A Summer Internship Report On "Web Development"

(CE346 – Summer Internship - I)

Prepared byUmang Unadakat (17CE131)

Under the Supervision of Prof. Kruti Dhyani

Submitted to

Charotar University of Science & Technology (CHARUSAT)

for the Partial Fulfillment of the Requirements for the Degree of Bachelor of Technology (B.Tech.)

for Semester 5

Submitted at

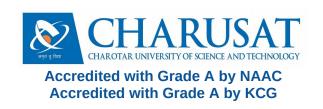




U & P U. PATEL DEPARTMENT OF COMPUTER ENGINEERING (NBA Accredited)

Chandubhai S. Patel Institute of Technology (CSPIT)
Faculty of Technology & Engineering (FTE), CHARUSAT
At: Changa, Dist: Anand, Pin: 388421.

July, 2019



CERTIFICATE

This is to certify that the report entitled "Society Management Website" is a bonafied work carried out by Umang H. Unadakat (17CE131) under the guidance and supervision of Assistant Prof. Kruti Dhyani & Mr. Viraj Parmar for the subject Summer Internship -I (CE346) of 5th Semester of Bachelor of Technology in Computer Engineering at Chandubhai S. Patel Institute of Technology (CSPIT), Faculty of Technology & Engineering (FTE) - CHARUSAT, Gujarat.

To the best of my knowledge and belief, this work embodies the work of candidate himself, has duly been completed, and fulfills the requirement of the ordinance relating to the B.Tech. Degree of the University and is up to the standard in respect of content, presentation and language for being referred by the examiner(s).

Under the supervision of,

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U & P U. Patel Dept. of Computer Engineering CSPIT, FTE, CHARUSAT, Changa, Gujarat

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Manager Sanskar Technolab Pvt. Ltd.

Dr. (Prof.) Amit Ganatra Head - U & P U. Patel Department of Computer Engineering, Dean - Faculty of Technology & Engineering (FTE), CHARUSAT, Changa, Gujarat.

Chandubhai S. Patel Institute of Technology (CSPIT) Faculty of Technology & Engineering (FTE), CHARUSAT

At: Changa, Ta. Petlad, Dist. Anand, Pin: 388421. Gujarat.



Date: 04 July 2019

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BANEKAR BANEKAR BANEKAR

TO WHOMSOEVER IT MAY CONCERN

This is to acknowledge that, Mr. Umang Unadakat has done his internship in Sanskar Technolab Pvt. Ltd. (Junagadh) of 1 Month.

He has worked on a PHP project titled Society Management System. He has dedicatedly occupied on this Project.

During the internship, he demonstrated good development skills with a self-motivated attitude to learn new things. His performance exceeded expectations and was able to complete the given tasks successfully on time.

Director, Anand Thakkar

NSKA

Signatures



ABSTRACT

This project "Society Management Website" provides us a simple interface for maintenance of Society. It can be used by any type of society to maintain the that society easily. Achieving this objective is difficult using a manual system as the information is scattered, can be redundant and collecting relevant information may be very time consuming. All these problems are solved using this project. Throughout the project the focus has been on presenting information in an easy and intelligible manner.

The project is very useful for those who want to Manage they society and live life easy and digital way. The main purpose of this society management System is to help any society to maintain and manage its personal data. It will also manage many other facilities such as event management, maintenance management, admin can update bills every month , any member can complain any time etc. Now a days easy to assume that there nobody who has smart android phone so all can access it easily.

Τ

ACKNOWLEDHEMENT

First I would like to thank Mr. Anand Thakker for giving me the opportunity to do an internship within the company sanskar technolab. Although quite short, for me this was a great experience I can learn from. It helped me to explore my skills and increased my interest in web development.

We really grateful and wish our profound our indebtedness to Assistant Professor Kruti Dhyani , Department of CE Charotar University, Changa. Her infinite patience, scholarly guidance, continual encouragement, constant and energetic supervision, constructive criticism, valuable advice, reading many inferior draft and correcting them at all stage have made it possible to complete this internship project documentation. Without this valuable support and guidance, this internship could not elevate up to this level of development from my point of view

Finally, I must acknowledge with due respect the constant support and patients of my parents. I would also like to thank Mr. Viraj Parmar and the staff at Sanskar Technolab for helping me during my mobility period. I appreciate their patience and help.

