



# SOCIETY PRO

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*[ Manage Society Professionally ]*



Parle Tilak Vidyalyaya Association's

## **MULUND COLLEGE OF COMMERCE**

### **DEPARTMENT OF INFORMATION TECHNOLOGY**

# **CERTIFICATE**

This is to certify that \_\_\_\_\_

Seat No: \_\_\_\_\_ of S.Y.B.Sc. Information Technology

Semester IV has successfully completed the project work for the course **MULTIMEDIA** being the partial requirement to fulfil the S.Y.B.Sc. I.T. Semester IV examination during 2016-2017.

Teacher In-charge

Co-ordinator

Date:

Examiner

College Seal

# ACKNOWLEDGMENT

I am glad to present my multimedia project, worked on **“Society Pro”** a ‘Society Management System’ web application. The satisfactory completion of this project is not merely due to my own efforts but also due to the valuable guidance rendered by our guide, others and also the requisite infrastructure and facilities made available by our College.

I am thankful to ‘Mr. Hiren Dand’, Our Honorable Head of Department for his encouragement and support. I am thankful to our guide ‘Ms. Priti Pathak’ for her valuable support and guidance.

I am also thankful to my partner ‘Mayur Halve’ for his support and work in the entire project development.

I would also like to thank other professors who kept the college computer laboratory open beyond working hours and also where physically present to render all possible assistance.

I also like to express our sincere thanks to the Staff of the Information Technology Department of M.C.C College for their unstinted cooperation and support, which resulted in the successful completion of this project.

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# SYNOPSIS

<b>Title:</b>	Society Pro
<b>Description:</b>	A web based application for Society Management System
<b>Objective:</b>	<ul style="list-style-type: none"><li>• To provide services to the society to manage it effectively</li><li>• To reduce the problem associated with society like information management of members and more</li><li>• To provide a new job opportunity for Secretary</li><li>• To reduce the unnecessary effort of government towards society</li></ul>
<b>Members of the Project:</b>	Yogesh Gupta Mayur Halve
<b>Programming Languages used:</b>	Frontend Development: <ul style="list-style-type: none"><li>• HTML5 (Hypertext Markup Language Version 5)</li><li>• CSS3 (Cascading Style Sheets Version 3)</li><li>• JavaScript</li></ul> Backend Development: <ul style="list-style-type: none"><li>• PHP 5 (Hypertext Preprocessor Version 5)</li><li>• MySQL 5 (My SQL - Structured Query Language Version 5)</li></ul>
<b>Hardware and Software used for Production:</b>	Hardware: <ul style="list-style-type: none"><li>• Toshiba Satellite C50-A I2011</li><li>• Screen Size: 15.6 inches</li><li>• Processor: Intel Core i3 2348M</li><li>• RAM: 4 GB</li><li>• Hard Drive: 640 GB</li></ul> Software:

	<ul style="list-style-type: none"> <li>• Windows 10 Pro 64-bit <ul style="list-style-type: none"> <li>▪ Google Chrome: Version 56.0.2924.87 64-bit</li> <li>▪ Notepad++: Version v7.2.2 32-bit</li> <li>▪ WampServer: Version 3.0.6 64-bit <ul style="list-style-type: none"> <li>○ PHP: Version 5.6.25</li> <li>○ Apache Version: 2.4.23</li> <li>○ MySQL Version: 5.7.14</li> </ul> </li> <li>▪ VideoScribe</li> </ul> </li> </ul>
<b>Hardware &amp; Software Requirements for Playback:</b>	<p>Hardware:</p> <ul style="list-style-type: none"> <li>• PC or Laptop <ul style="list-style-type: none"> <li>▪ Screen Size: 15.6 inches</li> <li>▪ Processor: Any Supported</li> <li>▪ RAM: any Given</li> <li>▪ Hard Drive: any Given</li> </ul> </li> </ul> <p>Software:</p> <ul style="list-style-type: none"> <li>• Windows XP or higher <ul style="list-style-type: none"> <li>▪ Google Chrome: any supported</li> <li>▪ WampServer Version 3</li> </ul> </li> </ul>
<b>Visibility Specification:</b>	<ul style="list-style-type: none"> <li>• Color Reference: <ul style="list-style-type: none"> <li>▪ #00AFF0: (Background)</li> <li>▪ #2A70ED: (Text Background)</li> <li>▪ #FFFFFF: (Text)</li> </ul> </li> <li>• Font: <ul style="list-style-type: none"> <li>▪ Name: Times New Roman</li> <li>▪ Size: 14 &amp; 16</li> </ul> </li> <li>• Responsiveness: Not Responsive</li> </ul>
<b>Bibliography</b>	<ul style="list-style-type: none"> <li>• <a href="http://www.freepik.com">http://www.freepik.com</a></li> <li>• <a href="http://imageslidermaker.com">http://imageslidermaker.com</a></li> <li>• <a href="https://www.befunky.com">https://www.befunky.com</a></li> <li>• <a href="http://stackoverflow.com">http://stackoverflow.com</a></li> <li>• Oh My God Project Documentation</li> </ul>

# PROJECT SCHEDULING

The following Gantt Chart shows the scheduling of my entire project which helps in understanding how much time it takes to complete it successfully.

