

**ABSTRACT**  
**EYECARE- EYE HOSPITAL MANAGEMENT**

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## **EYE HOSPITAL MANAGEMENT**

### **Abstract**

The Eye Hospital is a specialized healthcare facility dedicated to providing comprehensive eye care services to patients of all ages. This state-of-the-art hospital focuses on the diagnosis, treatment, and management of various eye conditions and visual impairments. This project includes functionalities for patient registration, appointment scheduling, medical record management, prescription and surgeries reminders, billing and financial management and medical supply management.

Patient registration deals with patients who needs to be register personal details and other information's like if he/she have any previous medical record from any hospital, specify the reason for the consultation like it can be caused by any injuries or redness something, routine eye examination, any specific eye examination for referral case, driving licence certification and vision check for glass prescription. Also, they needed to mention if he/she have any allergy to any medicine and currently intaking any medicine. After the registration is made, they needed to make payment for booking through online. Also registered users can also make another book appointment by they are given by unique opcode from the hospital.

For doctors, they can view patients whose appointments are scheduled on those particular days, manage medical history of patients. Also doctors can schedule the appoinments, can apply leave, View patients, Schedule dates available, Schedule timeslots.

For pharmacy they manage payments of patients, maintain communication with patients for the medicine how it needed to be used, maintain checklist of patients and list the medicine by adding, deleting, updating the stocks also checks the expiry dates of medicines.

After the patient registration is done by patients the Receptionist allocates the patients to different doctors based on their eye issues. They categorized the patients on 3 categories on a colour code with unique Opcode which provided to patients on registration time. They also maintain communication with patients for the doubt clearance if they have. Also, they maintain an overall communication with each department of the hospital if any of the department needed any information regarding the patients.

Administration or admin is the most important module of hospital management where they manage the complete list of doctors, nurses and other staffs by adding, deleting, updating, searching and scheduling the time of their work. Also, they manage all the financial details of staffs, each department etc. They can view and edit the vendor and supplier managements. Report generation, perform auditing of each department, manage categories of treatments, scheduling of doctor's appointments. The administrator can send and receive communication with hospital staff, doctors, patients, and other stakeholders. Notifications and alerts keep the team informed about important updates.