COMPANY PROFILE

Sanskar Technolab Pvt. Ltd.

Company website: https://sanskartechnolab.com/ @ Company address: V-Arcade, 3rd Floor,

Near Rajkot Nagrik Bank,

M.G.Road, Junagadh.

• Number of employees : 30

• Head office address: C 1007 - 10th Floor, The First,

Near Keshavbaugh, Judges

Bungalow Road,

Vastrapur - Ahmedabad.

Contact person name: Anand Thakker

• HR name: Anand Thakker

HR email Id : info@sanskartechnolab.com

• HR Contact No. :

Technologies (company working on): Web Development & Designing,

Android(Application Development),

Software Development,

Digital Marketing

DESCRIPTION OF COMPANY

Sanskar Technolab Pvt. Ltd. is an industry leader and a pioneer in the fields of Android & Software Development, Branding, Digital Marketing and Website Design from its very inception.

It is spreads in many branches two of them are in India one at junagadh and another one is at Ahmedabad while two branches at in USA. It is really good company and is working one all latest and popular technologies,

The ideology behind the success of that organization lies in the core principle of making their client's dream as their own. By understanding the individual and unique needs of all clients, and making them a core part of work process, They make sure that the solutions they design are totally worth clients time and money.

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CHEPTAR: 1 INTRODUCTION

1.1 PROJECT OVERVIEW

- society Management System can be used by any society to maintain the records of society members and workers who work there easily.
- Achieving this objective is difficult using a manual system as the information is scattered, can be redundant and collecting relevant information may be very time consuming. All these problems are solved using this project.
- It can be solve many problems of any society. Some society has spread in larger areas and large number of houses are exist at that time this project is so useful.
- When society is larger that time hard to maintain that society and for solving small problems they have to arrange meeting and long discusses on that problems may occure.this site easily sove all society maintainance related problems.
- It will also manage many other facilities such as event management, maintainance management, admin can update bills every month, any member can complain any time etc...
- Admin can set committee members of that society and workers details so works.
- Any society members can put complain at any time and all the society members may get notification at at a time.
- In society if any event has been organized so admin has rights to add details and photos related to that event.
- Now a days easy to assume that therer no body who has smart android phone so all can access it easily.

1.2 PURPOSE

 The objective of Society management system is to allow the admin/secretary of any society to edit details of society and find out the personal details of a any person who is consalted to the society and allows society members to keep up to date his profile.

- It'll also facilitate keeping all the records of society member, such as their name, family details, block number, phone number, DOB etc.
- All the information about an society member will be available to watch other members.
- The main purpose of this society management System is to help any society to maintain and manage its personal data.
- It's like a new wave of living. It is useful to all local, luxurious and cooperative society so any society can use this website to live digital life.

1.3 FUNCTIONALITIES

There are two different users who will be using this product:

- Admin who can view and edit the details of Society.
- Members who can view their details as well as they can edit their details.
- Three types of members users :
 - 1. Society Members
 - 2. Society Workers
 - 3. Committee Members
- On the home page of that web there is description for how to use this website if new user dont know about use of this application.

An Administrator can login into the system and use any of the available features.

- Can reset any member if that family has left that society and sifted at any where else.
- Can edit society information and profile of that society.
- Can check detail of any society members.
- Can change password and forgote password.
- Can add society rulles which will be visible to all members.
- Can set committee members of that soociety.
- Can set workers details of that society.
- Can manage payment details of society.
- Admin can send notice any time to all society members.
- Admin can add important contact for that society which may be useful to any peson of that society.
- Admin can update all the bills and payments reports at any time.
- Admin can also add ant event related details and photos of that event.
- Admin has to check mark and save the payment when any society member pay his maintainance rupees.

The features that are available to the Society members are:

- Can view event details and photographs of any event.
- Can check any other members details.
- Can edit members profile and set family members details.

