

System Study

According to the existing system, some of the clinic and hospital have manual registration and phone call appointments. The patient has to come to the hospital to make an appointment or they have to make a phone call to make an appointment.

In some cases the hospital ~~case~~ staff may be busy so they don't have time to take the call. So it makes difficult situations for the patients. Some hospitals provide their own website for appointment booking.

⇒ Drawbacks:

- * Manual calculations are error prone.
- * Difficult to retrieve certain information about patient.
- * They didn't generate a token to confirm the appointment.

Proposed System

The proposed system named 'Eye Matic' eye care website, we have decided to propose an automated appointment procedure for Ophthalmology department. According to the study, a new patient is registered by giving their name, address, age, email and corresponding patient details, which are recorded in the system by giving them a Unique MRD number. This no. can help the hospital staff to record the treatment details and help to access previous treatment details.

The new system is to control the patient appointment, payment and token generation. Doctors are allowed to view their appointments, and they have to enter prescription about the patient. Admins can also view patient's history. Admins have the functionality to view doctors and patients. Also users can buy eye related products according to their products.

⇒ Advantages:

- * Digitized the appointment procedure.
- * Patients can make appointment payment.
- * Doctor can directly enter the prescription details of the patients.
- * Users can buy products according to their concern.

System Analysts

• Patients

- ↳ Take appointment
- ↳ Make payment
- ↳ Book products