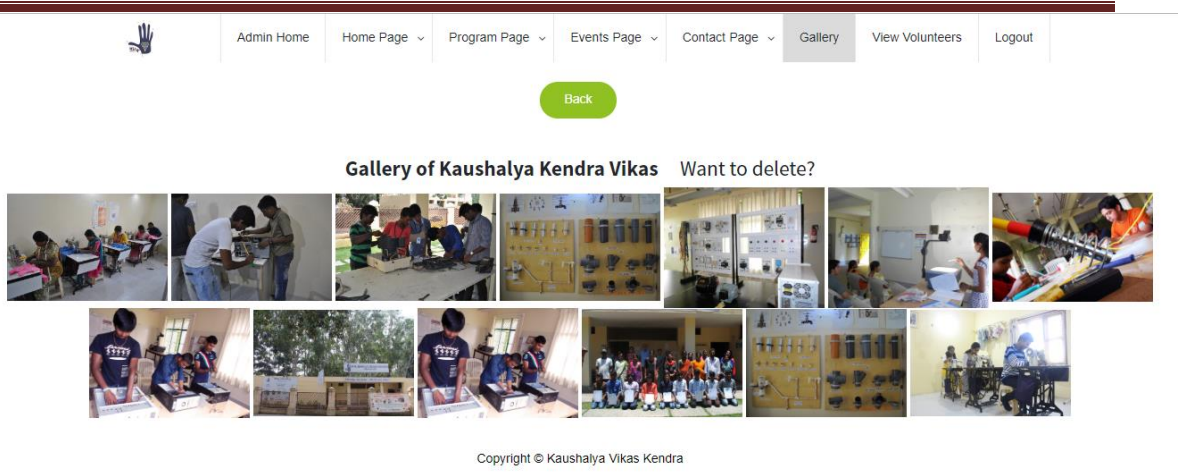

Fig 5.26 Gallery Preview page

Description:

View the existing gallery image by admin in the website

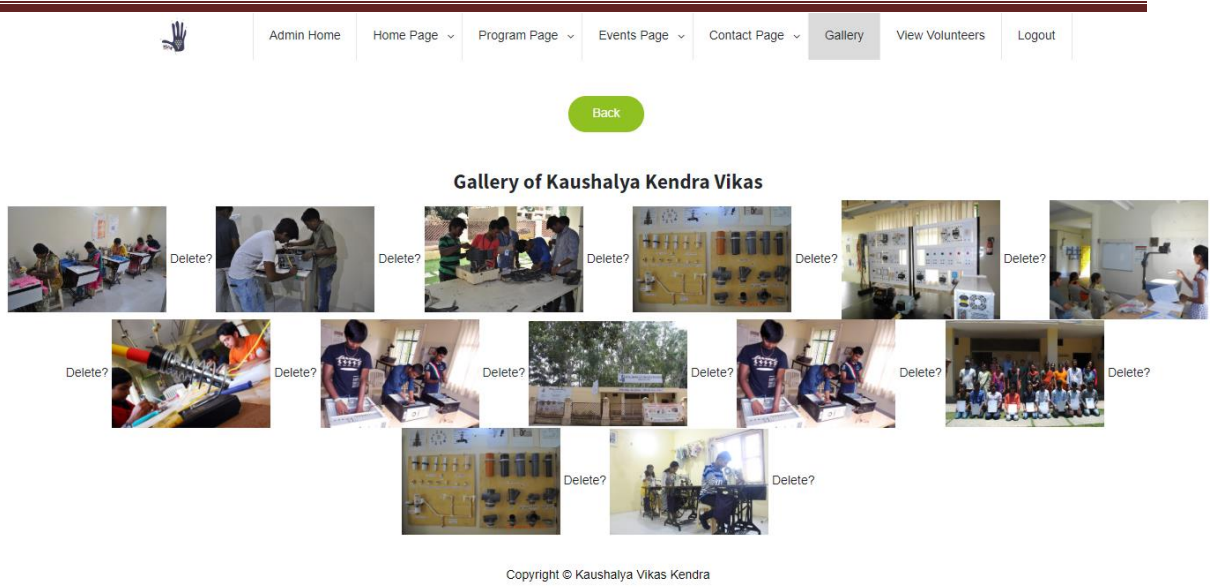

Fig 5.27 Gallery Delete page

Description:

Page to detele the gallery images by admin in the website

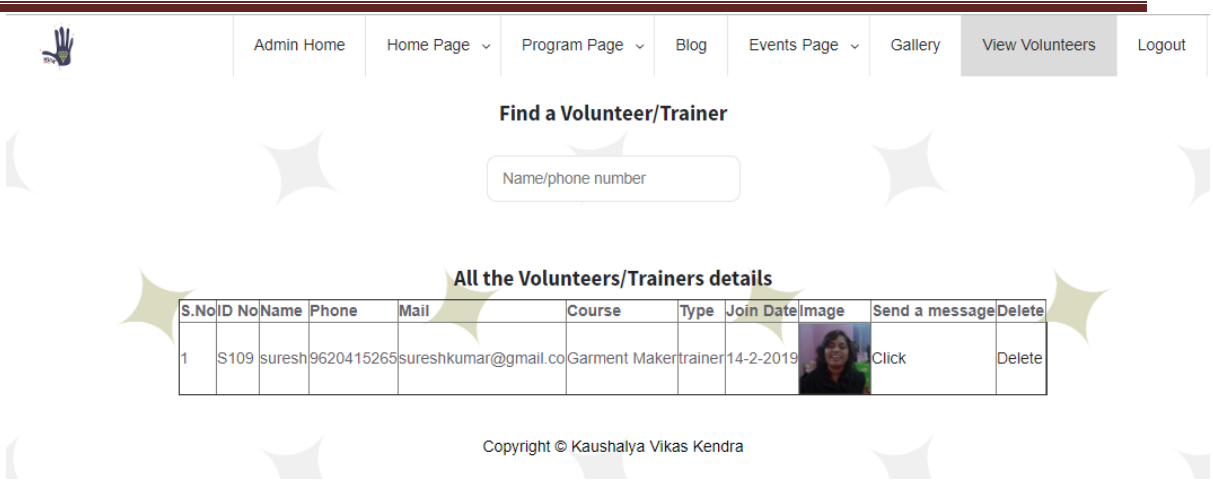

Fig 5.28 Volunteer preview page

Description:

Page to view, reply and delete the registered volunteers by admin.

6. Testing

6.1 TEST STRATEGIES

The project is a website which is used by the students to give feedback to their teachers. The following testing strategies have been applied on the processes on the website: -

i. Unit Testing: Unit testing is all about how individual processes work in the system.

Each process is fed a number of test cases and checks are made for how the process is interacting with the backend and whether the data supplied by the test case is appropriate.

ii. Function Testing: Once each process is tested as an individual unit and all the queries are validated, the function of each module is tested. This ensures that each page is working well inside the module it belongs to.

iii. Integration Testing: After all the modules are tested, the communication between modules is tested, thus ensuring the correct integration of all modules in the system.

iv. Validation Testing: Each input given to processes is validated in the processes as regular expressions. If any input does not match the given criteria for the input or fails the database checks and constraints, it prints a comprehensive error easy for debugging.

6.2 TEST CASES

Table:6.1 Test cases Table

Test Case ID	Screen Name	Description	Expected Output
1	Footer.php	Follow kvik, correct details submitted – valid email.	Submits the data to the database and displays a confirmation on the screen.
2	Footer.php	Follow kvik, wrong details submitted – invalid email.	Does not insert any data to the database and displays the error.
3	Blog.php	Enter dates to search blog in between dates, correct details submitted.	Displays blogs available between the available dates.
4.	Blog.php	Enter dates to search blog in between dates, incorrect details submitted.	Displays message saying ”Blog not found”
5.	Contact_us.php	Leave a message, correct details submitted – valid email, phone number.	Submits the data to the database and displays a confirmation on the screen.

