**PROJECT PROPOSAL**

**TITLE: HOSPITAL MANAGEMENT SYSTEM**

**GROUP MEMBERS:**

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**ABSTRACT:**

Hospital Management System is a system, which enables Admin to register and remove Doctors and check pharmacy medicines stocks. Doctors can only login can check their appointment timings and update them according to availability and update their data if they want. IndividualPatients can register, login, and check their hospital updated record. It enables patients to not only login and register themselves but also can booked appointments online with the availability of doctor at particular time and date, they can also check if the hospital’s pharmacy has medicine available and can buy them which results in generation of token number that will be showed to pharmacist. It is a user-friendly system, which makes it easy to login, register, update records, check and book appointments. Admin can also add stocks when he sees something out of stock.

**AIMS/OBJECTIVES:**

The main aim of Hospital Management System is to make an easy interface for Admin, Patients and Doctors to login, register, and update and help them buy medicines and booked appointment of their choice.

Following are list of features:

1. Authenticate Admin, Patient and Pharmacist
2. Admin login and Pharmacist login
3. Admin
   1. Registers Doctor
   2. Removes Doctor
   3. Check Doctor details
4. Doctor
   1. Update his/her details
   2. Check his Appointments
5. Patient
   1. Registers himself
   2. Login
   3. Book Appointment
   4. Cancel Appointment
6. BMI calculator
7. Diet Suggestion
8. Random User (Without Login/Registration)
   1. Buy medicines
9. Pharmacist
   1. Login
   2. Update stock

**TECHNOLOGY/TOOLS:**

**Front-End:**

* Flutter
* Dart
* Android Studio

**Back-End:**

* SupaBase