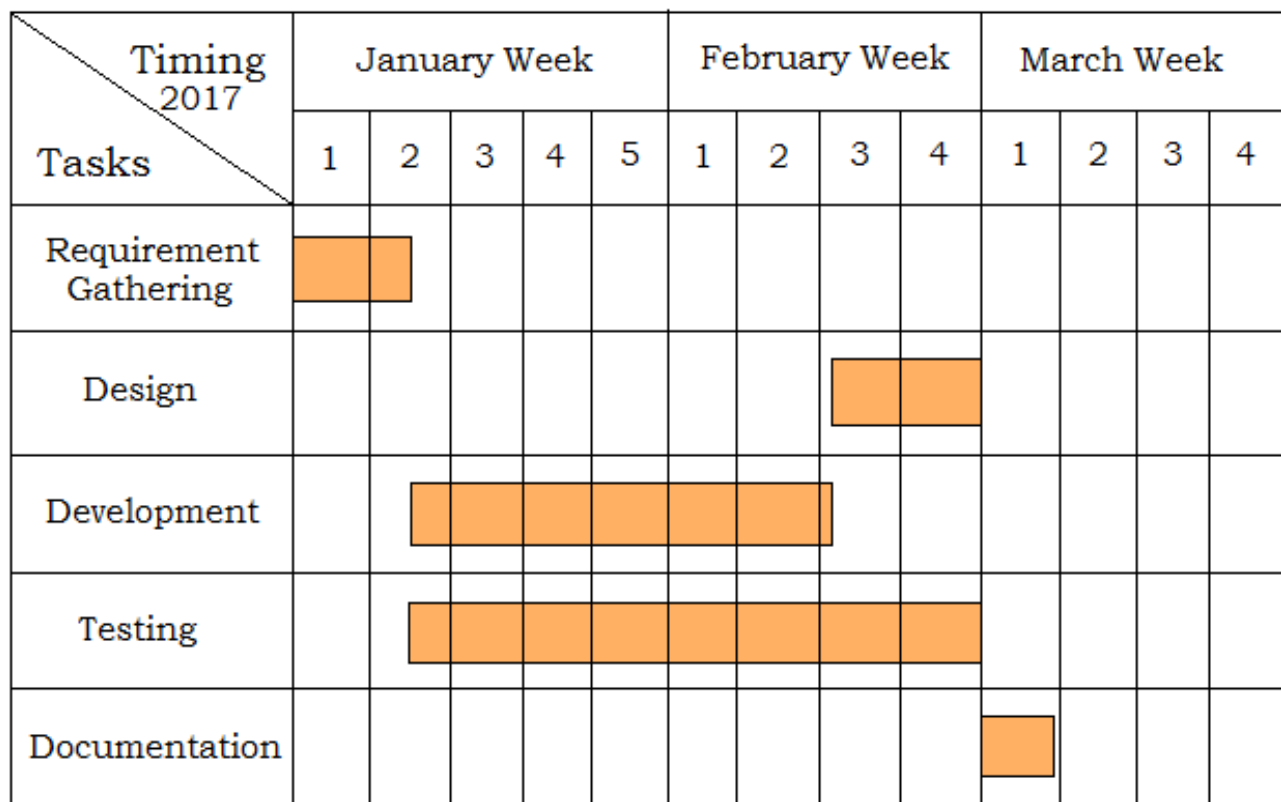


Fig: **Gantt Chart of Proposed System**

# PROPOSED SYSTEM

Society Pro is a society management website portal designed to reduce conflicts among society members. The system has automated functionality for displaying the details of each member of the society to the secretary and secretary and member as well can view their account details and edit them.

The following are the modules included in this system:

- Secretary Module:
  - Sign up and Sign in
  - Authentication
  - Edit
- Member Module:
  - Sign up and Sign in
  - Authentication
  - Edit

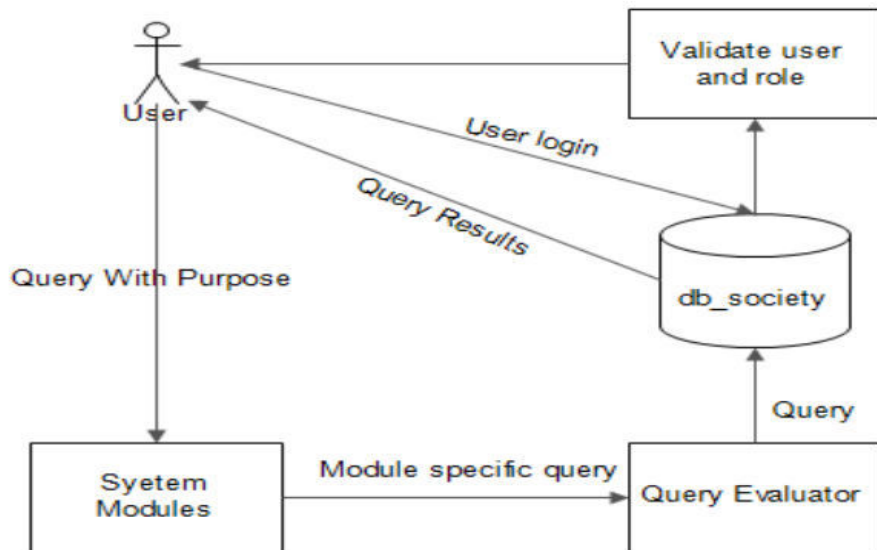


Fig: **Proposed System Behavior**



# FEASIBILITY STUDY

A Feasibility Study determines whether a project is worth doing. The process followed for making this determination is called a Feasibility Study. This type of study determines whether a project can and should proceed.

The following are the various types of feasibility studies that are undertaken in this project.

- **Technical Feasibility:**

- As it is a simple web application it is technically feasible, just a Laptop or PC with any text editor, any web browser and a server application.
- Besides this, development require skilled people who are able to develop a web application using HTML, CSS, JavaScript and PHP and MySQL.

- **Economic Feasibility:**

- Since most of the software tools are freely available with any operating system purchase it is economically feasible.
- Also, PHP and MySQL and all specified are open source so, there is no issue after the completion of the project

- **Legal Feasibility:**

- It is not 100% legally feasible as the data is shared between the entities so, its feasibility depends on the use.

- **Scheduling Feasibility:**

- Feasibility depends on the person skills in web development.

# PROCESS MODEL

A Process Model describes the sequence of phases for the entire lifetime of a product. Therefore, it is sometimes also called Product Life Cycle. This covers everything from the initial commercial idea until the final de-installation or disassembling of the product after its use.

Process Model provides a fixed framework that guides a project in:

- Development of the product
- Planning and organizing the project
- Tracking and running the project

There are many Process Models to achieve this they are as follows:

- Waterfall model
- The V-Model
- Incremental model
- Agile model
- Iterative model
- Spiral model
- Prototype model
- The Formal model
- code-and-fix model
- Concurrent Engineering model
- extreme programming (XP) model
- Rational Unified Process (RUP) model
- Rapid Application Development (RAD) model
- Confident Software Development Process model

# SELECTED MODEL

My Project fit into Code and Fix model as it is a short project whose idea came into my mind and I just started developing it without worrying about design.

Further I redeveloped my project with design and integrated that with the existing developed project.

Some of the details about Code and Fix Model are as follows which helps me considering the code and fix Model

## **Code and Fix Model:**

- C&F is an informal model that is in common use because it is simple, not because it works well.
- In this model, you may start with a general idea of what you want to build, you may have a formal specification, you may not.
- You then use whatever combination of informal design, code, debug and test methodologies that suits you until you have a product that is ready to be released.

## **Advantages:**

- It has no overheads, as you don't spend any time on planning, documentation, quality assurance, standards enforcement - nothing but code.
- Since you code from the start - signs of progress are immediately evident.

- Application of this model requires little expertise, anyone who has ever written a computer program is familiar with this model;

### **Disadvantages:**

- C&F provides no means of assessing progress as you just code until you are complete.
- It also has no means of assessing quality issues or identifying risks.
- If you discover half way through the project that the design approach is fundamentally flawed, you have no choice but to start again.
- Suitable for tiny projects only.