6.	Cms_slide.php	Modify slides, correct details submitted – valid data entered.	Submits the data to the database and displays a confirmation on the screen.
7.	Blog.php	New blog, correct details submitted – valid data entered.	Submits the data to the database and displays a confirmation on the screen.
8.	Programmes.php	New program, correct details submitted – valid data entered.	Submits the data to the database and displays a confirmation on the screen.
9.	Cms_home_others.php	Modify contents, correct details submitted – valid number field, text field, image, QR code etc.	Updates the data to the database and displays a confirmation on the screen.
10.	Cms_home_others.php	Modify contents, correct details submitted – invalid number field, text field, image, QR code etc.	Doesn't allow to update the data, displays error message.

6.3 TEST REPORTS

6.3.1 ENTERING PASSWORD WHICH DOES NOT MATCH REQUIREMENTS

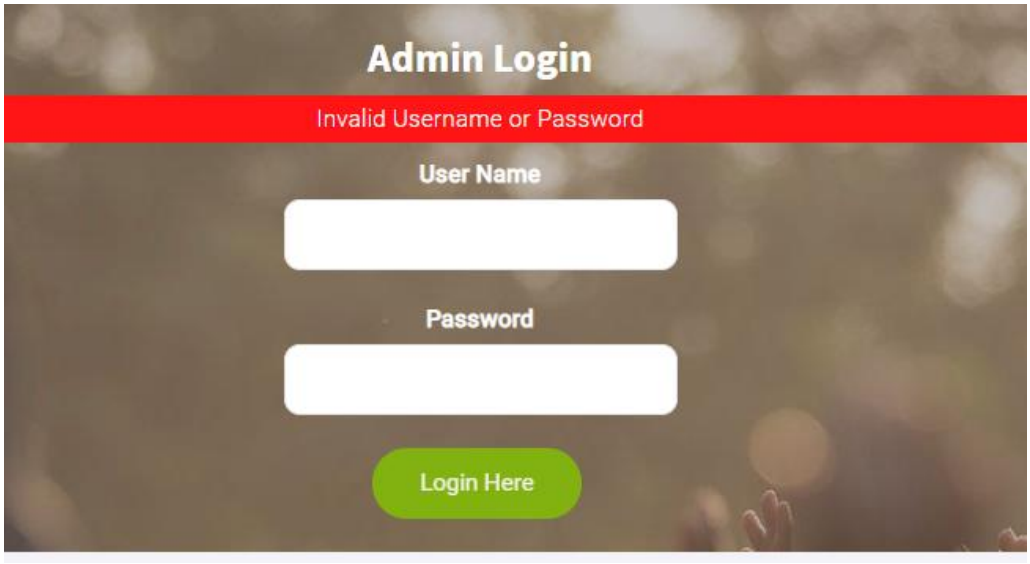

Fig 6. 1 Password validation

If the entered username and password does not match, error message is pop up and restrict the login

6.3.1 ENTERING EMAIL WHICH ALREADY EXISTS

Fig 6. 2 Email validation

If the Email ID entered does not follow the pattern, dialog box is generated saying" please match the request format"

