Synopsis for Online Medical Platform (Lifecare)

Group no -: G 42

Online Medical Platform (Lifecare)

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CONTENT:

1. Absract :

1.1 What is LifeCare ?

This project underwent development solely for one purpose and that is to **Prevent Epidemic Rebound.** At LifeCare, we care about people and we always try our best to keep you update to latest health related news, you can contact your doctor sitting at home, track your surroundings for COVID numbers.

Services provided by us -

1.1.1 Medical And Health News -

In this service, we provide Medical and Health related news from WHO and other genuine sources so that you and the people that matters to you can be safe from any future pandemic and as a whole, benefit the whole society.

1.1.2 COVID Tracking –

Now that COVID has been spread already, we should take necessary protection you can take so that you can become immune to it.

1.1.3 Online Doctor Consultation –

At the comfort of your home, now you can consult any doctors near you or far from you so that you don't have to go outside your home in these pandemic situations. We provide high quality video calls to help you with this.

2. Introduction :

LifeCare is a site about People. We provide various services to help people be healthy, and as the proverb goes '**Health is Wealth**'. This project specializes in the field of Web Development.

2.1 Technology Used:

This is a Web Dev project and the technologies used are as follows :

FrontEnd: HTML, CSS, Js. jQuery, Bootstrap

BackEnd: PHP, MySQL , NodeJs

3. Feasibility Study:

3.1 Problem Statement :

Keeping the current scenario in mind, we are still feeling the wrath of COVID-19 and it has created a situation where people are scared just to go out and consult doctors even when their health are deteriorating.

People are even scared to go out and buy medicines. Some people are just too busy to go to a doctor and wait in long queues for an appointment.And during this pandemic we now knew surely that people are aware o technology and use it. They are not a layman anymore and can adapt to change.

3.2 Why do we need this Project ? -

In our project people can book an appointment with a doctor nearby him/her or even at distance and can have a high-quality video chat with him/her. This takes care of any physical meeting or waiting in queues at a doctor's premises for hours, or just to travel to his/her premises.

Also to prevent this in the coming future, our platform also informs the user about the ongoing outbreaks in different areas and other diseases that may be spreading at a fast rate.Our platform tackle this by providing alerts and proper precautions that one may take so that he/she is immune from it.

4. Objectives:

'Prevent Epidemic Rebound', and we do it by providing –

4.1 Medical And Health News -

In this service, we provide Medical and Health related news from WHO and other genuine sources so that you and the people that matters to you can be safe from any future pandemic and as a whole, benefit the whole society.

4.2 COVID Tracking –

Now that COVID has been spread already, we should take necessary protection you can take so that you can become immune to it.

4.2 Online Doctor Consultation –

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5. Technology Used -

5.1 HTML:

HTML stands for Hyper Text Markup Language. It is the standard markup language for creating Web pages

5.2 CSS:

Stands for "Cascading Style Sheet." Cascading style sheets are used to format the layout of Web pages. They can be used to define text styles, table sizes, and other aspects of Web pages that previously could only be defined in a page's HTML.

5.3 JavaScript:

JavaScript is a text-based programming language used both on the client-side and server-side that allows you to make web pages interactive. It gives web pages interactive elements that engage a user.

5.4 PHP:

The PHP Hypertext Preprocessor (PHP) is a programming language that allows web developers to create dynamic content that interacts with databases.
PHP is basically used for developing web based software applications.

