

Assignment-1

- Problem statement

Healthcare professionals face challenges in managing patient information, medical history, appointments & treatment plans, due to these sensitive & manual processes. These hardships lead to delay in care, & errors in patient data.

- a) Executive Summary

This app to help the healthcare providers to manage the patient information by gathering their medical history, appointment scheduling, & other features into a single, user-friendly platform. This solution is designed to make healthcare easier by adding data accessibility, reducing manual catalog burdens, & minimizing errors. This app will be useful for both healthcare providers & patients. By integrating these functions, the app aims to improve medical system & the overall quality of care.

- b) Project description

This project involves developing an app that serves as a digital catalog to manage patient data. The app will allow doctors to access & modify patients' medical records, track appointments & manage treatment plans. Patients will also be able to view their own medical records, schedule appointments. With an interactive user-interface which is easy to use by any age group.

3. Project Scope

- Project Specific goals :-

Management of medical history, allergies, medications & previous treatments, & secure storage of patient data.

- Tasks :-

Appointment management. Scheduling, rescheduling & cancellation with notifications & reminders.

- Deliverables :-

Different access levels for doctors & patients irrespective of their ages, Simple design that can be easily used by both healthcare professionals & patients.

- Cost :-

Creating the app's design & user interface.
coding & building functions in the app.
time to time necessary updates.

- Deadlines :-

The app should be completed within 6 months.

Launching the app & getting initial support.

we aim to deliver hassle free healthcare system to both patients & providers while ensuring data security.