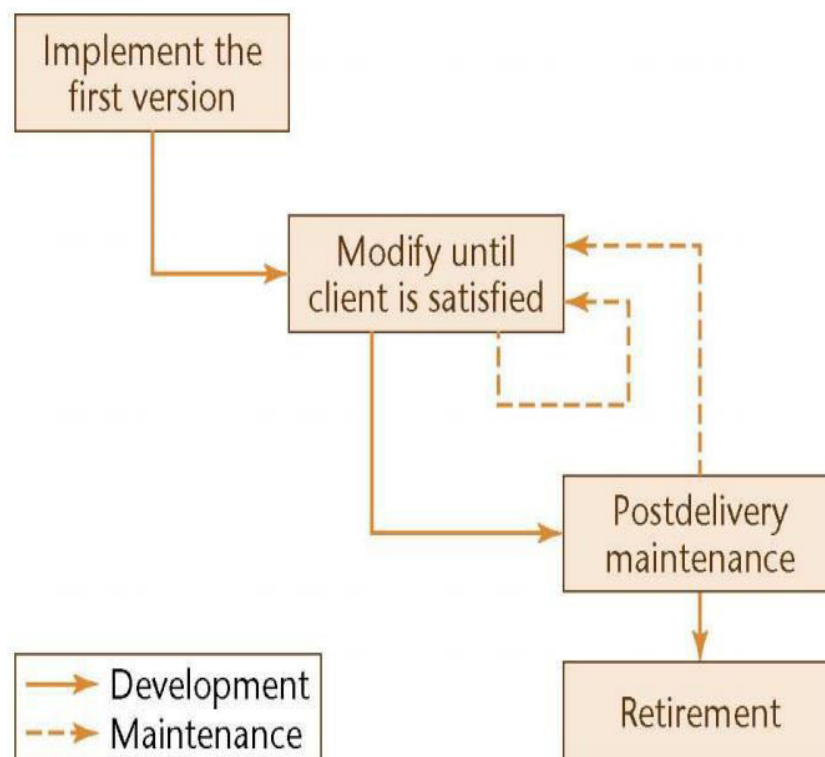
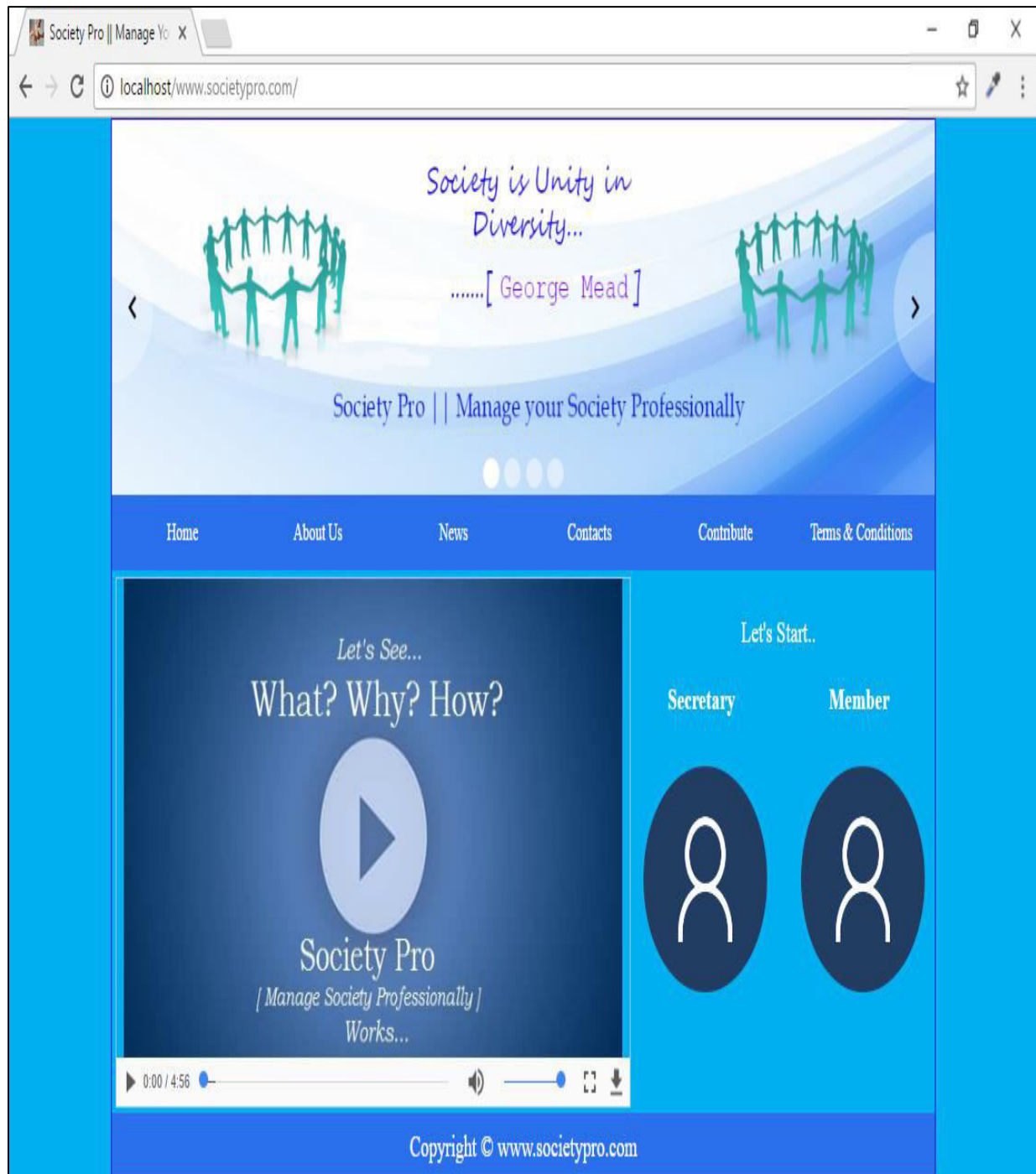