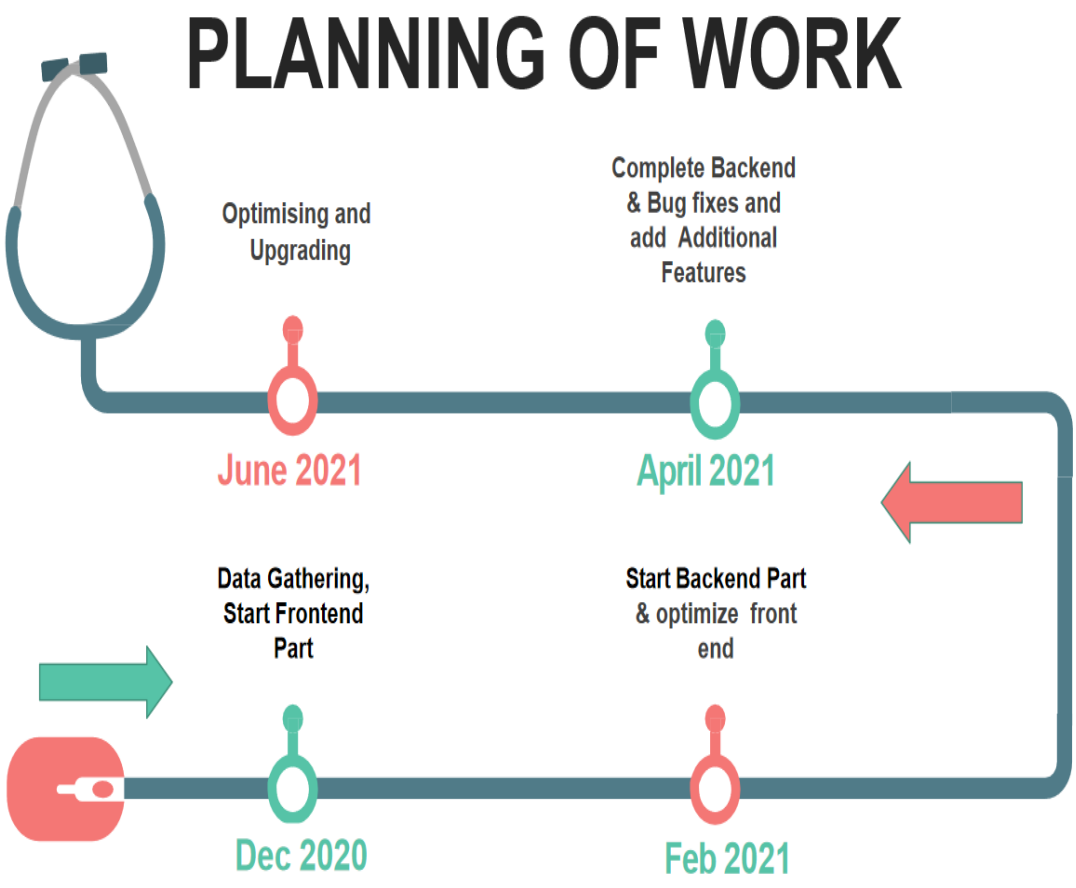
5.5 MySQL :

MySQL is one of the best RDBMS being used for developing various web-based software applications. MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company.