- Can check it payment statuse of any members of that society.
- Can view bills which are uplloaded by admin of that society.
- Can complain any time and all members will get notification ralated to taht complain.
- Can change password or forget password.
- Can check worker details and committee members details.
- Cam message any person of that society.
- Can access important contact if needed.
- Can check society rules which are added by admin of that society.
- Workers can also check details of that society where they are working.
- Can change profile picture.
- Can check out exact address of any members in that society.

1.4 OBJECTIVE

- The objective of Society Management System is to allow the admin of any society to edit and find out the personal details of a stumembersdent and allows the members to keep up to date his profile.
- It'll also facilitate keeping all the records of society member, such as their name, family details, block number, phone number, DOB etc.So all the information about an members will be available in a few seconds.
- The main objective this projects is mack easy life of peoples and live digitaly and utilize smart resources.It's like new wave of living.

1.5 REQUIRMENTS

1.5.1 FUNCTIONAL REQUIRMENTS

- The Admin will be given more powers (enable/disable/ update) than other users.
- User can access it any time.
- It is User friendly.
- First admin has to register society then only access featurs of this website.
- User can easily maintain society.

1.5.2 NON-FUNCTIONAL REQUIRMENTS

Performance Requirements:

The proposed system that we are going to develop will be used as the Chief performance system for providing help to the organization in managing the whole database of the student studying in the organisation. Therefore, it is expected that the database would perform functionally all the requirements that are specified.

• Safety Requirements:

The database may get crashed at any certain time due to virus or operating system failure. Therefore, it is required to take the database backup.

• Security Requirements:

We are going to develop a secured database. There are different categories of users namely Administrator, Student who will be viewing either all or some specific information form the database. Depending upon the category of user the access rights are decided. It means if the user is an administrator then he can be able to modify the data, append etc. All other users only have the rights to retrieve the information about database.

1.6 USER VIEWS

- Admin(Society Handler)
- Society Members
- Committee Members
- Society Workers

CHAPTER 2. TECHNLOGI OVERIEW

2.1 PHP

0	PHP is a recursive acronym for "PHP: Hypertext Pre-processor".
0	Five important characteristics make PHP's practical nature possible: \Box
	- Simplicity □ - Efficiency □
	- Security □
	- Flexibility □
	- Familiarity

- PHP is a server side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire ecommerce sites.
- It is integrated with a number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server
- O PHP is a general-purpose scripting language that is especially suited to serverside web development where PHP generally runs on a web server PHP code is embedded into the HTML source document. Any PHP code in a requested files executed by the PHP runtime, usually to create dynamic web page content. It can also be used for command-line scripting and client-side GUI applications. PHP can be deployed on many web servers and operating systems, and can be used with many relational database management systems (RDBMS).

2.2 MySql With phpmyadmin

- o phpMyAdmin is one of the most popular applications for MySQL database management. It is a free tool written in PHP. Through this software you can create, alter, drop, delete, import and export MySQL database tables. You can run MySQL queries, optimize, repair and check tables, change collation and execute other database management commands.
- o The main phpMyAdmin features are:
 - Intuitive web interface
 - Support for most MySQL features:
 - browse and drop databases, tables, views, fields and indexes
 - create, copy, drop, rename and alter databases, tables, fields and indexes

- o maintenance server, databases and tables, with proposals on server configuration
- o execute, edit and bookmark any -statement, even batch-queries
- o manage stored procedures and triggers
- o Import data from and
- o Creating complex queries using Query-by-example (QBE)
- o Searching globally in a database or a subset of it
- Transforming stored data into any format using a set of predefined functions, like displaying BLOB-data as image or download-link

2.3 HTML/CSS/BOOSTRAP

- o HTML (the Hypertext Mark-up Language) and CSS(Cascading Style Sheets) are two of the core technologies for building Web pages.
- o HTML provides the structure of the page, CSS the (visual and aural) layout, for a variety of devices.
- Along with graphics and scripting, HTML and CSS are the basis of building Web pages and Web Applications.
- o Bootstrap is a sleek, intuitive, and powerful mobile first front-end framework for faster and easier web development. It uses HTML, CSS and JavaScript.
- o Bootstrap was developed by Mark Otto and Jacob Thornton at Twitter. It was released as an open source product in August 2011 on GitHub.
- o Mobile first approach: Since Bootstrap 3, the framework consists of Mobile first styles throughout the entire library instead of in separate files. □
- Easy to get started: With just the knowledge of HTML and CSS anyone can get started with Bootstrap. Also the Bootstrap official site has a good documentation. □
- Responsive design: Bootstrap's responsive CSS adjusts to Desktops, Tablets and Mobiles. More about responsive design
- o Browser Support: It is supported by all popular browsers