6.3.4 SUCCESSFUL LOGIN

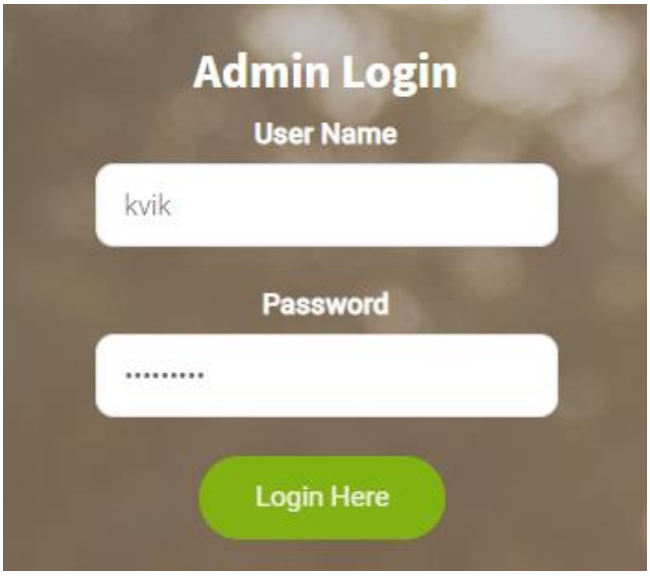

Fig 6. 3 Successful logins

Successful login allows the admin to login

6.3.5 VIEWING BLOGS BETWEEN TWO DATES

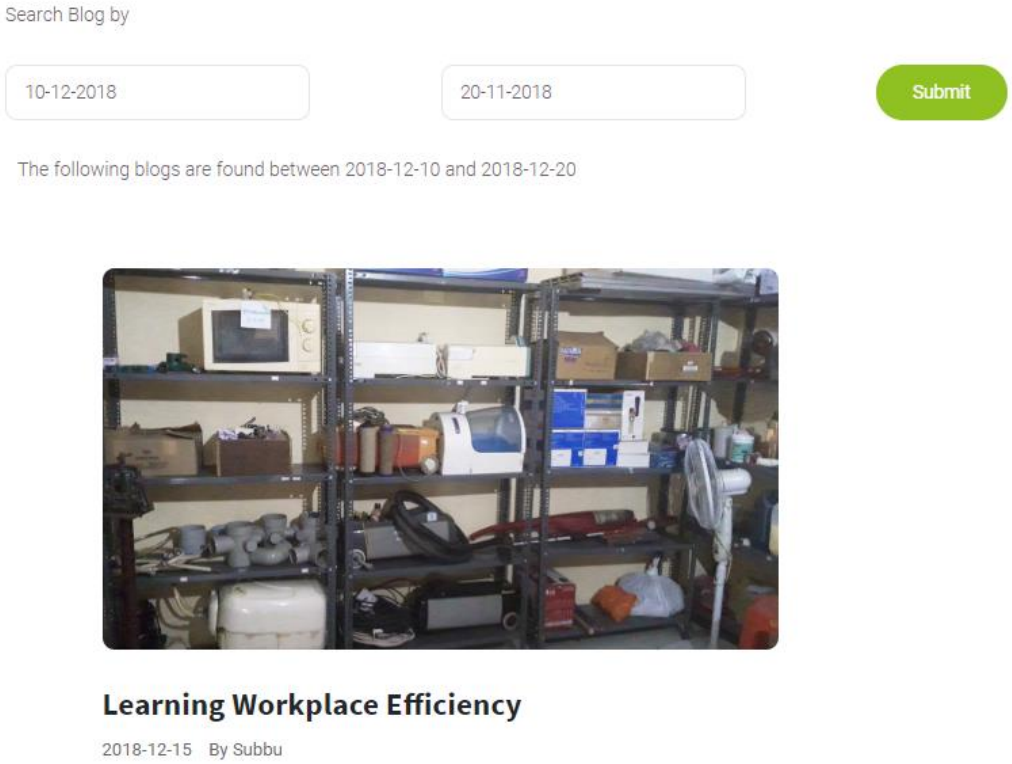

Fig 6. 4 Blog between dates

Blogs between the entered dates are listed

6.3.6 VIEWING BLOG BY NAME

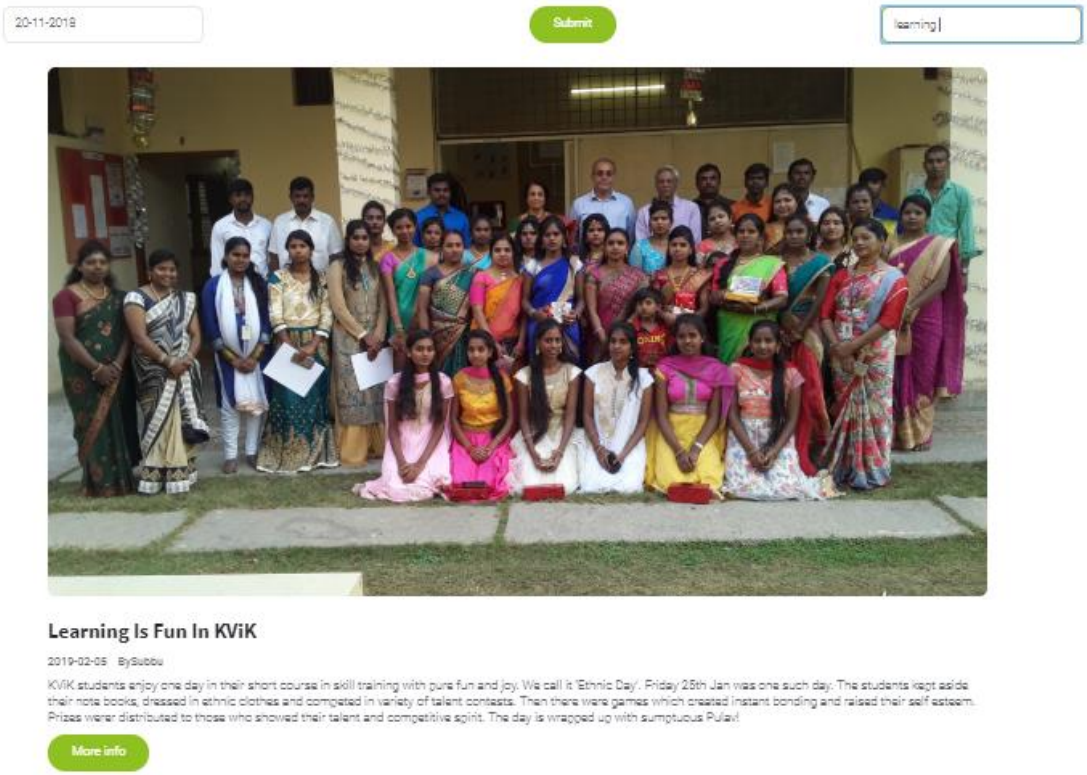

