



## Design and Development of Site to Create Awareness to Social Problem

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Sagar Bank, Nakshatra Joshi and Vivek Chaurasiya

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# DESIGN AND DEVELOPMENT OF SITE TO CREATE AWARENESS TO SOCIAL PROBLEM

Sagar Bank  
*Department of Electronics and  
Telecommunication Engineering*  
Thakur College of Engineering and  
Technology  
Mumbai, India  
sagarbank74@gmail.com

Nakshatra Joshi  
*Department of Electronics and  
Telecommunication Engineering*  
Thakur College of Engineering and  
Technology  
Mumbai, India  
nakshjoshi19@gmail.com

Vivek Chaurasiya  
*Department of Electronics and  
Telecommunication Engineering*  
Thakur College of Engineering and  
Technology  
Mumbai, India  
vivekch90@gmail.com

**Abstract—** An attractive site, which has rich and updated visual design which will attract more people and it can relate to them even they are not so aware about technology (self-involvement) or those who are willing to enroll their parents or relative via the pictures and vector images. we will appropriately guide them till the solution. tried to integrate as many things as possible so they can get most benefits through our site and they don't have to search on other site. Take their feedbacks and other reviews so we can improvise and enhance ourselves in a better presentable manner. The main motive of the project is to reach as many as needy people who are not near to their parents due to some circumstances and help them. It is also a platform where you can help them in various respect such as donation, availing services to them, Volunteering. It also gives recognition to the newly made organization to meet with the consumers

**Keywords—** Database, Firebase, Full stack web, JavaScript, Web application, UI.

## INTRODUCTION

The site is trying to create a page where the user can enroll themselves to get to know about various types of facilities which will help them to tract and know about their parents condition as well as according to the packages services like providing grocery, cleaning, repairing, monitoring on the health and supplying to their belonging.

The site will provide different program for the old people so they will be enjoying as well as it will be beneficial for them. This all activities on site will be coordinated with our partners and volunteer. We will provide career opportunities to other people which will give some boost to employment

We will make an attractive site, which has rich and updated visual design which will attract more people and it can relate to them even they are not so aware about technology (self-involvement) or those who are willing to enroll their parents or **relative via the**

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## PROBLEM DEFINITION

Old age people facing many problems to perform the daily course, when their children are not with them or old couples who don't have any child. They need a little help to perform small task like changing fans, repairing tap or calling a electrician and many such work.

## MOTIVATION

This project can be one of the most successful and helpful for the society. Students those who want to go abroad for higher studies or those who are doing jobs, goes out of town/ abroad can go without any worry about their parents behind, also this site will be helping to Old age houses, which registers themselves on the site, will get the services on the basis of their plans which they had opt for. The volunteers will be selected from the locality of the old person so that the help can be reached to that person as soon as possible. As a result of which the source of income can be generated on small scale initially

Social Problems -The position and status of the aged individuals have been undetermined by transformations in the cultures, values and overall living conditions of the individuals. In the present existence, technology has gained grounds and individuals belonging to all age groups, categories and backgrounds are making use of technology in carrying out their tasks and functions. The elderly individuals are not usually aware of usage of technology, they may just speak on the phone, watch television or listen to music and religious beliefs on radio or on their mobile phones.

Financial problems - The financial status of the aged people is directly connected with their financial independence. With the disintegration of the joint family system and the emergence of nuclear family system, the aged people prefer to live by themselves and manage all their finances.

Medical and Health Care – With aging, individuals experience health problems and illnesses. They need regular medical check-ups, they are required to take their medicines and in case of other health problems are even required to undergo medical treatment.

Management of Household – The management of the household is a difficult task. There are numerous areas that need to be taken into consideration, these include, cleaning, washing, preparation of meals, gardening, taking care of electricity, water and other civic amenities and so forth.

Other Causes – Aged people usually possess strong religious beliefs and take pleasure in making visits to religious places. When they do not experience any economic problems and feel financially secure, they may plan their visits to religious places, even to other cities. On the other hand, when they experience economic problems, they are unable to plan visits to other places. In such cases, they usually visit temples that are located nearby their homes. Means of transportation, diet and nutrition, equipment, tools and other materials that they need to use can be purchased, only when a person is financially secure.

Depression – The elderly individuals do feel despondent and downhearted at times. But when these feelings remain within them for a long period, then it is referred to as depression. Among the aged people, depression is more prevalent as compared to the youth and the middle aged people.

