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To create a website to help people with disability or Alzheimers. (Alzheimer's Aid)

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Abstract — In today's modern times, although human is leading in all of the domains of life, there's still need of enlarging the use of modern technologies to help needy people or the people with disability so that they can be helped by people with the help of leading modern technologies like google, GPS tracking system.
It is really necessary to help alzheimers than to trat them. Hence, we introduce an website help Alzheimers. This is user-friendly website, in which the helper and the Alzheimer both can login so that helper can get the right information about the Alzheimer and it can lead the Alzheimer to reach at his/her right habitat/location by using GPS tracking technology. Scanning the specific QR code given to particular Alzheimer will lead to the right information about that particular Alzheimer, which is stored safely stored in the database created by ourselves. The domains of this project are healthcare and cyber security.
The tools used are: Visual Studio Code, GPS tracking system

Keywords — *Website, Design ,Layout, GPS Tracker,*

I. INTRODUCTION

Alzheimer's disease is a degenerative disorder which slowly leads to memory loss in a person. It damages the brain tissues and is a form of dementia. It ultimately damages the human brain.
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It occurs in the later years of life and is seen in middle-aged and older people at the late 65s. There is no such cure to this disease, but medication often helps to improve the condition. There is no such cure to this disease, but medication often helps to improve the condition. Alzheimer's reduce the ability of thinking and reasoning considerably, and the person fails to make decisions or proper judgements. As the disease progresses, the patient often forgets to perform familiar tasks or even the basic tasks like bathing or dressing.

This disease can't be ignored, it is necessary to help the people suffering from Alzheimer's disease. Hence, we introduce a website help Alzheimers. This is user-friendly website, in which the helper and the Alzheimer both can login so that helper can get the right information about the Alzheimer and it can lead the Alzheimer to reach at his/her right habitat/location. Scanning the specific QR code given to particular Alzheimer will lead to the right information about that particular Alzheimer, which is stored safely stored in the database created by ourselves. The domains of this project are healthcare and cyber security.

Literature Review

A research is done on the people suffering from alzheimer's disease to gain more information about their life. Needs of a alzheimer are collected and understood. Website is created by html language and then CSS is attached to it to make the website user-friendly and attractive. Login page is made separately where user can enter credentials and log in to the server. GPS tracking system is attached to the source code off the main website to detect the correct location of an Alzheimer. Location based services is a GPS (Global Positioning System) which will provide accurate information with respect to the location.