2.4 JavaScript/JQuery

 JavaScript runs on the client side of the web, which can be used to design / program how the web pages behave on the occurrence of an event.

- o JavaScript is an easy to learn and also powerful scripting language, widely used for controlling web page behaviour.
- A Contrary to popular misconception, JavaScript is not "Interpreted Java". In a nutshell, JavaScript is a dynamic scripting language supporting prototype based object construction.
- The basic syntax is intentionally similar to both Java and C++ to reduce the number of new concepts required to learn the language.
- o jQuery is a fast, small, and feature-rich JavaScript library.

CHAPTER 3. SYSTEM REQUIEMENT SPECIFICATION

3.1 Software Requirements

- o PHP 7.0
- o phpmyadmin
- o XAMPP/WAMP/LAMP
- o Text Editor
- o Browser
- o jQuery Library
- o Bootstrap 4 CDN

3.2 Hardware Requirements

- o Computer System
- o 512 MB Ram or Higher
- o 20 GB HDD or Higher
- o Network Connectivity

3.3 Platform

3.3.1 Operating System

o Microsoft Windows 10

3.3.2 Runtime Environment

o APACHE HTTP Server (XAMPP)

3.3.3 Coding Environment

o Sublime text 3 (Text Editor)

3.4 Technologies Used

Front End: HTML and JavaScript
 Web designing language: PHP
 RDBMS (Back end): MySQL

CHAPTER 4 FLOW OF PROJECT

4.1 BASIC FLOW OF PROJECT

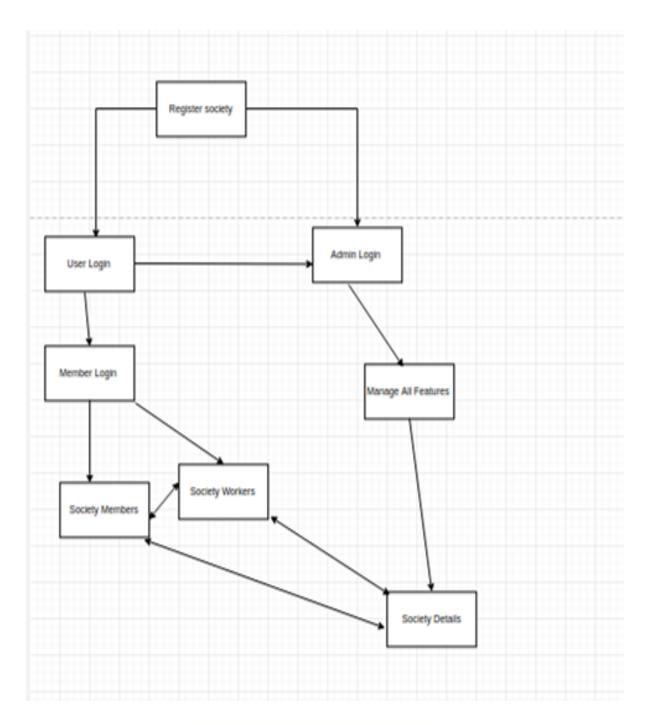


Fig 4.1 Basic Flow Of Project

4.2 PROJECT DIRECTORIES

SocietyWeb(project)