5.6 NodeJs :

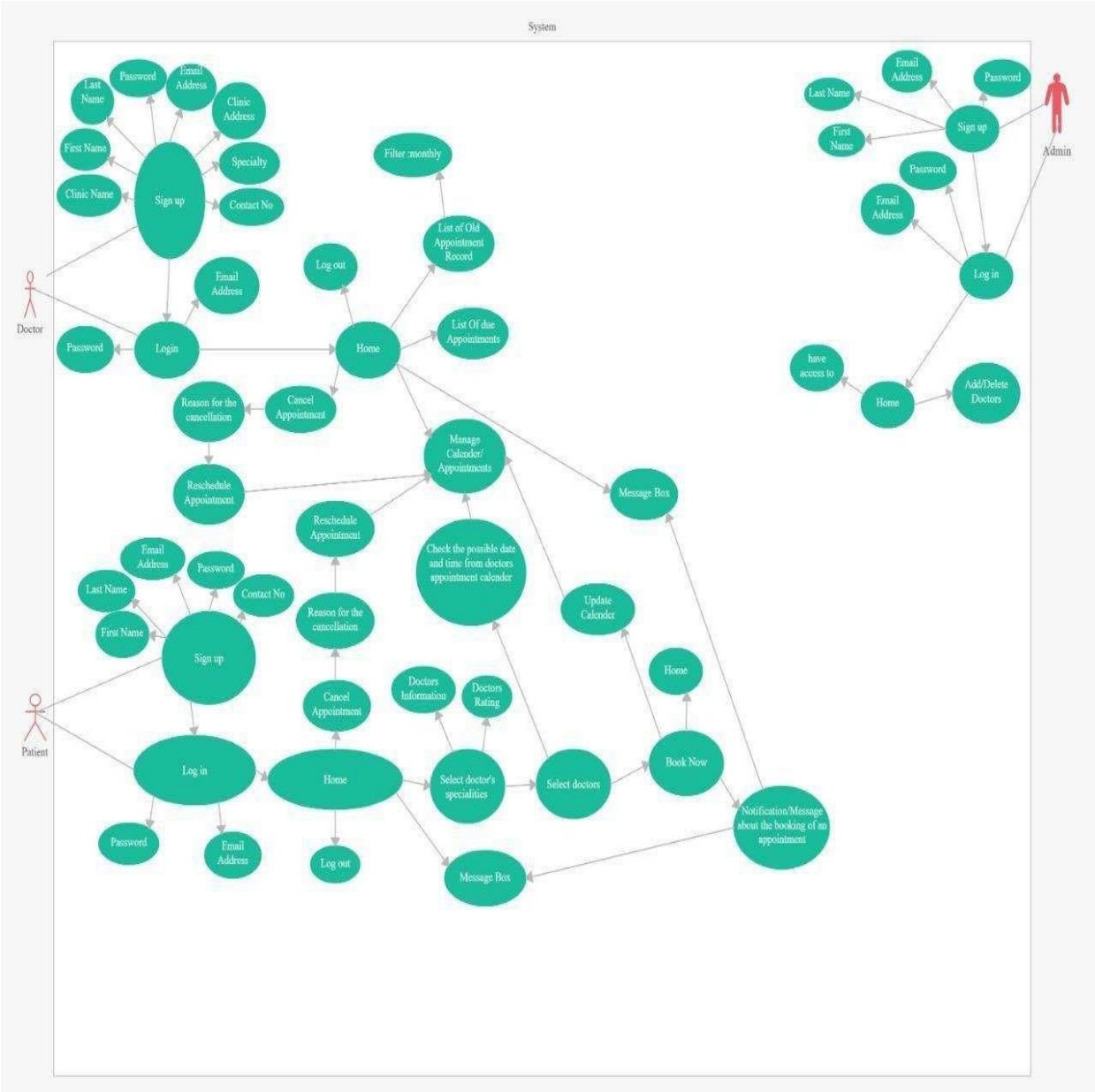
Node.js is an open source, cross-platform runtime environment for developing server- side and networking applications.