II. METHODOLOGY/EXPERIMENTAL

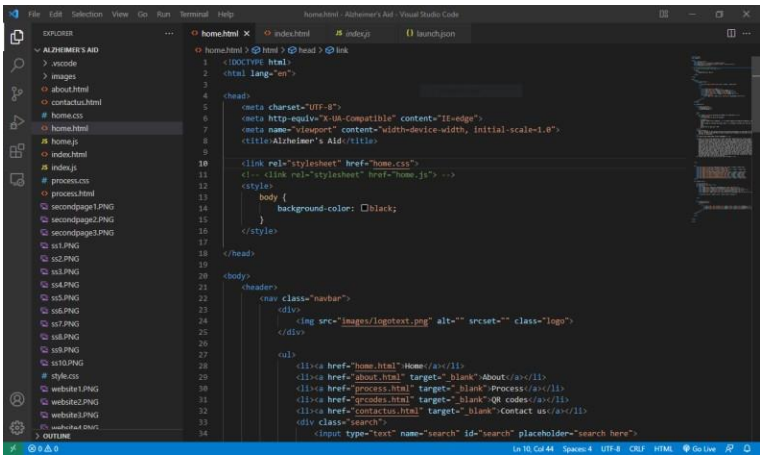
Synthesis/Algorithm/Design/Method

The tools used are: Visual Studio Code, GPS tracking system

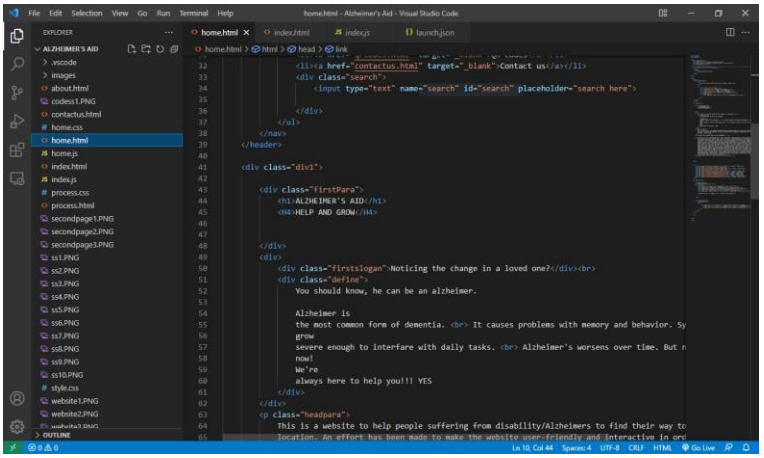
Algorithm-The first step a creating an informative website is to create attractive user friendly pages which becomes easy for the user to understand. In order to create this website, we have HTML and CSS as the main programming languages to go on with the project. For displaying the website we have HTML pages and for designing we have used CSS Pages.

For the basics building blocks of the website ,we have HTML pages in order to create webpages. HTML (**H**yper **T**ext **M**arkup **L**anguage) is the code that is used to structure a web page and its content. For example, content could be structured within a set of paragraphs, a list of bulleted points, or using images and data tables. For the designing of the webpages we have CSS(Cascading Style Sheets) for displaying the different layouts in the webpage. CSS is the language for describing the presentation of Web pages, including colors, layout, and fonts. It allows one to adapt the presentation to different types of devices, such as large screens, small screens, or printers. CSS is independent of HTML and can be used with any XML-based markup language. The separation of HTML from CSS makes it easier to maintain sites, share style sheets across pages, and tailor pages to different environments. This is referred to as the *separation of structure (or: content) from presentation.*

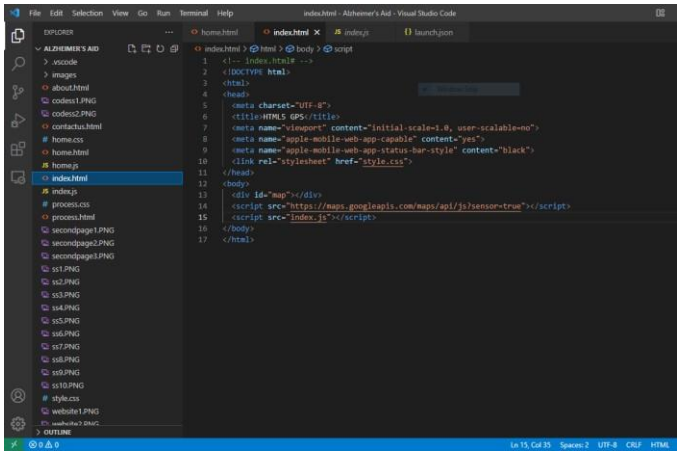
HTML code for homepage:



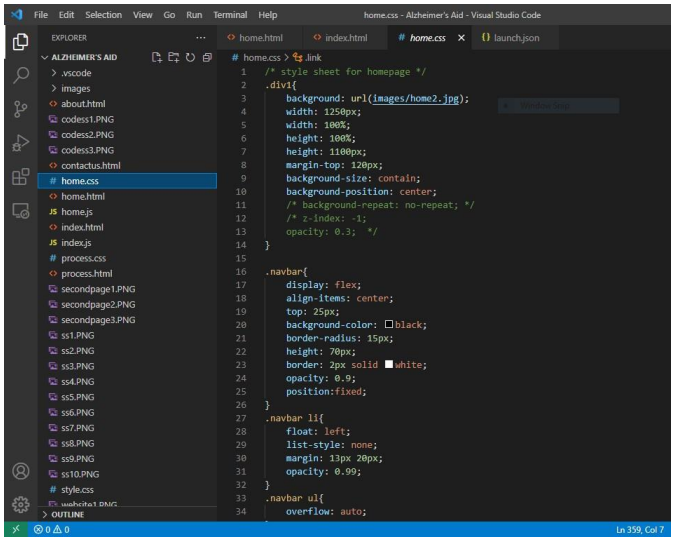
HTML code for homepage:



HTML code for GPS tracking system:



CSS code for homepage styling:

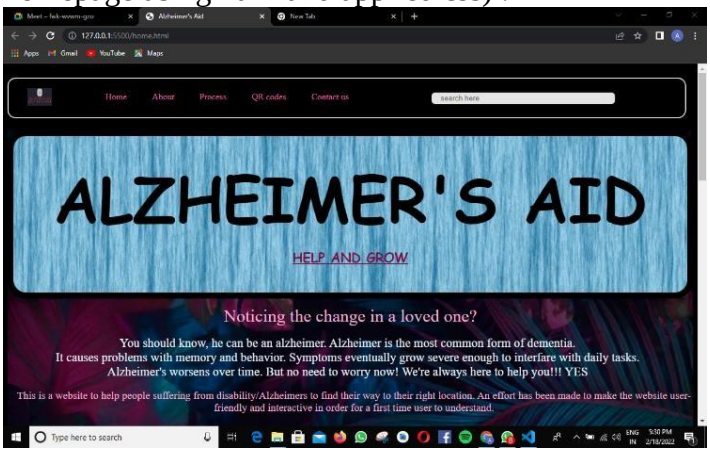


III. Results and Discussions

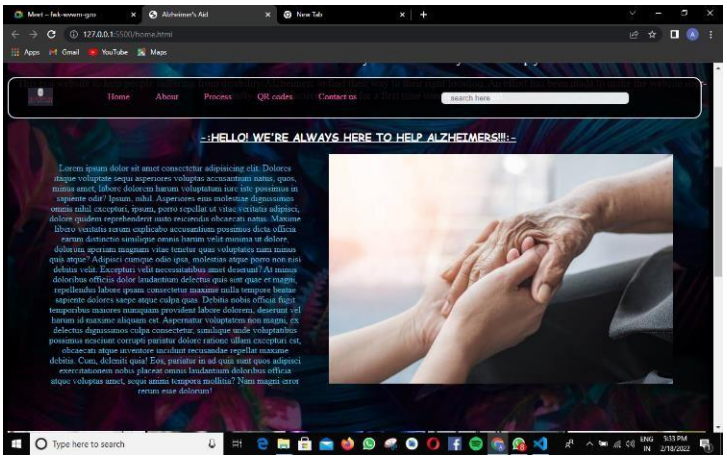
The final result of our wholesome project is to help people suffering from Alzheimer's disease and if they lost to the unknown location then by scanning the QR code given to that particular Alzheimer, can detect right information like address and name etc. and the people who want to help to the Alzheimer can easily help him by using our user-friendly website. Then, the main aim of this project is completed in the right way. In the main website, there are main 4 pages: homepage, about us, process, contact page.

Here, we are adding the current look after launching the 'Alzheimer's Aid' website.

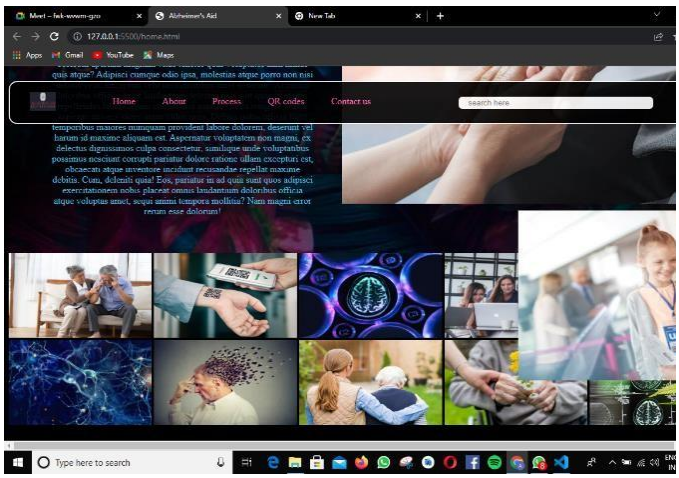
Homepage snippet 1(Simply designed 1st page i.e. homepage using html and applied css) :



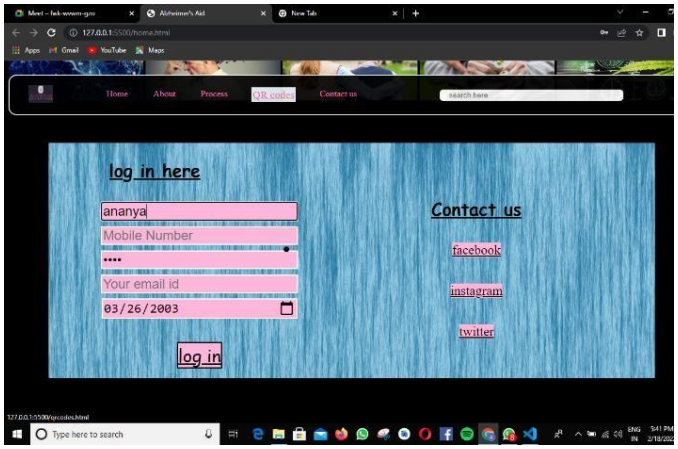
Homepage snippet 2(Including more information about our project) :



