SOCIETY MANAGER

Abstract: Smart City - Everyone has a different point of view for this theme. Some of us want a safe society, some of us want to automate the generic residence work or many of us want a pleasant climate around! Our team has come forward and made an Android application as a solution to above wants. Our application covers the Society / Residence Management, Women Safety, Health And Empowerment, And A Climate Control And Disaster Management Module. We consider this application as an All in One Smart City Working Application for the citizens. The aim of this project is to have a Hassle Free all in one application to help citizens' life their life a better way.

Deciding a smart city application or a smart city module can be a tough choice and debatable at the very same time. Well in order to develop a smart city application we had many concepts in mind, but selecting one from them was a call! Thus we asked our citizens what were their views. In other words, we conducted an online public survey where people selected their opinion. Following is the snapshot of the responses received.(Figure 1.0)
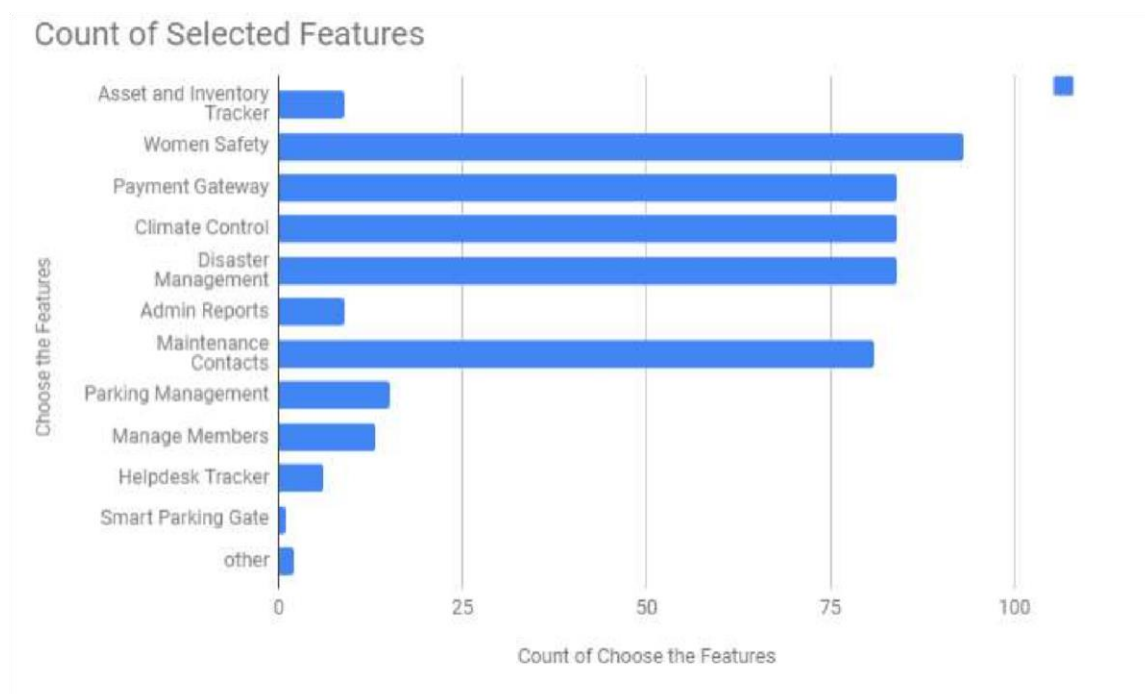

Figure 1.0 : Summary Of Responses Received By Citizens

Thus screening the above responses we came up to having 3 Different modules in our Android Application. Following table represents our developed and integrated modules. (Table 1.0)

Serial Number.	Module Name:
1.	Residence / Society Management And Automation
2.	Women Safety, Health, Education And Empowerment
3.	Climate Control And Disaster Management

(Table 1.0)

Following is the detailed explanation of every module mentioned in Table1.0.

1. RESIDENCE / SOCIETY MANAGEMENT AND AUTOMATION

Why Are People Excited To Have Society Management Software?

The world is progressing towards modernity and people are becoming smarter. Today, the impact of technology in our life is immeasurable and one of the greatest examples of modern technology is Society Management Software which could be the light at the end of the tunnel.

In the present era, the purpose of choosing a residential society is not just limited to living close to essential amenities. Today housing society members demand many more features in their society, they need advanced tools that can meet common goals, save time and money and reduce unnecessary efforts. Society Management Software has all these features and it can tackle the most complex housing society administrative tasks with just a few clicks.

So, let us talk about the benefits of Society management application:

1. Manage administrative tasks effectively

Ideal for use by society managing committee groups, society management software keeps a track of all the society's billings and keeps a check on the society members, such as tracking members who have not paid their maintenance dues etc. It manages the data of tenants and owners and records the data of visitors who enter the apartment complex during the day. Thus, today people are excited about comprehensive housing society management software – to ensure that society administrative tasks are managed effectively and to get rid of complex paperwork and manual accounting tasks.

2. Reach maximum people at the same time

Society Management Software is the prominent need of our modern and enormous societies. It helps to reach maximum people at the same time and reduces the effort of physically reaching out to members.