add-all-events.php

add-bills.php

add-complaints.php

add-Family-Members.php

add-imp-contacts.php

add-month.php

add-notice.php

add-payment.php

add-rules.php

admin-login.php

admin-people.php

admin-settings-change-pass.php

admin-settings-reset-user.php

admin-settings-set-committee.php

admin-settings-staff-members.php

all-events.php

bills.php

committee-members.php

complaints.php

contact-us.php

db-add-bills.php

db-add-comments.php

db-add-complaints.php

db-add-events.php

db-add-familymembers.php

db-add-imp-contacts.php

db-add-notice.php

db-add-rule.php

db-admin-change-pass.php

db-admin-login.php

db-admin-reset-user.php

db-committee-members.php

db-complaints.php

db-contact-with-us.php

db-forgot-admin-pass.php

db-member-login.php

db-payment.php

db-set-staff-members.php

db-signout-admin.php

db-signout-user.php

db-upload-vid.php

db-user-change-pass.php

dbconnect.php

dbregistration-members.php

dbregistration.php

dlt-contact.php

edit-pro-img.php

```
edit-society-profile.php
    edit-user-profile.php
    event.php
    events.php
    extra.php
    footer.php
    forgot-admin-pass.php
    forgot-member-pass.php
    header-user.php
    header.php
    imp-contacts.php
    index.php
    member-login.php
    member-profile.php
    msg.php
    notice.php
    payment.php
    profile.php
    registration.php
    rules.php
    society-membrs.php
    society-profile.php
    society.php
    some-users.php
    staff-members.php
    user-people.php
    user-settings-change-pass.php
    your-payment.php
+---Bills
+---Css
| | main-blue-dark.css
| main-blue.css
| | main-bright-orange.css
| | main-green-dark.css
| main-green-violet.css
| | main-light-green.css
| | main-light-orange.css
| | main-light-red.css
| main-orange.css
| | main-pink.css
| main-red.css
  | main-turquoice.css
| main-violet.css
    style.css
+---lib
    +---bootstrap
         bootstrap.min.css
```

```
+---Events
+---fonts
+---images
| | blue-icons-sprite.png
| | dark-green-icons-sprite.png
| | flags-sprite.html
| | flags-sprite.png
| | green-icons-sprite.png
| | green-small-icons-sprite.png
| | inversed-icons-sprite.png
| | orange-icons-sprite.png
orange-small-icons-sprite.png
| red-icons-sprite.png
| | sprite.png
 +---banners
      typography-top-banner2.jpg
      video-banner-container-bg.jpg
  +---favicon
      1.ico
+---js
| | main.js
+---libs
      jquery.min.js
+---media
| |---preloader.gif
| |---audio
  |---images
+---Profiles
```

17CE131 DATABASE

CHAPTER 5. DATABASE

5.1 DATABASE TABLES LIST



Fig 5.1 Database Tables

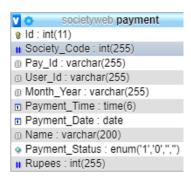
17CE131 **DATABASE**

5.1 ENTITY RELATIONSHIP DIAGRAM



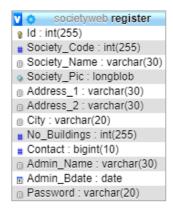


















```
societyweb staff_members
@ Id: int(255)
# Society_Code : int(255)
User_Id : varchar(255)
Name : varchar(255)
Work: varchar(255)
# Contact_No : bigint(20)
Address: varchar(255)
Password : varchar(255)
Birth Date : date
# Salary: int(255)
```







```
v o societyweb families
Id: int(255)
Society_Code : int(255)
User_Id : varchar(255)
Name : varchar(20)

    Profile_Pic : longblob

# Contact_No : bigint(255)
■ Birth Date : date
Relation : varchar(55)
```





```
web messages
 n Id : int(255)
# Society_Code : int(255)
# User_Id : int(255)

Msg : varchar(255)
```

16

CHEPTAR: 6 SNAPSHOTS

6.1 HOME PAGE

• When any user opens this website first page view shown like this. It contains how to use this website.