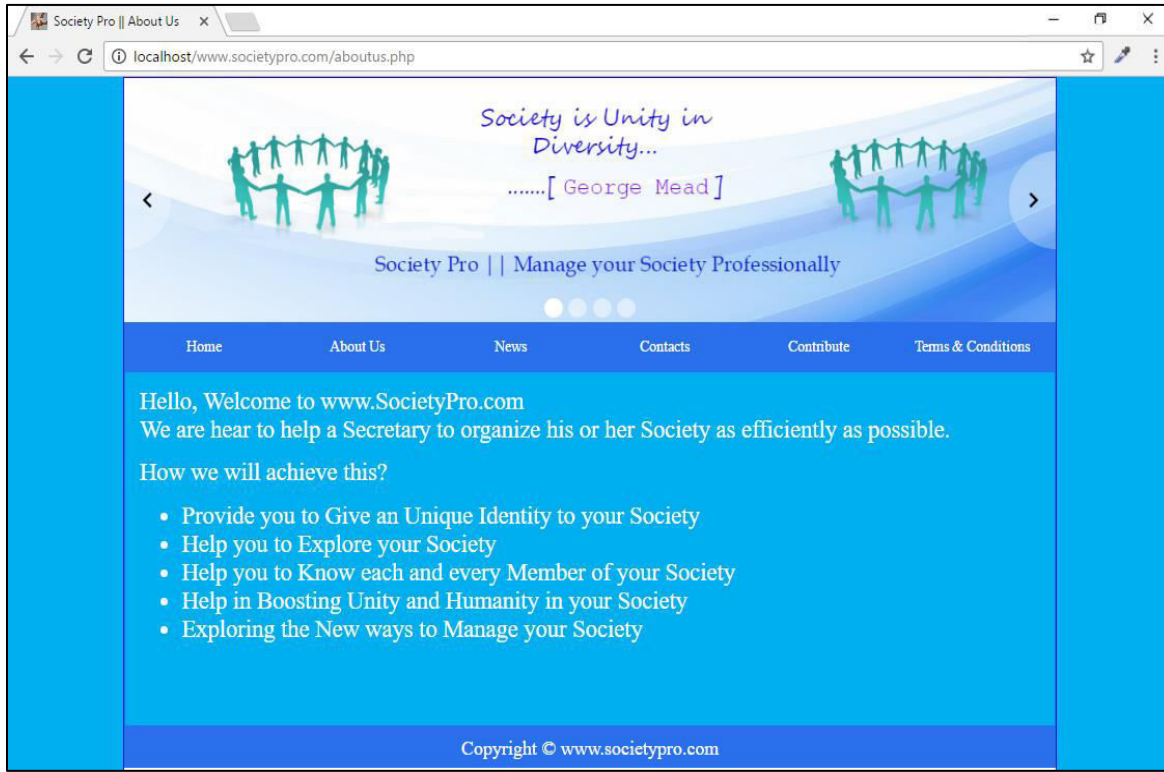
Fig: **Code and Fix Model**

# SCREEN SHORTS

## Home Page



## About Us Page



## News Page

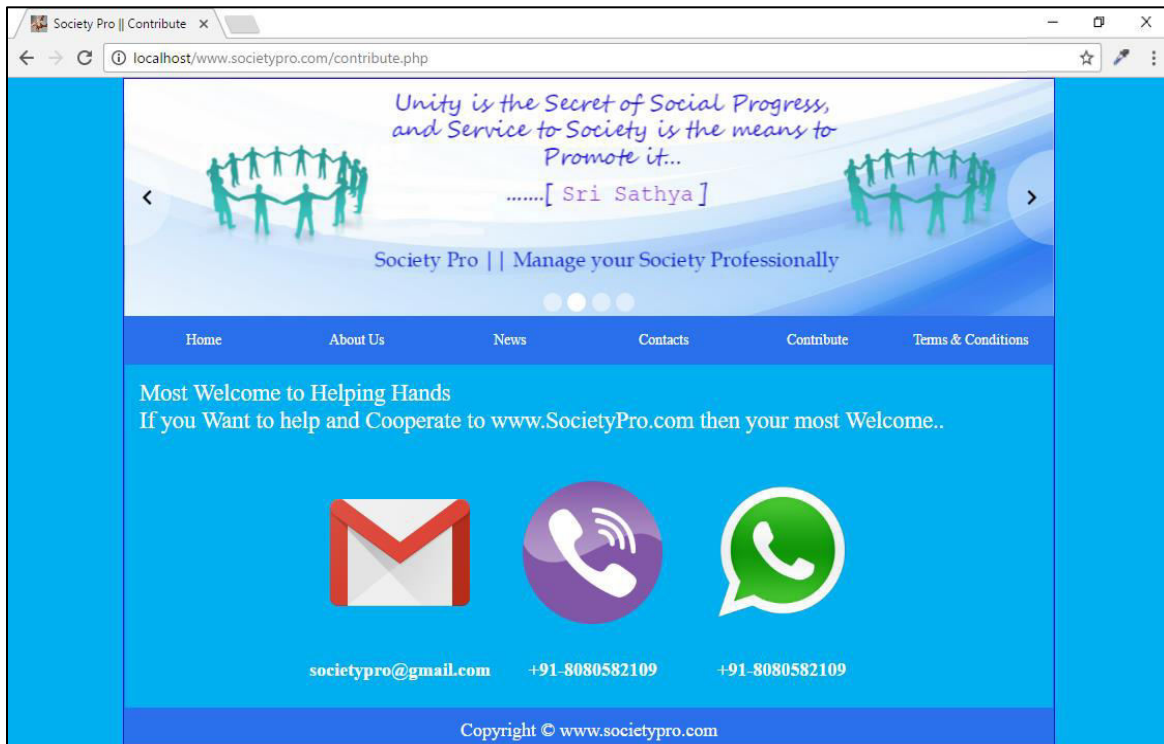




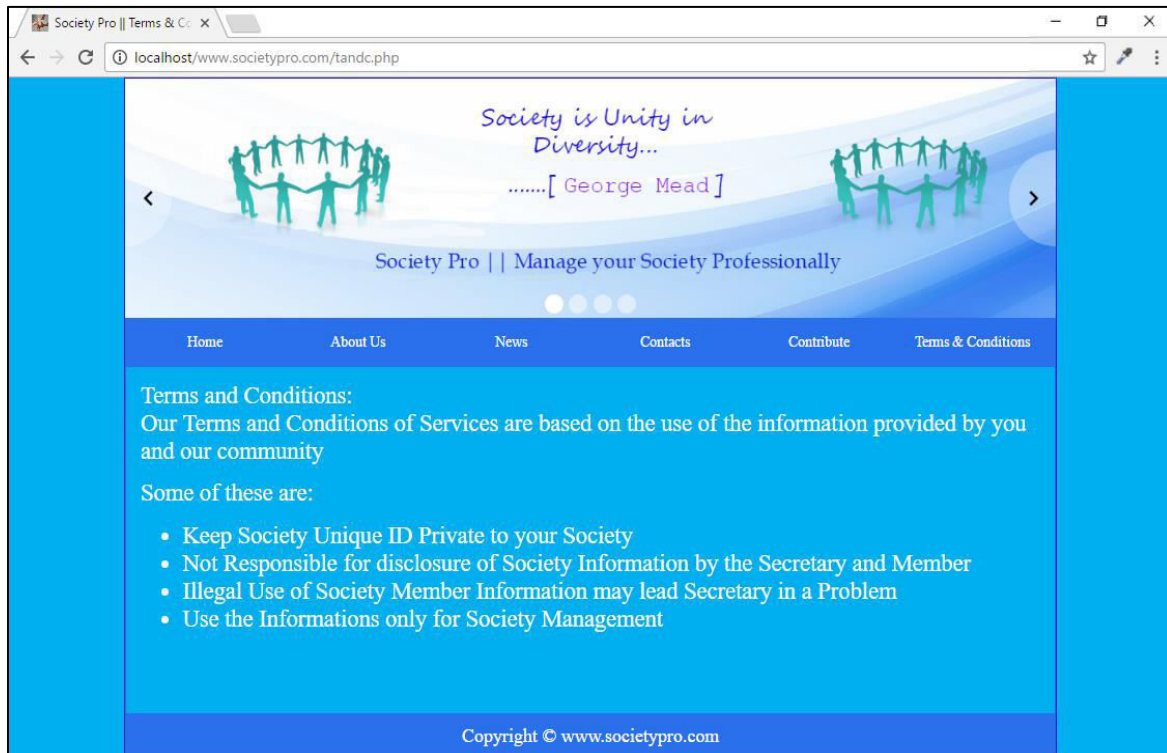
## Contacts Page



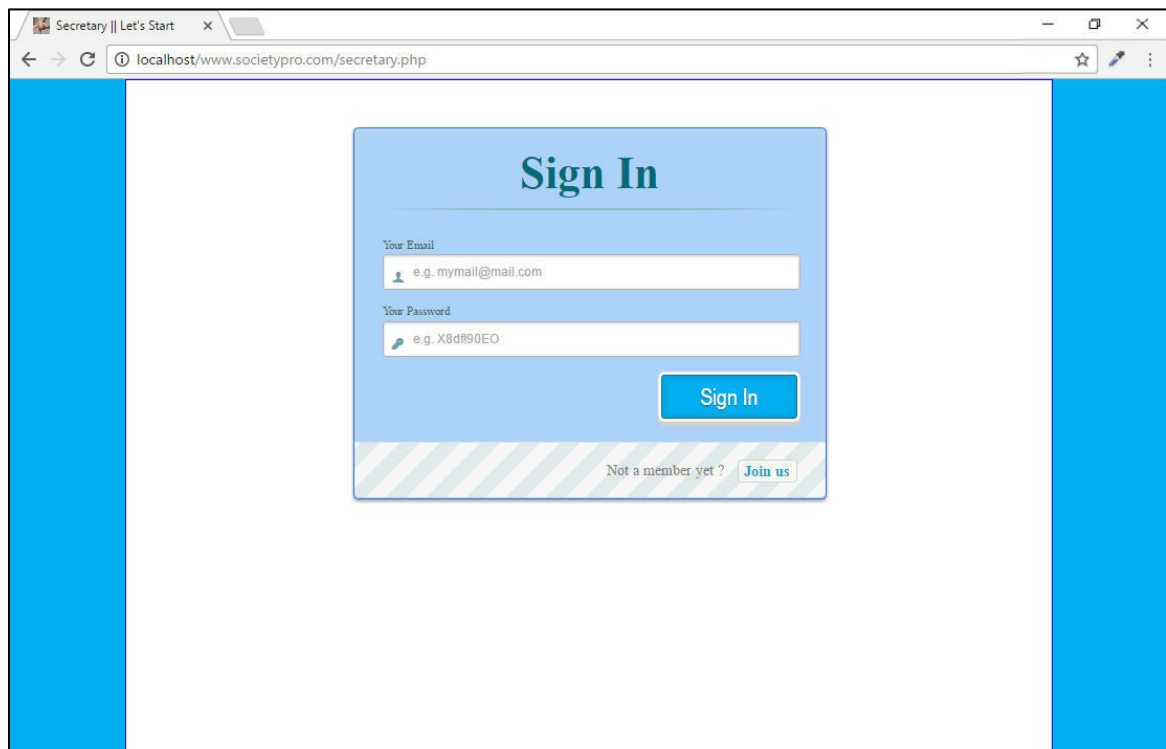
## Contribute Page



## Terms & Conditions Page



## Sign in Page





## Secretary Sign Up Page

**Sign Up**

Enter Email  
e.g. mymail@mail.com

Enter First Name  
e.g. FirstName

Enter Last Name  
e.g. LastName

Enter Password  
e.g. X8d#00EO

Enter Mobile Number  
e.g. 1234567890

Enter Society Name  
e.g. Society Name

Create Society UID  
e.g. SocietyNameUID


Enter City  
e.g. City

**Sign up**

Already a member? [Go and log in](#)

## Secretary Home Page

**Secretary Information**



**Yogesh Gupta**


E-Mail: [yogeshgupta279@gmail.com](mailto:yogeshgupta279@gmail.com)

Password: 12345678

Mobile: +91-8080582109

Registration Date: 2017-02-28

**Society Information**






**Tukaram Bhuvan**

SocietyUID: tukarambhuvan123

Society City: Dombivli

**Society Members Details**

Photo	First Name	Last Name	E-Mail	Mobile	Registration Date
	Pankaj	Gupta	<a href="mailto:pankajgupta123@gmail.com">pankajgupta123@gmail.com</a>	8080582109	2017-02-28
	Harshad	Gupta	<a href="mailto:harshadgupta123@gmail.com">harshadgupta123@gmail.com</a>	8080582109	2017-02-28
	Mangesh	Gupta	<a href="mailto:mangeshgupta123@gmail.com">mangeshgupta123@gmail.com</a>	8080582109	2017-02-28