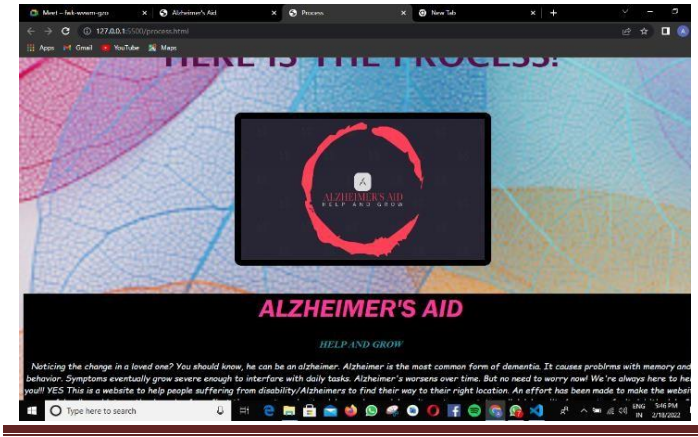
Homepage snippet 3(Added more pictures for better understanding of concepts) :



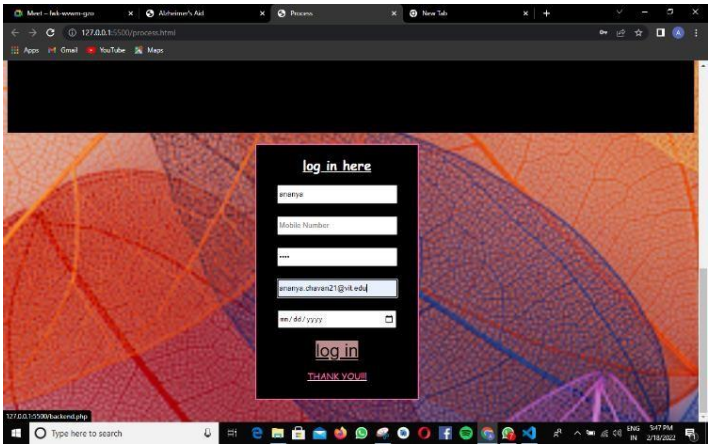
Homepage snippet 4(Page to login helper or needy Alzheimer) :



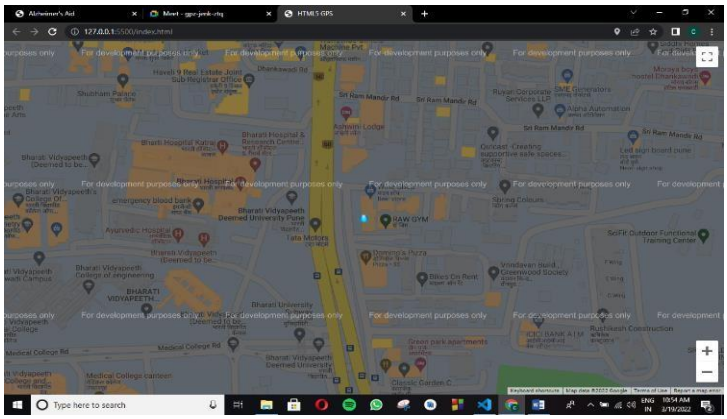
Process page snippet 1(Included total process of our project) :



Process page snippet 2(Another login page) :



GPS Tracking system(System to detect the exact location of an Alzheimer) :



IV. CONCLUSION

The conclusion of the project is that we create an informative system about the disease of Alzheimer's and give the users of how many people end up suffering due to this medical condition .At the same time, the members will learn the concepts of how to put a website in place.

V. ADVANTAGES OF THE PROJECT

1. Accessing the GPS Location

2.An attractive website will draw attention and end up helping people to know about the medical conditions caused due to Alzheimer's

VI. LIMITATIONS

1.Multiple locations cannot be accessed at the same time.
2.Every user will end up accessing the location the device would be at the specific location

VII. FUTURE SCOPE

1.The future scope would be improving the layout
2.Providing separate login pages for different users

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Hereby we would thank to all the faculties of our college and all the faculties of different courses that we have undergone to learn different concepts of android development and webpage development. I would also like to express my gratitude to college dignitaries for giving us such a great opportunity of developing this project. We learnt many new concepts and further by using this we will develop more useful and productive apps in future.

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