**Coimbatore Institute of Technology**

**Department of AI and DS**

**21AD21 Fundamental of Industry Revolution 4.0**

**Product Requirement and Specification**

**1. Introduction**

It is a hospital application used for storing patient history and booking appointment with doctors and this application name is **doctor-patient** **logs**. There’s login portal for registered patients, doctors working in the hospital, and admin. New patients are given sign in option if they aren’t registered users. Doctors can view the patient history of each patient they have treated and patients can book appointment with doctors in that hospital. Notification about appointment will be given 1 hour prior to appointment. Admin user page will have statistics of number of patients visited, rights to delete other accounts etc.

**2. Purpose**

It mainly helps the doctors who give treatment for patients because this app will store all the details of the patient such as symptoms , diagnosis, prescription , medical reports etc, which can be used for research purposes. It is also useful for patients because patients need not keep those in their mind and they can book appointments from anywhere. And also patients can know about their doctors.

Graphical user interface, application

Description automatically generated

**3. Project Features**

* Patient history is stored.
* It will work in Android OS.
* This app has two portals - For doctors and for patients so that each users can view their details with no confusion.
* Appointments with doctors can be booked
* Notifications

Graphical user interface, application

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**4. Functional features**

* Login page for doctors and patient
* Registration page for new patients
* Admin page
* User pages with patient history and schedule
* Appointment booking page
* Notifications

**5. Software Requirements**

Android studio

**6. Future additional features**

* A web page for doctor-patient logs.
* Appointment and medicine payment through app

Graphical user interface

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