This problems in the life of aged people lead us to think and motivated us to make technical use to give solution to this problem and make their life better .

## LITERATURE SURVEY

The position and status of the aged individuals have been undermined by transformations in the cultures, values and overall living conditions of the individuals. In the present existence, technology has gained grounds and individuals belonging to all age groups, categories and backgrounds are making use of technology in carrying out their tasks and functions. The elderly individuals are not usually aware of usage of technology, they may just speak on the phone, watch television or listen to music and religious beliefs on radio or on their mobile phones.

- ▶ Financial problems - The financial status of the aged people is directly connected with their financial independence. With the disintegration of the joint family system and the emergence of nuclear family system, the aged people prefer to live by themselves and manage all their finances.
- ▶ Medical and Health Care – With aging, individuals experience health problems and illnesses. They need regular medical check-ups, they are required to take their medicines and in case of other health problems are even required to undergo medical treatment.
- ▶ Management of Household – The management of the household is a difficult task. There are numerous areas that need to be taken into consideration, these include, cleaning, washing, preparation of meals, gardening, taking care of electricity, water and other civic amenities and so forth.
- ▶ Other Causes – Aged people usually possess strong religious beliefs and take pleasure in making visits to religious places. When they do not experience any economic problems and feel financially secure, they may plan their visits to religious places, even to other cities. On the other hand, when they experience economic problems, they are unable to plan visits to other places. In such cases, they usually visit temples that are located nearby their homes. Means of transportation, diet and nutrition, equipment, tools and other materials that they need to use can be purchased, only when a person is financially secure.
- ▶ Depression – The elderly individuals do feel despondent and downhearted at times. But when these feelings remain within them for a long period, then it is referred to as depression. Among the aged people, depression is more prevalent as compared to the youth and the middle aged people

## PROPOSED DESIGN

We built the website with the help of wix. As it was time convenient and user friendly. The proposed design is

based on minimalist approach to UI/UX. The front end is designed in such a manner that users won't face any kind of difficulty in locating the options. The proposed system uses features of React JS library that are open source.

It incorporates CSS design and Material UI features to provide aesthetic to the web application. While the project will be designed on free cloud storage that is offered by Firebase but to convert it into large-scale, a client will be required to purchase the cloud storage as per cost determined by Firebase Inc. As the number of users increase, the amount of data to be stored, processed and update will increase tremendously. Hence major chunk of cost involved in project will be purchase of cloud storage.

The basic approach was to design the front end in such a manner that it supports good UI/UX simply by help of open source technology. The cost of project increases when length of code increases i.e. human resource utilization is more. This was taken care by using React JS library that reduces the length of code and still supports development of powerful dynamic web applications. ReactJS being open source further eliminates the cost of production and design. It uses CSS based on Material UI to give aesthetic UI to the user.

The major objectives involved in project planning are listed as follows -

- i. The front end should be designed in a minimalistic approach such that database can be designed on basis of that without doing any kind of alteration in front view.
- ii. The front view should be based on open-source tools hence only human resource cost should be involved in development.
- iii. The front end should be efficient to handle user interaction with backend.

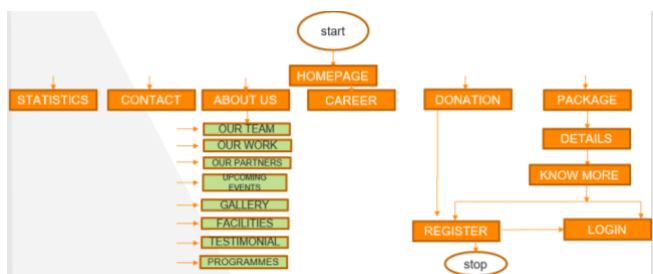


Figure 1. Data flow diagram

## RESULT & DISCUSSIONS

1) Vruddhaseva provides good medical facility to ones parents who are willing to take care even if they are out of town .

2) It gives good home service for the old parents who are unable to do the stuff .

3) It include technology to take care and to get regular update to their guardians . Technology such as AI ML and wireless communication based technology to know situation of parents at every seconds.

4) vruddhaseva is all in one caring and nurturing your parents to live their old phase of life at fullest .

5) Get login to our website to and you can give feedback and complaints that is required to make our company more concern and give bests service ..