6. Planning of Work :

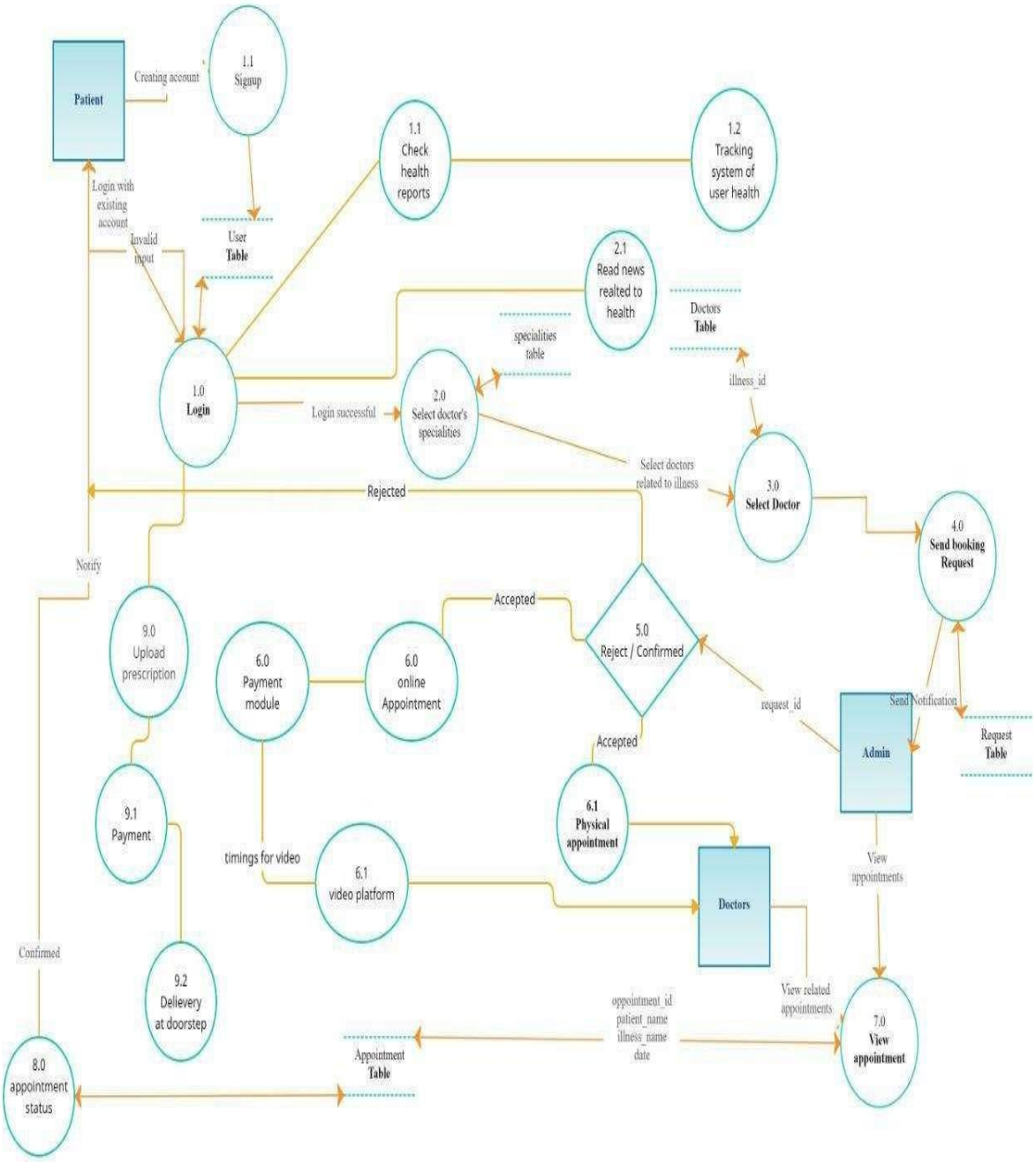


7. Results till Date :

7.1 USE-CASE DIAGRAM :

