MediCare

Medicare is a simple web application made for both administrator and the general public. Its main motive is to ease out the chaos that is generally seen in the BC Roy by creating a portal which will serve as a link between patients and doctors which will help in eliminating long queues providing better medical assistance.

Technology Used: Node.JS, MongoDB.

1. Main Page: Login Portal
   1. Login: for registered users
   2. Register: for a new user  
      The registration panel has two options either register as a doctor or a patient.  
      At after that, there is a form-fill for general information eg. Name, Mobile number, e-mail address, etc.

Once the user is registered, he/she is again asked to log in to their respective panels.

1. Patient’s Panel
   1. Dashboard: for submitting new queries/ booking appointments  
      There’s a dropdown menu for available doctors and their field of work amongst which the patient can choose the most appropriate option.   
      There’s an option for selecting date convenient to the patient.
   2. Queries: This gives you information regarding the history of patient  
      Every query has status of the appointment (approved or pending) and the time allotted by the doctor.
   3. Logout

\*\*Once the query is submitted the patient will receive an auto-generated mail and sms consisting of the appointment details.

1. Doctor’s Panel
   1. Dashboard
   2. Patient’s query:  
      All the pending queries by patient’s are uploaded here and the doctor has the option to either approve or decline the query.  
      If the query is approved the doctor is asked to provide time slot to the patient for treatment.  
      Once the decision is made, status of all the queries(history) are visible to the doctor through the dashboard.
   3. Logout

The ‘\*\*’ marked statement has not been incorporated due to the time constraint. If provided a chance , we’ll incorporate it into the app.

Proposed Add-Ons:

1. Calendar for date of appointment.
2. After treatment, doctor can upload the prescription on patient’s account which can be used for medical assistance and further follow-ups. However, we propose computer generated instead of hand-written prescription for no doubts in medication which causes death of over 7,000 people in India every year.
3. Instead of drop-down menu for doctors, tabs for different categories of diseases and within that the list of doctors available.
4. Link the profiles of family members for medical history of the patient.
5. Test reports and remarks in both patient’s and doctor’s dashboard.