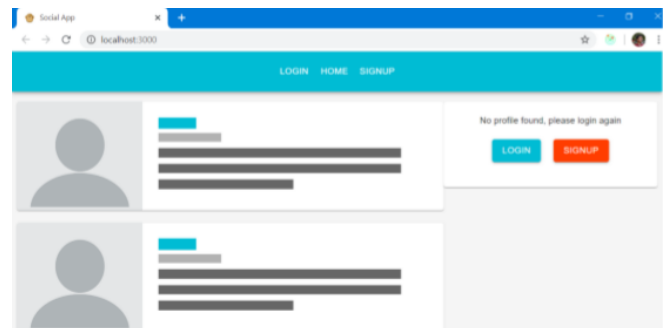


Figure 2. Home Page

The Home Page shown in figure 2, is the default page of the web application. It will show various user profiles registered on the social web as well as their latest post. It will also provide direct login and signup option.

The next webpage is Signup page. It's the first page with which user interaction begins. Every new user will be required to provide data such as email, password and a handle. These will be basic credentials which will be used for authentications at later stage. While developing this page we have taken special care of checking validity of email address provided by user. Our code checks whether the email address give as input by user matches the standard email format or not. The Signup process is deemed successful only when email is correct and input of password and confirm password matches with each other. While these things can't be demonstrated just at this stage but keeping database design in mind, we have already created provision for that in our front-end code.

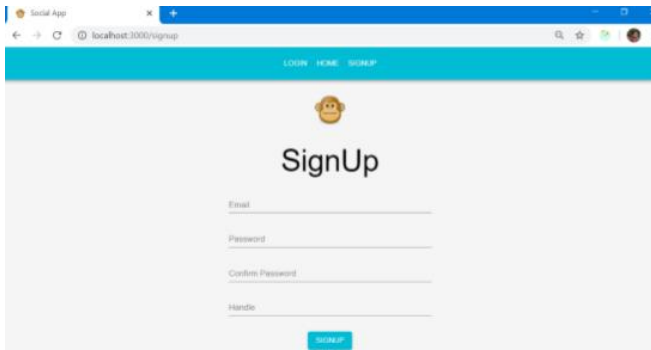


Figure 3. Signup Page

The next web page that we have created is Login page. It will act as an intermediate between authentication and user data layer. The access to profile is granted only if user enters the correct credentials.

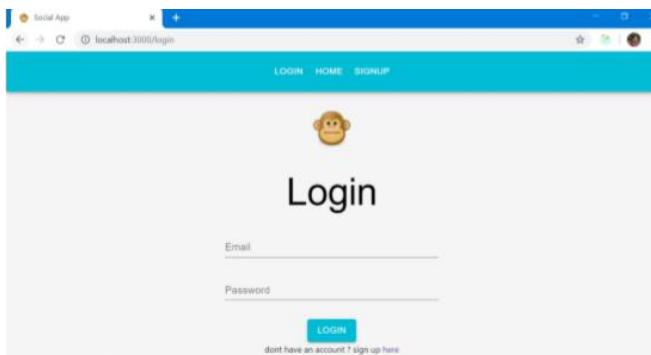


Figure 4. Login Page

It will be supported by authentication method from firebase database which will ensure data security. We have used firebase security so that features like login using Facebook, Twitter or via OTP can also be added in future. Firebase cloud database will provide a efficient authentication layer to ensure security.

### SCOPE OF PROJECT

The Project which is developed can be one of the most successful and helpful for the society. Students those who want to go abroad for higher studies or those who are doing jobs, goes out of town/ abroad can go without any worry about their parents behind, also this site will be helping to Old age houses, which registers themselves on the site, will get the services on the basis of their plans which they had opt for. The volunteers will be selected from the locality of the old person so that the help can be reached to that person as soon as possible. As a result of which the source of income can be generated on small scale initially

### CONCLUSION

Parents do lots of sacrifices for their child to achieve success and fulfill every demand that is demanded by their child . So it's time to pay your parents at some limit . But unable to do so as you are away from your

parents due to job, bussiness etc. then Vruddhaseva team is like your other brother who also want to do seva/sevice of your parents in more advance way so that you think that your are with your parents and paying back some of their sacrifices .

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To know about the laws about elderly people in India
- V. [www.canva.com](http://www.canva.com)  
To create our logo and various editing of our page.