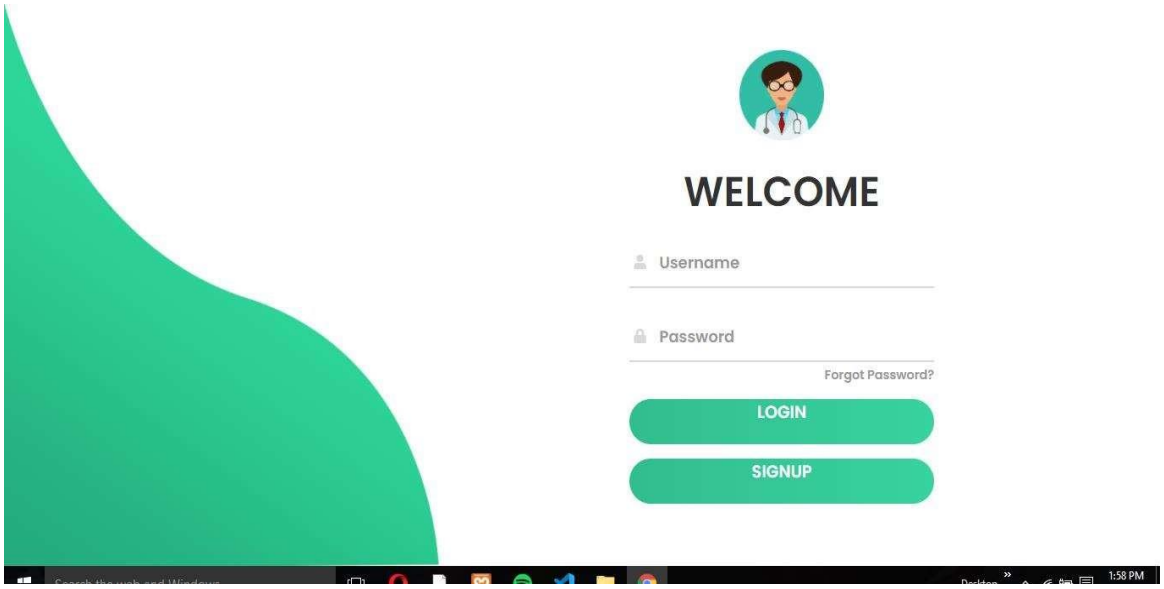


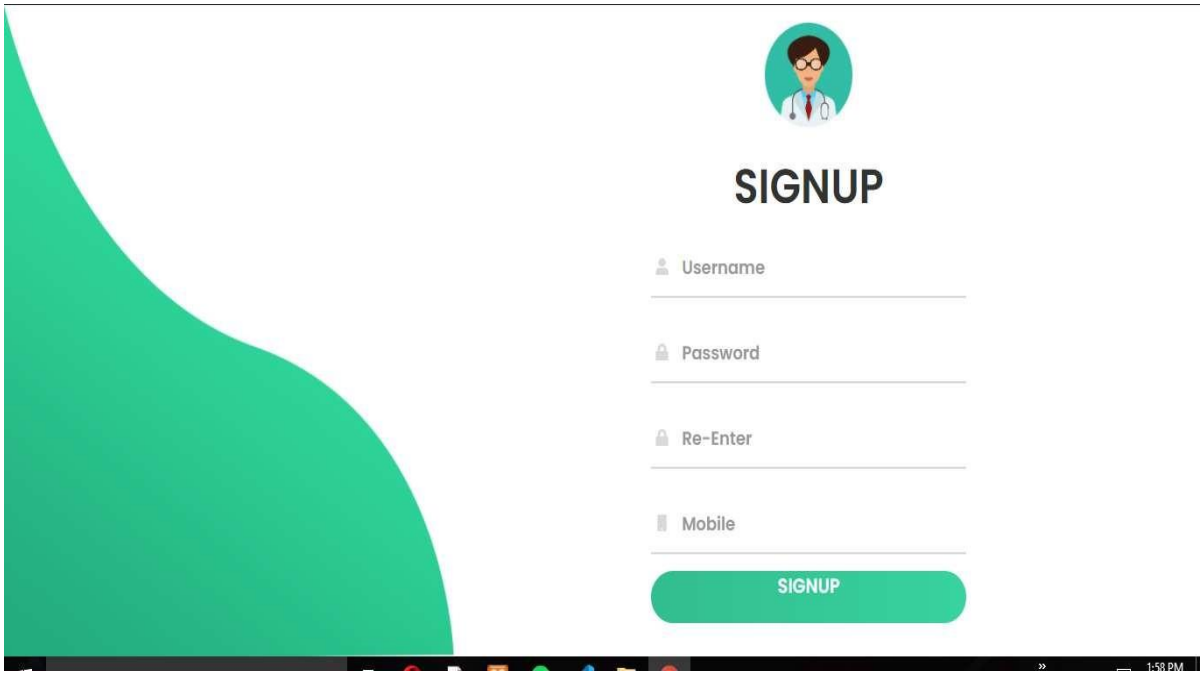
7.2 DATA-FLOW DIAGRAM:

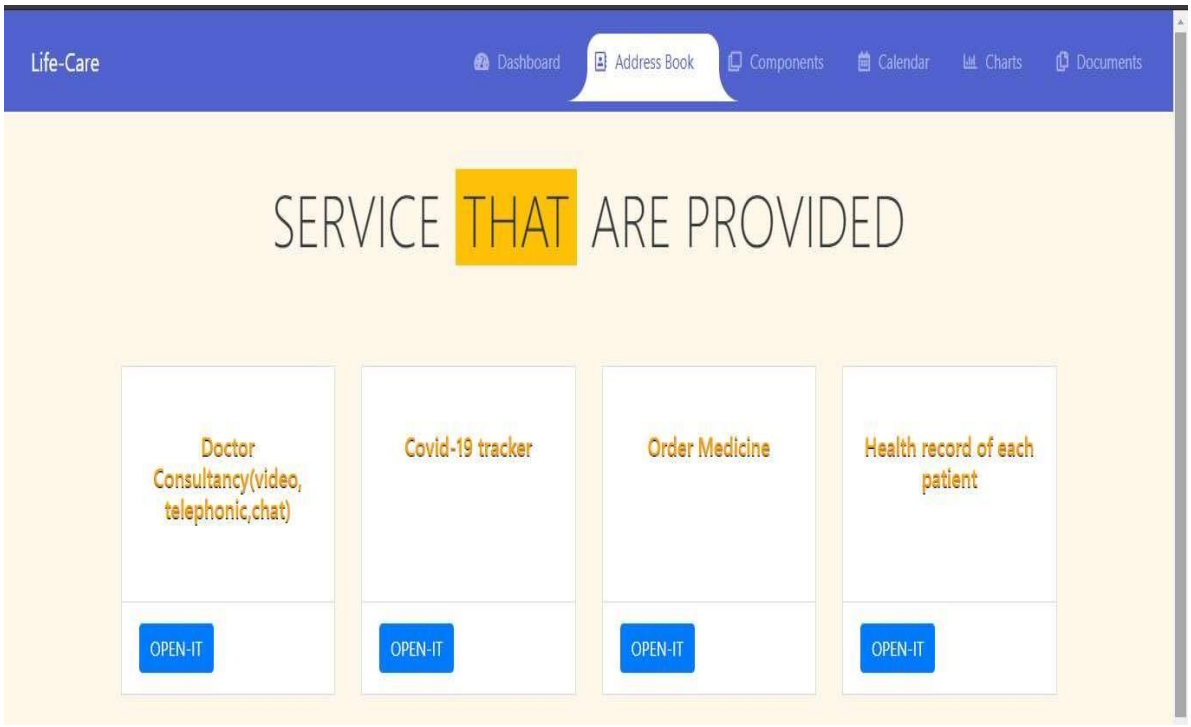


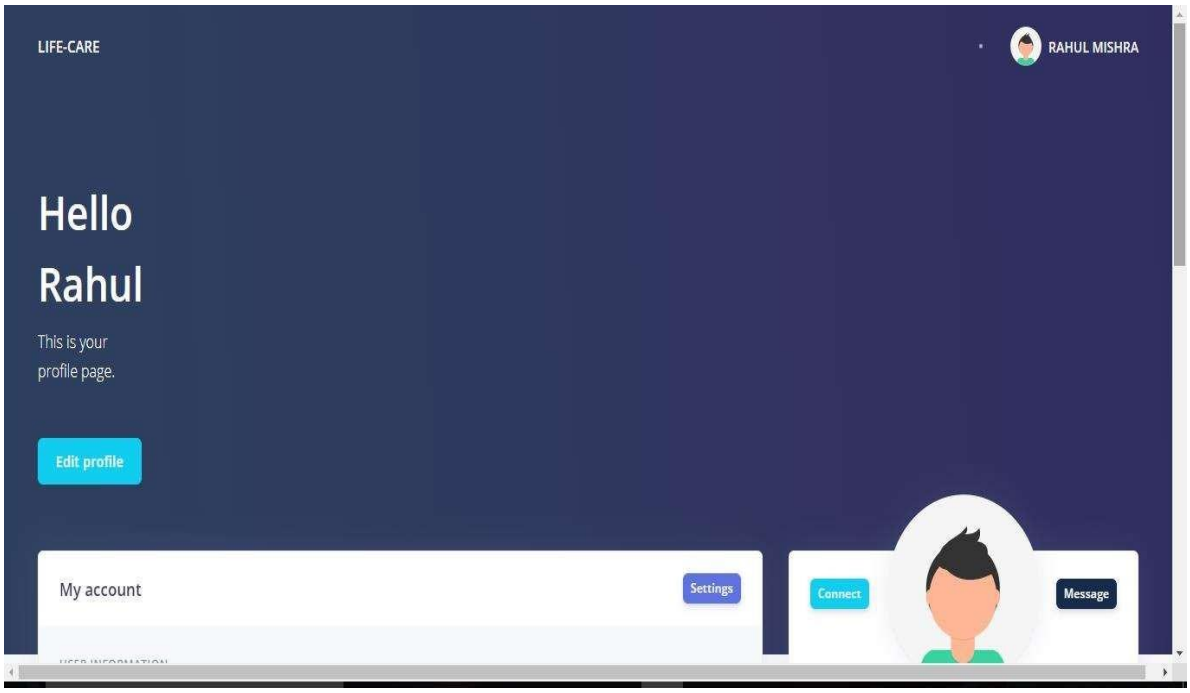
8. Result till date.

8.1 MAIN-PAGE:




SIGNUP
Username
Password
Re-Enter
Mobile
SIGNUP


Life-Care
Dashboard
Address Book
Components
Calendar
Charts
Documents
SERVICE THAT ARE PROVIDED
Doctor Consultancy(video, telephonic,chat)
Covid-19 tracker
Order Medicine
Health record of each patient
OPEN-IT
OPEN-IT
OPEN-IT
OPEN-IT


LIFE-CARE
RAHUL MISHRA
Hello
Rahul
This is your
profile page.
Edit profile
My account
Settings
Connect
Message

9. References

[1] https://www.php.net/docs.php/

[2] https://dev.mysql.com/doc/

[3] https://stripe.com/docs/

[4] https://nodejs.org/en/docs/guides/

[5] https://nodejs.org/dist/latest-v14.x/docs/api/

[6] https://www.w3schools.com/html/html_intro.asp

[7] https://www.w3schools.com/css/default.asp

[8] https://www.w3schools.com/js/default.asp

[9] https://code.visualstudio.com/docs/nodejs/nodejs-tutorial

[10] https://developer.mozilla.org/en-US/docs/Web/JavaScript

[11] https://www.w3schools.com/bootstrap/bootstrap_ver.Asp

[12] https://stripe.com/docs/stripe-js

[13] https://www.sitepoint.com/webrtc-video-chat-application-simplewebrtc

[14] https://pusher.com/tutorials/webrtc-video-call-app-nodejs

[15] https://www.w3schools.com/css/css_rwd_intro.asp

[16] https://www.w3schools.com/css/css_grid.asp

[17] https://www.w3schools.com/php/DEFAULT.asp

[18] https://www.w3schools.com/sql/default.asp

[19] https://www.w3schools.com/sql/default.asp

[20] https://getbootstrap.com/docs/4.1/getting-started/introduction/