VIT BHOPAL UNIVERSITY

SCHOOL OF COMPUTING SCIENCE AND ENGINEERING

DSN-2098 PROJECT EXHIBITION –II

WEEKLY REPORT

Title: COGNION

COGNITIVE COMPANION

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II YEAR B.TECH (CSE), IVth SEMESTER

Batch: 2021-2025

<u>ABSTRACT</u>

Mental health includes our emotional, psychological, and social well-being. It affects how we think, feel, and act. It also helps determine how we handle stress, related to others, and make healthy choices. Mental health is important at every stage of our life, from childhood and adolescence through adulthood.

Although the terms are often used interchangeably, poor mental health and mental illness are not the same. A person can experience poor mental health and not be diagnosed with a mental illness. Likewise, a person diagnosed with a mental illness can experience periods of physical, mental, and social well-being.

Mental and physical health are equally important components of overall health. For example, depression increases the risk for many types of physical health problems, particularly long-lasting conditions like diabetes, heart disease, and stroke. Similarly, the presence of chronic conditions can increase the risk for mental illness, but in the modern world, mental illness is dominating the society,

So, coming up with the solution of this major problem of the society, WE the students of VIT BHOPAL UNIVERSITY introduce you with our project COGNION (COGNITIVE COMPANION), where we will provide a platform through our website in which, the people who need mental care and guidance can take it without any threat to their privacy. Also, the psychiatrist is not available in small towns and villages, hence we also aim to bring this facility to those places through our website.

Cognion will provide a personal account for every user with login id & password through which they can login & book an appointment and get their problems resolved.

We'll add a feature where the user can fix an appointment with the psychologist, once arranged, they'll receive a scheduled Google Meet link in their email 10 minutes before the session, and they'll be able to join the appointment through the link.

We'll provide Counselors, they will mentor the problems of the patients & provide proper guidance to them personally.

Doctors & counselors will be connected, if the counselor fails to solve the user's problem or the user wants to communicate directly with doctors while counseling their problem will then be shared with them.

After chatting a report will be provided to the user which will consist: -

1. Problems of users.

2. Solution

3. Does the user need the next session of counseling or not?

4. Does the user require any medication or not?

5. What all things the user needs to follow after the session for a better life.

After the session feedback form will be provided to the user.

WEEKLY REPORT

From: 21. 11. 2022   **To: 27. 11. 2022**

Topic Discussion/Work Done:

We did some part of FRONTEND and USER INTERFACE(UI). Also, completed our PRESENTATION . We are doing daily research related to our topic and trying to make our project come with best outcomes . These are the various Hardware and Software requirements for our WEB PROJECT :-

Hardware requirements: -

- Intel Pentium Core and above

- Minimum 2 Gb of RAM

- 256gb ROM

Software Requirements: -

- Windows 7 and above

From: 28. 11. 2022   **To: 04. 12. 2022**

Topic Discussion/Work Done:

We studied web development mainly the frontend part. And now we have started applying our knowledge to do the frontend section of our website.We have started making different webpages for our different features. We have started working on our login authentication so that the

user will be able to login on our website. And we are almost done with our homepage of the website. It will be done till next week.

From: 05. 12. 2022   **To: 11. 12. 2022**

Topic Discussion/Work Done:

We are nearly finished updating our website's homepage this week. We also created our website's logo. To build the webpage, we used references from many sources. The user can now successfully access the login feature of our website. We are also considering adding a contact us feature to our site, which will be completed within the next week.

From: 12. 12. 2022   **To: 18. 12. 2022**

Topic Discussion/Work Done:

This week, we finished the front-end component of the anonymous chat and began work on the back-end section, which we plan to finish in the coming weeks. In addition, we have incorporated a contact us feature to our website's homepage. Now, starting next week, we must finish our front end and make some necessary improvements to the User Interface.

From: 19. 12. 2022   **To: 25. 12. 2022**

Topic Discussion/Work Done:

In the last week, we almost completed our front-end development for the website. As this week our exams started so, we weren't getting much time to work on our project but still, we managed to make a few changes and

added some features. We decided to go for those final phase changes and developments in our front-end and User Interface.

From: 26. 12. 2022   **To: 01. 01. 2023**

Topic Discussion/Work Done:

This week, we've developed a separate homepage for our new feature, which allows users to share their experiences; on this webpage, they will read blogs.

From: 02. 01. 2023   **To: 08. 01. 2023**

Topic Discussion/Work Done:

We've added a feature where the user can fix an appointment with the psychologist, once arranged, they'll receive a scheduled Google Meet link in their email 10 minutes before the session, and they'll be able to join the appointment through the link.

From: 09. 01. 2023   **To: 15. 01. 2023**

Topic Discussion/Work Done:

Contact Us : The customers can contact the members of Cognion using this "contact us" option. The email they can use is

"companioncognitive@gmail.com". They can provide feedback to the team to improve the given system. We've created a send email API that makes it easier for customers to contact us. To create the API, we used the nodemailer module in node javascript.

From: 16. 01. 2023　　　　　　　　　**To: 22. 01. 2023**

Topic Discussion/Work Done:

This week we've developed the front-end part of the "Doctor Consultancy" webpage. Where the user can directly consult with the doctor face to face.

We've used CSS, HTML & Javascript while developing this webpage.

From: 16. 01. 2023　　　　　　　　　**To: 22. 01. 2023**

Topic Discussion/Work Done:

This week we've developed the back-end part of the "Doctor Consultancy" webpage by using reactJS & firebase to store the data.

From: 23. 01. 2023　　　　　　　　　**To: 29. 01. 2023**

Topic Discussion/Work Done:

We've finished developing the doctor consultation web page this week we've added some new features like reviews of the users (users can

write there reviews and post them so that the other users can read them). The top vlogs will be visible in this webpage so that the users can read them.

From: 30. 01. 2023   **To: 05. 02. 2023**

Topic Discussion/Work Done:

We've reviewed our entire website and fixed all the minor problems.

This website is developed to provide patients with access to online medical consultation services. The website offers a user-friendly interface that enables patients to connect with qualified medical professionals from the comfort of their homes.

Website Design and Navigation:

The website features a simple, clean, and modern design that is easy to navigate. The homepage provides an overview of the services offered, and users can access the various sections of the website through the top navigation menu. The website's color scheme and typography are well-thought-out, and the use of images helps to create a professional look and feel.

Remark: Satisfactory

Guide Signature

REVIEW COMMENTS

Guide:

Co Guide:

Guide Signature   **Co Guide Signature**