

“Online Medical Support System”

Course: CSE471

Lab Section: 02

Project Group: 16

Group Members:

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Functional Requirements:

- There will be two types of accounts. For Doctors and patients or general user.
- To register as a patient or general user, one must provide his/her general information. Such as, name, age sex, email, contact number, address etc.
- To register as a doctor, one must provide proper documents (e.g. certificates, license etc.) along with general information. After verification their account will be available in the system to serve the patients.
- In the system, doctors will be categorized according to their specialization (e.g. radiologists, cardiologists, orthopedic surgeons, child specialists, gynecologists etc.) so that patients can easily find doctors according to supports they need.
- In a doctor's profile, every information a patient may need will be visible. Such as, name, qualification, chambers location, contact information etc.
- There will be an option to make appointment online.
- There will be an option called live consultation which any doctor can give for free or on charge.
- If any doctor is available to give online consultation, then this status will be shown in the system.
- Patients can search for doctors in the system.
- On emergency, any user can search for doctors nearby who are available, eager to and interested in going home and giving treatments and medical services. Especially, in case of child's treatment.
- Any patient can rate and give review to the doctors if he/she took treatment from them.
- This system will be linked to blood banks. Anyone can donate and request for blood in the system.
- This system will also be linked to hospitals, diagnostic centers, maternity centers, pharmacy. Booking seats, getting know about treatments, services available in a

particular hospital, diagnostic center, or maternity center, searching and ordering medicine from a pharmacy will be easily made through this system.

- Anyone can call for ambulance service on emergency from this system.

Non-functional Requirements:

- System will have access credentials.
- System will require location services.
- System must ensure users' data and privacy.
- Searching option should be optimized.
- System will have sorting option. Such as sort by location, sort by fees etc.