**DATABASE AND MANAGEMENT SYSTEM PROJECT PROPOSAL**

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**Project Members:**

**Abdul Ahad Shaikh (20K-0319)**

**Syed Ali Jodat (20K-0155)**

**Muhammad Basil Ali Khan (20K-0477)**

**Topic: Hospital Management System**

Our idea is to create a management system for hospitals across Pakistan. If Hospitals want to run efficiently, and ensure patient’s and doctor’s data confidentiality and work in a good flow, they cannot do so without an efficient hospital data management system.

**Key Features(can vary):**

1. Patient Management (Name, Date of birth, diagnosis etc).
2. Report Management (Analysis).
3. Staff Management ( Name, Attendence, position etc).
4. Facility Management (No of branches and location).
5. Contact Information (Contact information of each branch).
6. Billing Management (Total bill according to the treatment).
7. Appointment Management( Time of appointment)
8. Lab Management (Samples stored, and daily inflow of samples).
9. Departments (Physiotherapy, ultrasound, eye, etc).
10. Location of each Department.
11. Breakdown of Doctors According to their expertise level.
12. Medical Store Locations (each branch)
13. Supply Management (Medicines and equipment such as hand gloves, masks, etc)
14. Operation Theatre Management ( Availability etc)
15. Time Management ( Doctor’s availability )

All of the rest of the features will be internal features to the above mentioned in a web/app design.

**Frontend and Backend:**

* Flutter
* Dart
* Supabase
* Android Studio