Fig 6.1 Home Page

6.2 REGISTRATION PAGE

• Here registration where admin has to first register society than they can use features of this website



Fig 6.2 Registration Page

6.3 LOGIN PAGE

6.3.1 LOGIN AS AN ADMIN

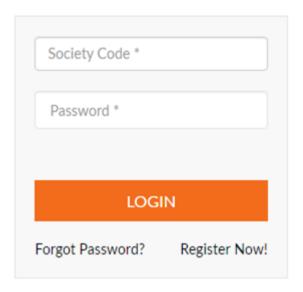


Fig 6.3 Login Form - 1

6.3.2 LOGIN AS A MEMBER

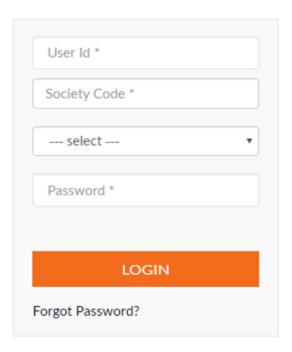


Fig 6.4 Login Form - 2

6.4 NAVIGATIONBAR

• It is home page navigation bar. There is options such as home, sign in, contact us and register button.



Fig 6.5 Home Page Navbar

• Once login as an admin after this page shown to admin.

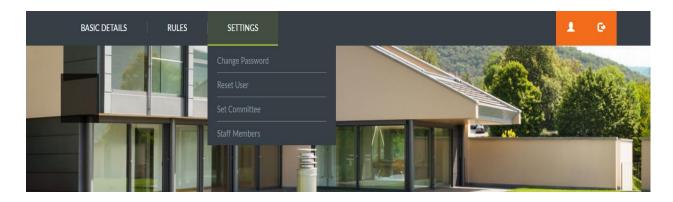


Fig 6.5 After Admin Login Navigation bar

• After login as a member this page will be shown to member.

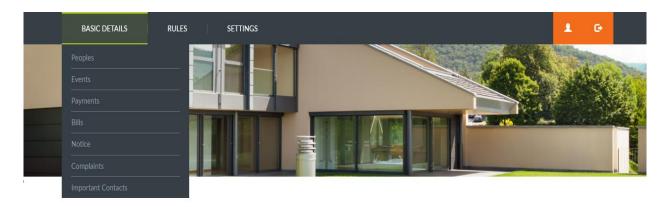


Fig 6.5 After Member Login Navigation bar

6.5 FEATURE PAGES

6.5.1 Events

o In this page admin can add events and events photos which are society members can view.

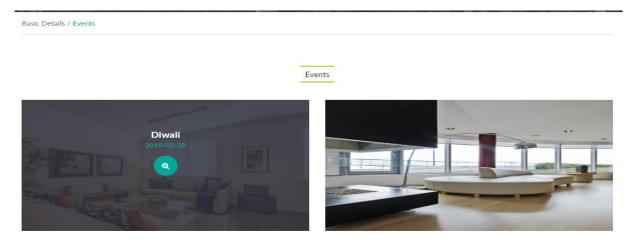


Fig 6.7 Event Management

6.5.2 Payments

• Here Admin can add payment that all members has to pay and members can also watch payment status of that all society members.

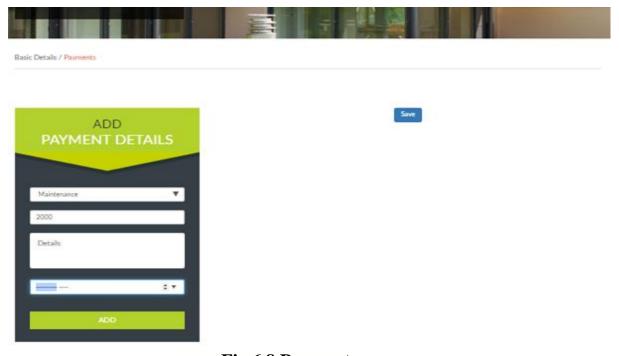


Fig 6.8 Payments

6.5.3 Bills

This is bills page where admin has to add all the bills of society which are paid.so all the members can show how many rupees society paid in previous month.

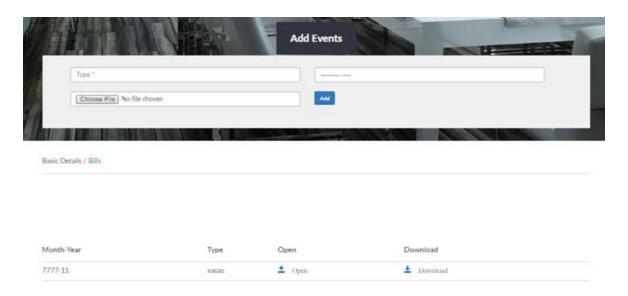


Fig 6.9 Society Monthly Bills

6.5.5 Important Contacts

o Admin has to add important contact which are useful to all the members.