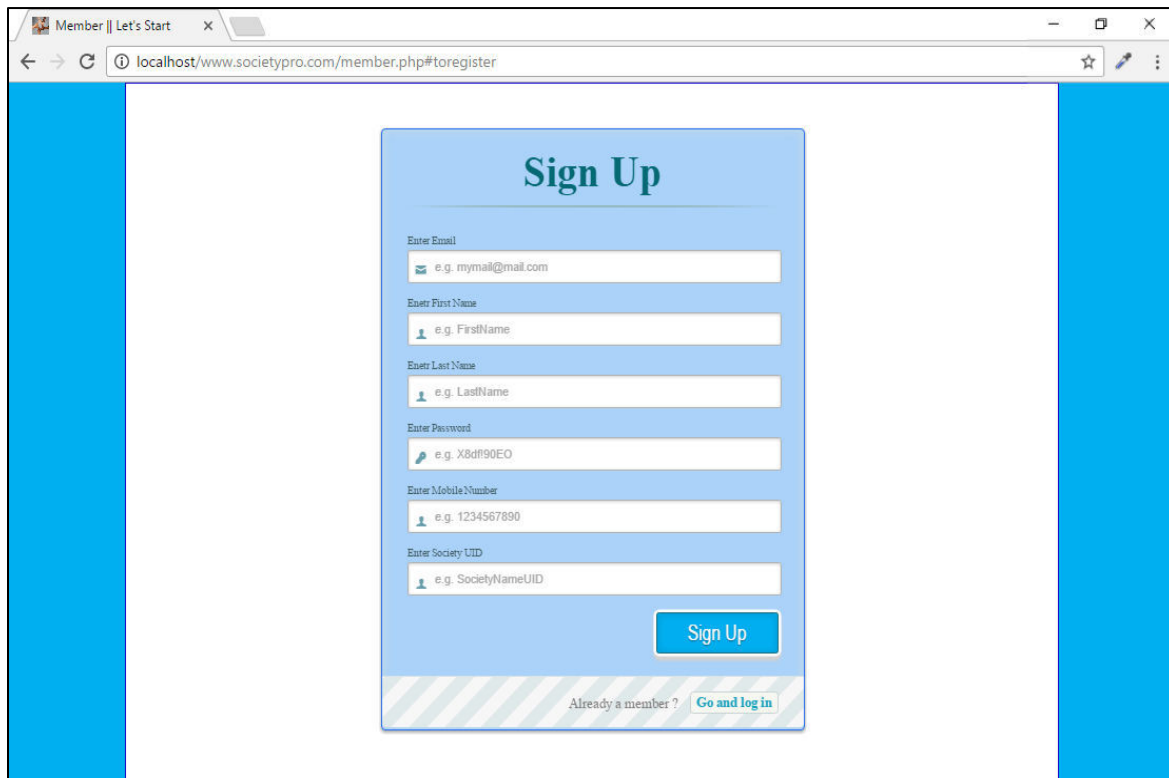
## Secretary Edit Page



The screenshot shows a web browser window with the title "Secretary || Edit". The address bar displays "localhost/www.societypro.com/editsecretary.php?email=yogeshgupta279@gmail.com". The page features a central form titled "Edit Profile" with a blue header. The form is divided into two columns for "Secretary Photo" and "Society Photo", each with a "Choose file" button and "No file chosen" text. Below these are input fields for "First Name" (Yogesh), "Last Name" (Gupta), "Mobile" (8080582109), "Society Name" (Tukaram Bhuvan), and "Society City" (Dombivli). A blue "Update" button is at the bottom.

Edit Profile	
Secretary Photo	Society Photo
 Choose file No file chosen	 Choose file No file chosen
First Name:	Yogesh
Last Name:	Gupta
Mobile:	8080582109
Society Name:	Tukaram Bhuvan
Society City:	Dombivli
Update	

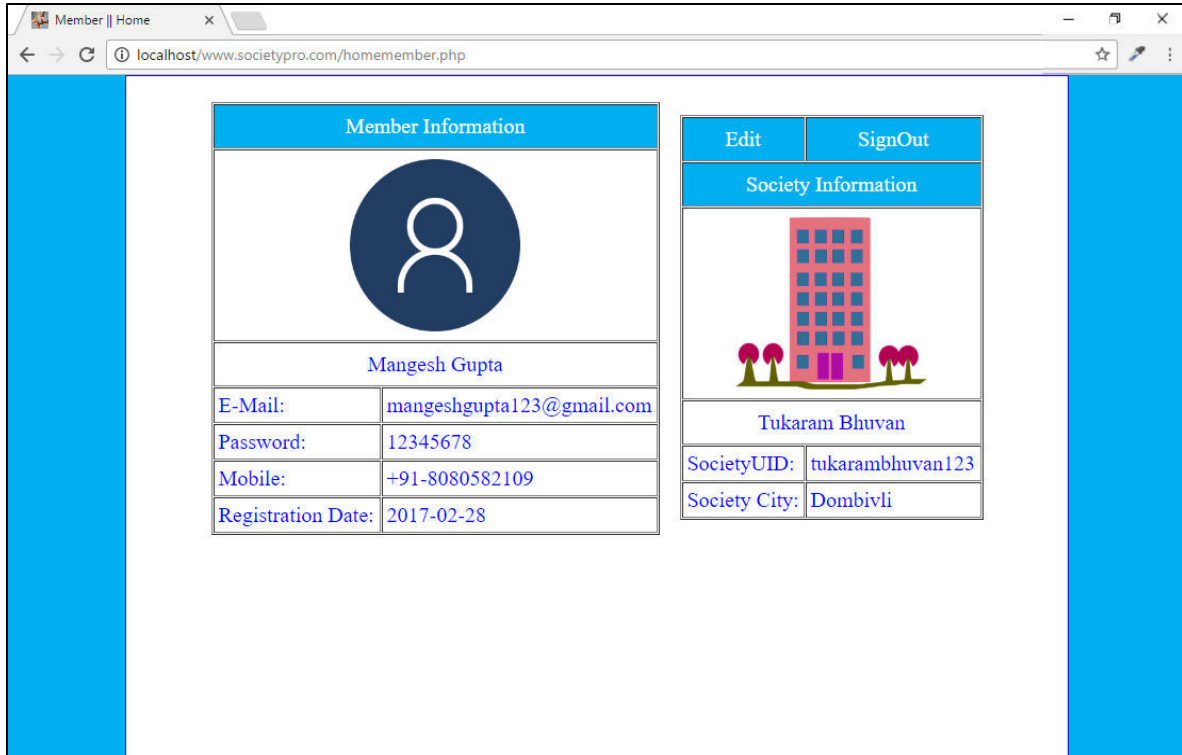
## Member Sign Up Page



The screenshot shows a web browser window with the title "Member || Let's Start". The address bar displays "localhost/www.societypro.com/member.php#toregister". The page features a central form titled "Sign Up" with a blue header. The form contains input fields for "Enter Email" (e.g. mymail@gmail.com), "Enter First Name" (e.g. FirstName), "Enter Last Name" (e.g. LastName), "Enter Password" (e.g. X8df90EO), "Enter Mobile Number" (e.g. 1234567890), and "Enter Society UID" (e.g. SocietyNameUID). A blue "Sign Up" button is at the bottom right. Below the button, there is a link "Already a member? Go and log in".


Sign Up	
Enter Email	e.g. mymail@gmail.com
Enter First Name	e.g. FirstName
Enter Last Name	e.g. LastName
Enter Password	e.g. X8df90EO
Enter Mobile Number	e.g. 1234567890
Enter Society UID	e.g. SocietyNameUID
Sign Up	
Already a member? <a href="#">Go and log in</a>	

## Member Home Page




The screenshot shows a web browser window with the title "Member || Home" and the URL "localhost/www.societypro.com/homemember.php". The page is divided into two main sections: "Member Information" and "Society Information".