Fig 6. 5 Blog by name

Blog with the entered name if matched is displayed

6.3.7 INCOMPLETE DETAIL VALIDATION

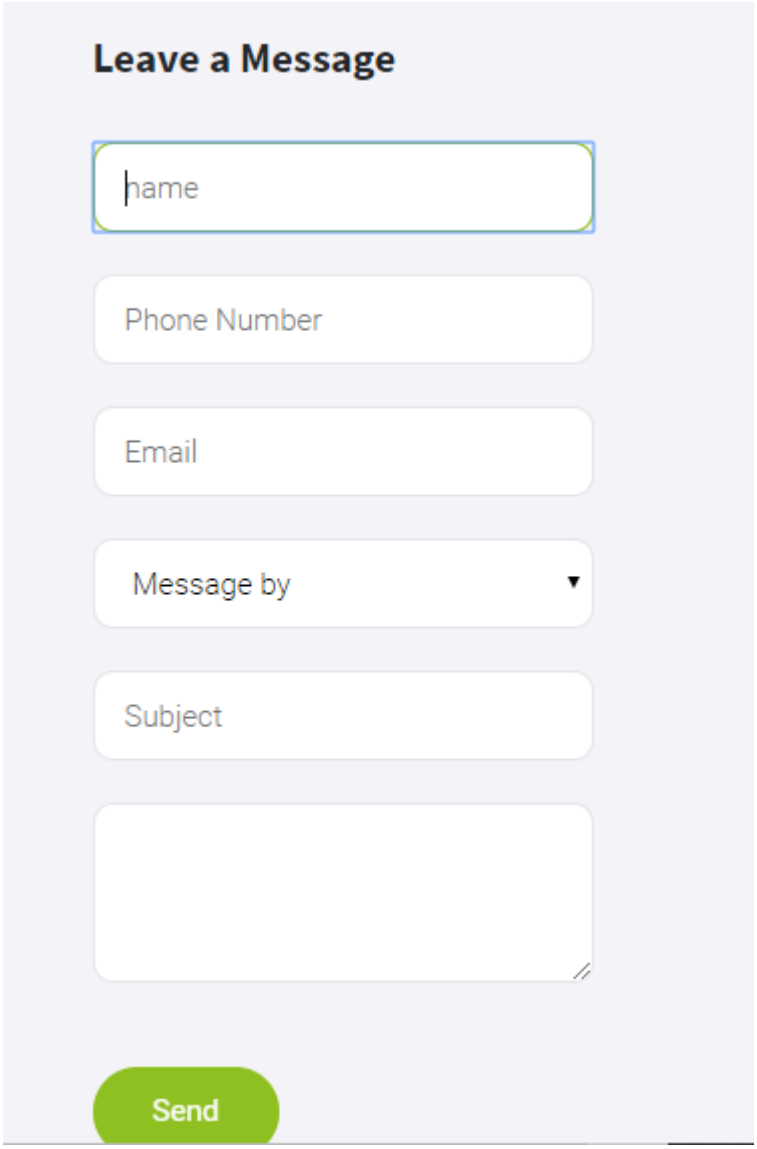

Fig 6. 6 Incomplete detail validation

If there are incomplete detail message shows saying “please fill complete details”

6.3.8 NAME VALIDATION

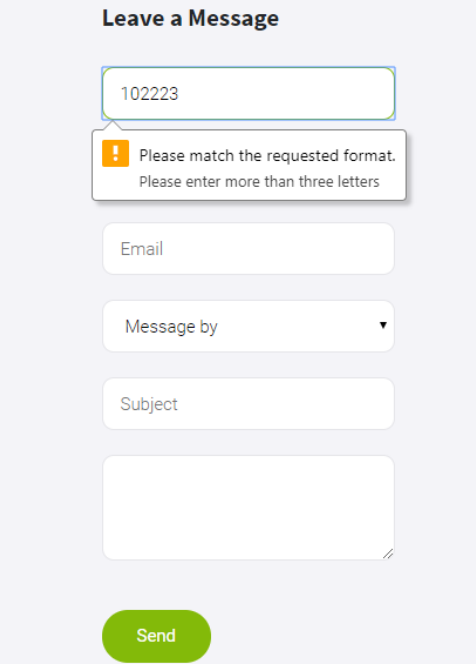

