

System Description

What is Hospital Management System?

A website providing software system for managing the hospital resources, from doctors to receptionists to patients, all will have a streamlined process omitting unnecessary waiting time. And giving chance to index all medical info about Medical tests and Medical Radiology. Which will help in future diagnostics and will be valuable for future enhancements.

- **Managing resources**

- Receptionists can see clearly who are the available doctors right now and see the empty time slots for patients to make reservation and can be able to see patient profiles to see their medical history.

- Receptionists can forward the examination requests to doctors.

- Medical Managers can track work progress through attendance systems for doctors and workers using computer vision and through complaints.

- All hospital info with all doctors and officials and all departments available on the website.

- Pharmacies cooperation system allowing medical prescription generator.

- **Patients interaction**

- Every patient will be able to have a profile created by him or by the receptionists containing his medical history.

- Patients can check all the doctors available slots and make reservation online.

- They can apply health insurance online.

- They can check their medical results and medical reports online, including radio images.

- They can export their medical reports to use anywhere.

- They can submit complaints for medical managers to review.

- **Doctors interaction**

- They can provide better diagnosis for patients as they can check their profile before the appointment.

- They can create their medical prescription using the system and check the pharmacies stock and print it with ease.
- They can create and upload examination results for the patient and forward radio image requests for them allowing smoother process for the patient comfort.
- Doctors can forward examination results to each other's.
- Doctors can edit their time slots by requesting that to the manager.