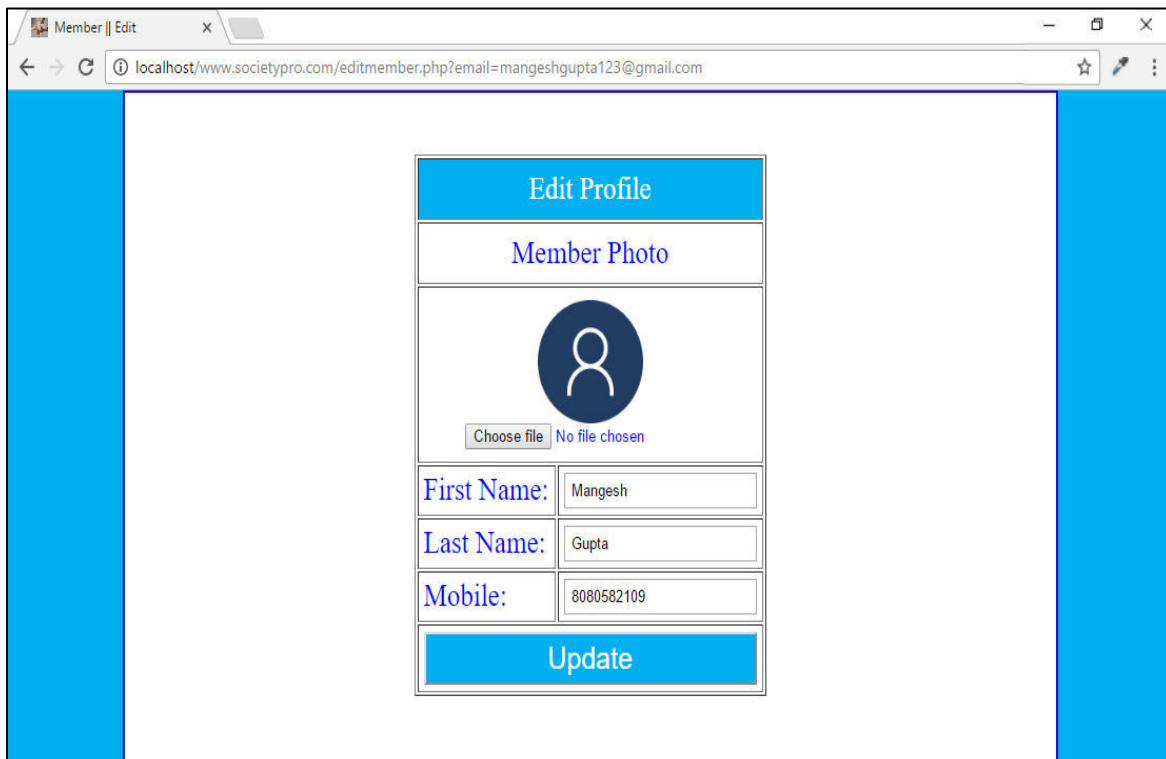
**Member Information**

	
Mangesh Gupta	
E-Mail:	mangeshgupta123@gmail.com
Password:	12345678
Mobile:	+91-8080582109
Registration Date:	2017-02-28

**Society Information**

	
Tukaram Bhuvan	
SocietyUID:	tukarambhuvan123
Society City:	Dombivli


## Member Edit Page



The screenshot shows a web browser window with the title "Member || Edit" and the URL "localhost/www.societypro.com/editmember.php?email=mangeshgupta123@gmail.com". The page is titled "Edit Profile" and contains a "Member Photo" section with a "Choose file" button and "No file chosen" text. Below the photo section are input fields for "First Name", "Last Name", and "Mobile", and an "Update" button.

**Edit Profile**

**Member Photo**

  
Choose file No file chosen

First Name:

Last Name:

Mobile:

# SOFTWARE SPECIFICATION

The Following are some Software Specifications of my project.

- WampServer:
  - The version which I have used is version 3.0.6 which provides
    - PHP Version 5.6.25: It helps to write PHP server side scripts to avail different functionalities
    - Apache Version 2.4.23: It helps to make our local computer to work as a server to validate PHP scripts
    - MySQL Version 5.7.14: It Provides database functionality to make dynamic websites
- Notepad++:
  - The version which I have used is version v7.2.2 which helps to write programming languages in an effective manner some of them which I have written are
    - HTML5: Helps me to develop web pages. It is the main markup language for creating web pages and other information that can be displayed on a web browser.
    - CSS3: Helps me to design the web pages. It is a style sheet language used for

describing the presentation semantics (the look and formatting) of a document written in a markup language.

- JavaScript: Helps me to write client side scripting. It is an interpreted computer programming language. It was originally implemented as part of web browsers so that client-side scripts may interact with the user, control the browser, communicate asynchronously and alter the document content that is displayed
- Google Chrome:
  - The version which I have used is version 56.0.2924.87 which helps me to display my web pages in an effective manner
- VideoScribe:
  - This is basically a animated video making software which helps me to create an animated introduction video for my website

# PROJECT DESCRIPTION

In depth description of this project is as follows:

- It is Society Management System based web application which helps a secretary to manage his or her society very efficiently and professionally.
- To know about Society Pro the user can visit through various tabs like Home, About Us, News, Contacts, Contribute and Terms & Conditions.
- Now, For the first-time visiting user he need to Sign up as a secretary or as a member of the society depending on the post.
- The members are only be registered when there is a society exist whose information is given by the secretary.
- So, for sign up of a member he need to consult to the secretary.
- If both the secretary and the members of the society have registered successfully, the secretary will be able to see the information of the society members.
- Both of them will be able to edit the information of their own.
- The details of society will be shown to both society secretary and society member which will be given by secretary at the time of registration.
- Even the society secretary and society members will be able to upload their own photo as their information to make their profile professional.

# FLOW CHART

The bellow flow chart shows the flow of website which helps in understanding the working of proposed system.