Fig 6. 7 Name validation

If numbers are entered in name field message pops up saying ”please match the request format”

6.3.9 PHONE NUMBER VALIDATION

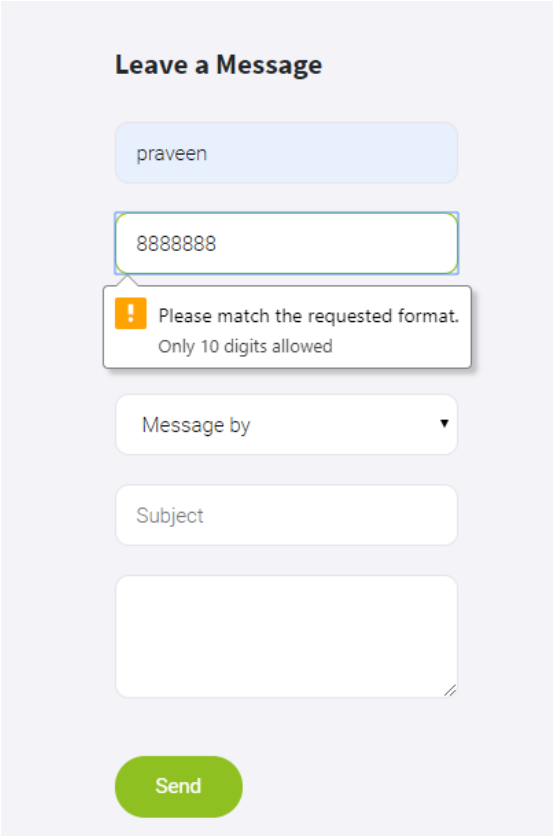

Fig 6. 8 Phone number validation

10 digits of phone number is not entered then message pops up saying “only 10 digits allowed”

