**Electronic Medical Record (EMR)**

My EMR is a web based application. An electronic medical record includes information about a patient’s health history, such as diagnoses, medicines, tests, allergies, immunizations, and treatment plans. Electronic medical records can be seen by all healthcare providers who are taking care of a patient and can be used by them to help make recommendations about the patient’s care. By using this application every individuals are able to maintain their medical records at one place so that it is easy to handle them by eliminating the disadvantages of physical records. Having all health information in one place helps in reducing stress of finding important medical records like Prescriptions & Test Reports at the needed time. Due to the benefits of electronic records user can access the information from anywhere, able to take consultation from various doctors with ease, this will help the doctors and hospitals to understand the patient’s background history and to perform accurate medication.

**Modules of project:**

1. **Authentication**

Sign Up --> with google account or manual

Log In -- > with username and password

Forgot password -- > OTP through the email

1. **Manage Profile**

Under profile we will be having:

1. **General information like:**

Full name, Gender, DOB, Address, Phone no, Mail id, age, marital status, profile photo.

1. **General medical information like:**

Blood Group, Diagnosed with, type of allergies, family medical history, symptoms enlisted, addictions (if any), vaccination details, height, weight, BMI.

(Can take info from question-answer form.....like smoking?)

1. **Manage Health Records**
2. **Prescriptions:**

In prescription we will be having list of previous prescriptions with name, description, doctor name, date --> user can edit, delete or view it.

Option to add the new prescription --> user can upload above information and the scanned copy of the document. Option to view all the prescription.

1. **Tests:**

In tests user can add the test reports with name, type, desc, lab name, date --> edit, delete, view options. Can upload the scan copy, can view list of lest

1. **Doctors:**

Users can add the information of doctors they are visiting with name, qualification, hospital name so that information is handy to use

1. **Laboratories:**

Users can add the information of laboratories with name so that information is handy to use

1. **Add Family members:**

Add family member’s record (email verification for authentication if needed)

1. **Data analysis** --> Show the health feedback on the basis of the data. (can we add this also ??)

1. **Manage Access:**

??? How to give access to the doctor or to any other person:

1. General information can be public
2. Doctor can access the patient data.

Doctor can access the patient’s data through email verification..... After clicking on the option "show the patient details" we will send the otp on patients email id and through that otp doctor can access the patient’s information.