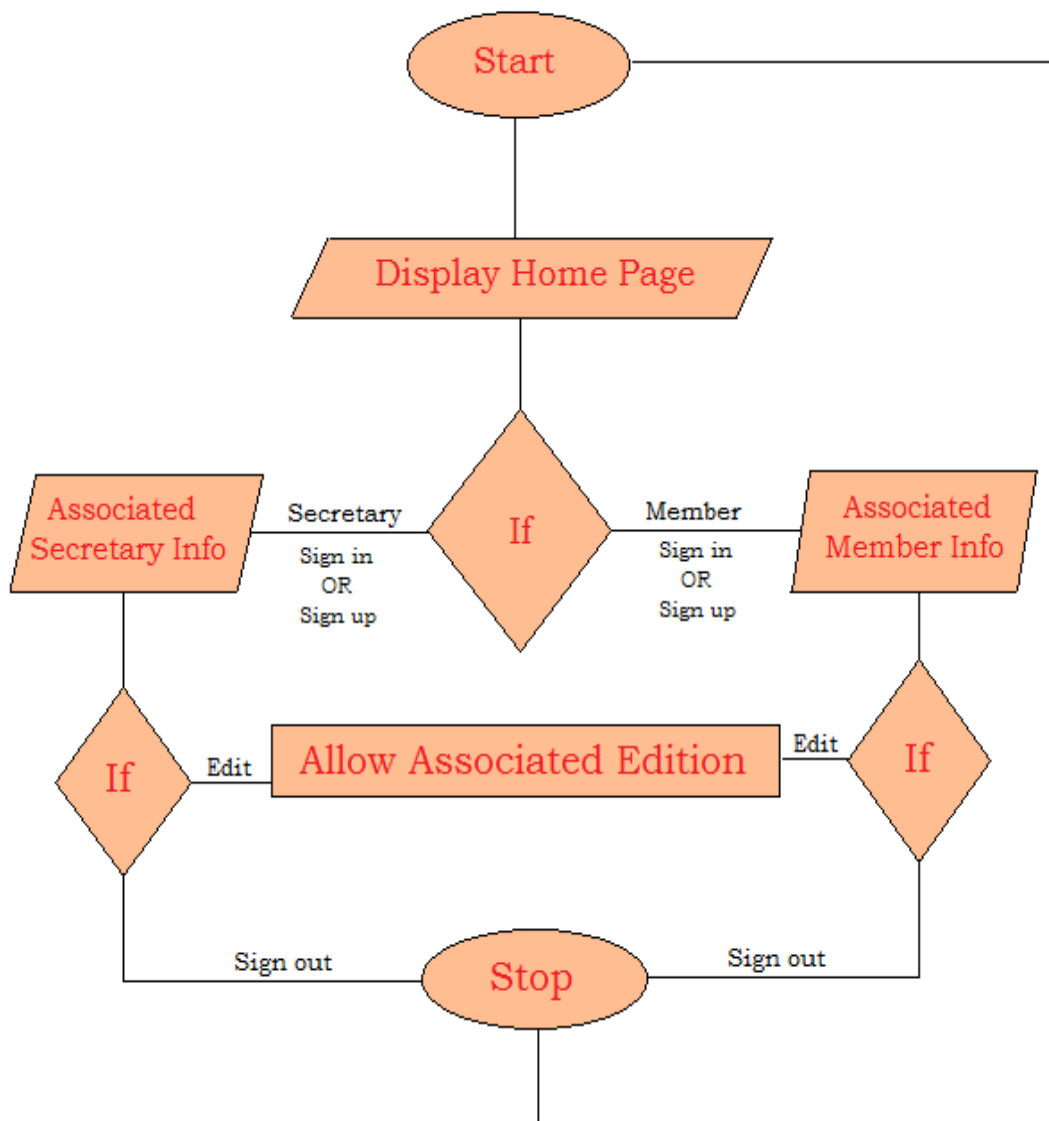


Fig: **Proposed System Flow Chart**

# TESTING METHODOLOGY

Considering the properties each testing methodologies have, I can say I have used the following testing techniques for success development of my project.

These are as follows:

- **White-Box Testing:**

White-box testing is the detailed investigation of internal logic and structure of the code. White-box testing is also called glass testing or open-box testing.

- **Black-Box Testing:**

The technique of testing without having any knowledge of the interior workings of the application is called black-box testing. The tester is oblivious to the system architecture and does not have access to the source code.

- **Integration Testing:**

Integration testing is defined as the testing of combined parts of an application to determine if they function correctly. Integration testing can be done in two ways: Bottom-up integration testing and Top-down integration testing.

- **System Testing:**

System testing tests the system as a whole. Once all the components are integrated, the application as a whole is tested rigorously.



# TECHNOLOGIES USED

For Making this Project I have used the technologies known to me during my course of B.Sc.I.T

These Technologies are as follows:

- **Frontend Development:**

- HTML5 (Hypertext Markup Language Version 5)
- CSS3 (Cascading Style Sheets Version 3)
- JavaScript

- **Backend Development:**

- PHP 5 (Hypertext Preprocessor Version 5)
- MySQL 5 (My SQL - Structured Query Language Version 5)

# LIMITATIONS OF PROPOSED SYSTEM

The list of limitations of this project are quite big as a society has many requirements to be fulfilled.

Considering the functionality provided till now the limitations are as follows:

- Due to consideration of society secretary and society member there is no place for security guard.
- Only the information can be viewed and edited no functionality to edit your email or password.

# FUTURE ENHANCEMENT

Talking about future enhancement, then we have a huge list for it. These will be implemented as the grow of our organization.

Some of them are as follows:

- Providing an online platform for paying maintenance and more.
- Online platform for sending messages as a hole
- Online system for selection of people for different post of the society
- A new job opportunity, Secretary Expert

# HARDWARE REQUIREMENT

For entire development of this website ‘Society Pro’, I have used a highly-configured laptop.

The hardware requirements include the following:

Hardware:

- Toshiba Satellite C50-A I2011
  - Screen Size: 15.6 inches
  - Processor: Intel Core i3 2348M
  - RAM: 4 GB
  - Hard Drive: 640 GB

But, the development of same project can be done with the help of any laptop or pc with less configuration.

# SOFTWARE REQUIREMENT

For entire development of this website 'Society Pro', I have used a highly-configured laptop.

Software Requirements include the following:

Software:

- Windows 10 Pro 64-bit
  - Google Chrome: Version 56.0.2924.87 64-bit
  - Notepad++: Version v7.2.2 32-bit
  - WampServer: Version 3.0.6 64-bit
    - PHP: Version 5.6.25
    - Apache Version: 2.4.23
    - MySQL Version: 5.7.14
- VideoScribe

The same project can only be developed only using the above software with the same version as specified

# BIBLIOGRAPHY

For entire development of this web application Society Pro, I have used some online resources which helped me a lot.

They are as follows:

- **<http://www.freepik.com/>**  
This website helps me to download the template images for my banner on the website.
- **<http://imageslidermaker.com/>**  
This website helps me to create a well satisfactory image slider for my web application.
- **<https://www.befunky.com/>**  
This website helps me to edit my photos as per my requirements.
- **<http://stackoverflow.com/>**  
This website helps me to solve all my queries regarding development of entire project in PHP and MySQL when I stuck
- **Oh My God Project Documentation:**  
The documentation of Oh My God Project gives me a clear idea about documentation of a project which is the reason of successful development of my Project Documentation.