6.3.9 FILTER RECENT MESSAGES

S.No	Name	Phone	Mail	Message by	Subject	Message	Reply	Replied?	Delete	Status
1	sddd	2222222222	k@gmail.com	efdr	defsg	efdr	Click	Yes!!	Yes!!	replied
2	suresh	9656545685	sureshkumarreddy56@gmail.com	From when I can stay there. Please lemme know. Thank you.	About accomadation	From when I can stay there. Please lemme know. Thank you.	Click	Yes!!	Yes!!	
3	Asi Baka	9206554011	asibaka@gmail.com	I wanna join programme called Electrician. When should I come?	About Programme	I wanna join programme called Electrician. When should I come?	Click	Yes!!	Yes!!	

Fig 6. 9 Filter recent

Filter will display only recent number of messages selected

6.3.10 BLOG NOT FOUND

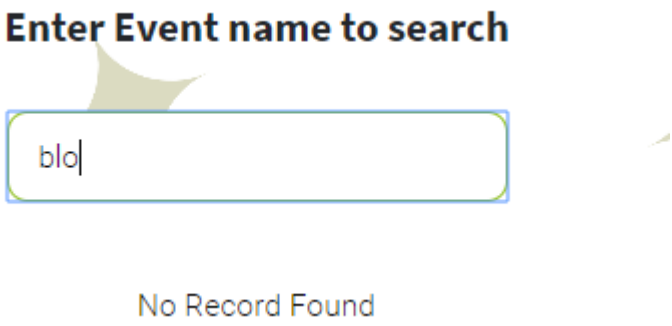

Fig 6. 10 Blog not found

If the blog entered is not allowed then message pops up saying" Blog not found"

6.3.11 SEARCH BY PHONE NUMBER

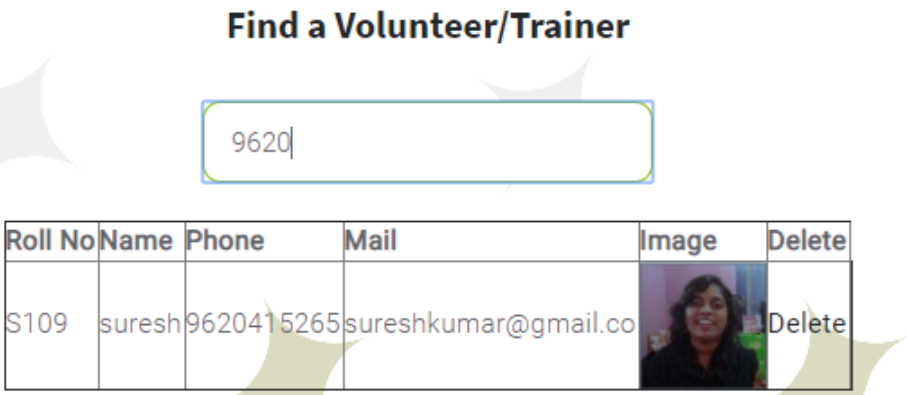

Fig 6. 11 Search by phone number

Search volunteers by phone number or name

7. CONCLUSION

Kaushalya Vikas Kendra (KViK) is a centre for skill development.This project is a website that will allow a different approach towards maintaining the website using CMS (Content Management System like creating, editing, organizing, and publishing content. This website allows Admin to have full control over the files, documents, as well as the design and display of the content. You don't have to know a single line of code to publish content. The beauty of a good content management system is to allow any user to create and manage their content without any technical know-how. The main objective of this project is to build an efficient CMS page for admin where they can control the slides, latest event, video, brochure, current programmes, upcoming programs, blog, contact information, bank details etc by inserting, updating and deleting them. Volunteer can register for any of the program Kvik requires in the website by filling in their details. Admin will be able to view and respond to them in their login.

7.1 LIMITATIONS

- login for users.
- Online payment method not implemented.
- Status checking is not implemented for users after registering.

7.2 FUTURE ENHANCEMENTS

- Separate login for users.
- Online payment method not implemented.

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