<u>Project Dairy</u>

<u>Name of te Program:</u> CO

<u>Academic Year:</u> 2022-2023   **<u>Semester-</u>** 5th

<u>Date of commencement :</u>

<u>Date of Completion:</u>

<u>Name of the Project:</u> Doctor Appointment System

<u>Project Group Number:</u> 33

<u>Name of the Activity:</u>

1. Literature Survey / Information Search
2. Abstract Writing / Project Objectives
3. Project specifications Hardware / Software
4. Project Design / Coding / Costing
5. Project Implementation
6. Project Working / Testing
7. Project Working / Testing
8. Conclusions
9. References

Week 1st-3rd

1. Litearature Survey

I have gone through various range of projects which were application based as well as the simulative. After going through various aspects of developing a project, we decided to make an application-based project which can be easy to tackle online, as it is difficult to manage a simulative project just using internet.

And then finally, I decided to make a Doctor Appointment System as because Development of Doctor Appointment System is mainly required for doctors and patients. The main aim of the project is to manage the appointments of doctors online and using the time idlely for Appointments. It is a simple and interactive application. It is system in which a person can book an appointment anywhere from the country.
It saves the valuable time of patients and doctors also.

Week 4th-5th

Date:

2.Abstract Writing

The main objective of 'Doctor Appointment System' is to manage the bookings and appointments of patients in a efficient manner. It manages all the information about Doctor, Clinic, etc. In past days, patients have to come to clinic and wait for some time till the doctor gets free. This Application helps to reduce this issue by providing a online appointment booking facility.

Purpose of the Project :
The purpose of building a Doctor Appointment System is to reduce the manual work of managing appointments and clinic.

Week 6th

Date:

3.Project Specifications Hardware/Software

Doctor Appointment System provides facility to book an appointment online without going anywhere. It saves a lot of time as patient just have to open this App on the Cell Phone and book an appointment easily.

In Developing Doctor Appointment System, the capabilities of computer and hardware plays a big impact on project quality. The administration should determine the minimum Requirements of hardware and also software to be used to develop a good and attractive project.

A. Hardware System Configuration

i	System	Ryzen 5 4600H
ii	Hard Disk	500GB
iii	Monitor	Standard LED Monitor
iv	Input Devices	Keyboard
v	RAM	8GB

B. Software System Configuration

i. Operating System – Windows 10
ii. Coding Language – Java and XML
iii. Database – Google Firebase

Week 7th-8th

Date:

4.Project Design/Coding

The Project Design/Coding for Doctor Appointment System will be done in Android Studio Software. Android Studio provides performance profilers so you can more easily track your app's memory and CPU usage, find de-allocated objects, locate memory leaks, optimize graphics performance, and analyze network requests. With your app running on a device or emulator, open the Android Profiler tab. The languages use in the project will be Java and XML. Android Studio is the official integrated development environment (IDE) for Android application development. It is based on the IntelliJ IDEA, a Java integrated development environment for software, and incorporates its code editing and developer tools. XML stands for eXtensible Markup Language, which is a way of describing data using a text-based document. Because XML is extensible and very flexible, it's used for many different things, including defining the UI layout of Android apps.

Week 9th
Date:

5.Implementation :

By implementing this project, a patient can book an appointment online. The System shows if the doctor is available or not in the clinic and at what time doctor will be available. If the Doctor is available, and patient books an appointment, the appointment is directly shown to the specific doctor. This saves the time of the patient. The patient can select the suitable time and date for an appointment. He/She can also contact the doctor through the application if they want some help. The Application also shows all the information of the doctors such as their specifications, degrees, colleges, achievements, etc.

Week 10th-11th
Date:

6. Scope of the Project:
- This System will help the patient to book an appointment online .
- The Online Payment methods make the payment more secure.
- The patients can get more information about the doctors and the clinic, this will makes clinic known to more people.

Week 12th
Date:
7. Conclusion

As the technology is growing day by day, the future will be more IT centric. This aim of this project is to counter the future requirements barrier.

8.Reference

1. https://www.wikipedia.org/
2. https://developer.android.com/
3. https://github.com/