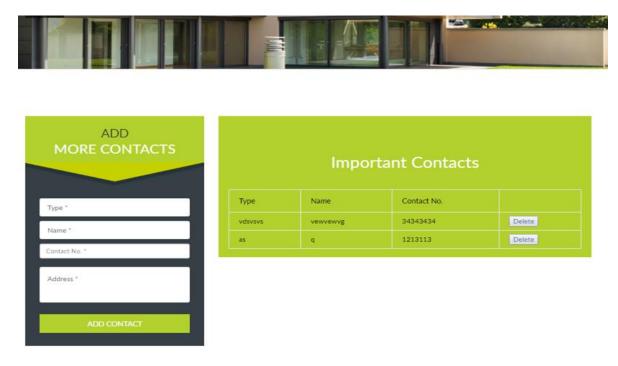


Fig 6.10 Important Contacts

6.5.6 Complaints

o If any member wants to complaint they can do it any time and all the other members got notification about that.

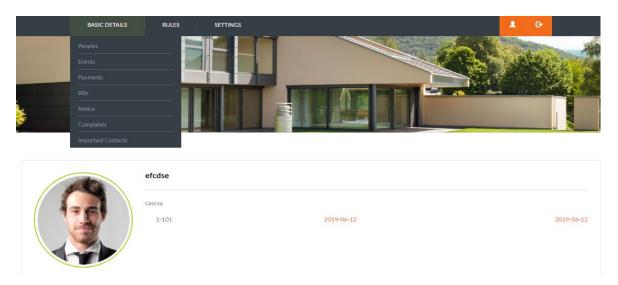


Fig 6.11 Complaints page

6.5.7 Workers

• This the workers list who are works in that society. Every member can watch it at any time.

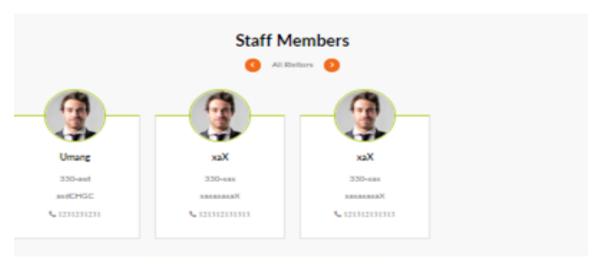


Fig 6.12 Society Workers List

6.5.7 Change Password



Fig 6.12 Change Password

CHAPTER 7. CONSTRAINTS AND FUTURE ENHANCEMENT

7.1 CONSTRAINTS

- All members have to add personal and family details.
- There no mail or sms services.
- All members must have smart phone.
- It cannot manage society visitor details.
- o Online maintenance payment is not available.

7.2 FUTURE ENHANCEMENT

- o Create android application for society management system.
- Add online payment methods.
- o It can be modifying with mail services.
- Increase its quality and make it faster.
- Make it more secure.
- Increase visitor details features.
- Manage library if available in society.
- It can be Modified Guest rooms management and party hall management.
- o If there is any home business is going, then members can also add details about that business.

CHAPTER 8. CONCLUSION AND REFERENCES

8.1 CONCLUSIN

- All the staff members of sanskar technolab always helpful. It was great experience of this summer internship at sanskar technolab. Due to support of all staff this project became completed.
- It can be clearly now a day public need this management system. There are some limitations but also there are many important features which are useful to all the users of this society management system website.
- It's is gui base and user friendly application so if any person has less knowledge of internet they can also use it easily. Overcome all the limitations and make it more reliable.

8.2 REFERANCES

8.2.1 REFERANCE BOOK

Learnig PHP, MySql, JavaScript & CSS

- Author : Robin Nixon

- Latest Edition : Second Edition

- Publisher : O'Reilly

8.2.2 ONLINE REFERANCES

- www.w3schol.com
- www.google.com
- https://stackoverflow.com
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