It is difficult to keep a track of each family living within a society and record the information manually in spreadsheets. In this case, society management software helps maintain the details of owners and tenants living in the apartment complex. If you want to reach out to any member at any given time, members can be contacted easily via the society management app and thus communication is just a click away.

Instead of reaching out to people for financial dues reminders, people prefer society management software to help keep a track of members who have not cleared their dues. Emails can be sent to the defaulters using the directory itself. The treasurer can also send SMS to members from the directory itself. All this makes reaching out to members much easier and helps arrange things in a systematic manner, better than what spreadsheets do.

3. Deployed As An Android Application And Website At the Same Time

Society management application is easy to use, well it is targeted as an android application which can be easily downloaded and installed. At the very same time, the presence of our society manager WEBSITE makes it easy for users to access it with a freedom of device.

4. Easy to use! No technical knowledge required

Society management software is easy to use and does not demand any specific technical knowledge to utilize its features and functionalities. It is similar to using an application on your smartphone.

5. No need to appoint separate people

Most importantly, society needn't appoint separate people for operating society tasks. Tracking incomes and expenses and raising utility bills in the society is a matter of a few clicks with society management software. The tasks can be easily divided between society members who want to act as volunteers.

Why People Want's it?

In a nutshell, people don't want to spend their precious time in society management as it a time-consuming process. And below features make it worth buying.

- It's a society accounting software (helps manage society billing and society accounting)

- Integrated member management system which allows community collaboration. Payment reminders through email and Notifications can be sent to members

- Secured and Login-Based Access Control

- Helps manage user accounts of owners, tenants and staff effectively

- Easy to access member information and past records

- Data Privacy

- Ensures that the society meets statutory obligations

- Identification and registration of society visitors, automated entries for repeated visitors

- Saves members from the hassles of managing transactions manually. ☐ Trouble-Free Electronic Bill Payments for members

2. Women SAFETY, HEALTH, EDUCATION AND EMPOWERMENT

GirlGuide - Women SAFETY, HEALTH, EDUCATION AND EMPOWERMENT Application – Firstly to begin with, GirlGuide, Application designed by us was awarded the 1st position at GirlScript Summit Hackathon 2017 at Ahmedabad on a national level. This particular module is a fully functional system, which has many features in it. Initially, the person intending to use this application has to register using her email id, after which she will be able to use the application. Once the person has registered, she will be getting the access to all functionality provided by us. The main features of the app are as follows:

1. LIVE CHAT: In this section, we get a chat room where the person who has registered in the app can only contact to each other. Here we can see each other's profile pic as well as last seen i.e. the last time the person has used this chat. Various emotions are available to express feelings in a more lively manner is possible. Thus, using the chat option the users can stay in contact with each other.

2. USERS LIST: The next section is the users' list. Here we will get to know who all are connected to the user. Consider if a person who has not talked but they have exchanged each other's email id or number are available on this list.

3. MENSTRUAL CALENDAR: Menstrual calendar is the important part of this app. The biggest problem in a woman's life is her menstrual cycle. Using this application one can see the prediction of her next month's date, when she can expect her period. This prediction is made by calculating the Luteal Phase Days and Duration of her periods.

4. MICRO LOAN: This is another important aspect of this section. Consider a poor / needy lady wants a to startup an small business or needs money in order to complete her education, we assure most of the banks or money lenders do not provide loan without surety. Thus this provides a platform where she can fill-in a small form after which the name and urgency of money would be flashed to all other users using the application. Thus, getting the right person help her.

5. NGO HELP: This part of the application provides a list of various NGO's working for safety and protection of women. Here a user can simply donate or get information about the NGO by a simple click!

6. REALTIME LOCATION TRACKING: One of the most important parts of a safety application is location tracking. Many of the applications in market provide past locations which are not of much use in case of emergency. Our application provides a Real-time Location Tracking of the user which will be available to the other end which could be a family member or a friend.

7. Deployed As An Android Application And Website At the Same Time

Society management application is easy to use, well it is targeted as an android application which can be easily downloaded and installed. At the very same time, the presence of our society manager WEBSITE makes it easy for users to access it with a freedom of device.

3. Climate Control and Disaster Management

ClimaCon - Climate Control and Disaster Management Application is a module that allows a smooth communication between citizens and Nation's Meteorological Department. Many a times the Meteorological department gets information about the disaster or calamities. Thus, with the help of this application the Meteorological Department will get direct connection with users, which in turn helps people, be safe before time.

Following Are The Application Features:

- Live Weather With User's Location

- Direct Notification to users in case of emergency

- Provide And Get Shelter :

    o Many a times only some selected areas are affected in a particular area. In such a case feature is of a great use! Everyone who are in the safe area and who wish to provide shelter or help people caught by a calamity can enter their details like Name, Address and Phone Number. After a successful submission, these details will be available for users who are looking for nearby help.

- Climate Control Function :

    o In this function the user will be entering his latest PUC (Pollution under Control) Certificate details for his vehicles. All the emission values mentioned by user will computed and will be sent to the admin (Meteorological Department). After which they can analyze and send notifications to selected users regarding their high Carbon Emissions.

All the above mentioned modules and functionalities are well integrated and deployed with purpose matching User Interfaces and optimized to work best in the mentioned systems.