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Database Project Proposal:

Online Health Care Management System

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Team members

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Introduction

The goal of our project *Online Health Management System* is to bring all the medical related services under one single platform. Our vision is to link all major medical hospitals' information, departments under those hospitals, patient's records, doctor's records, pharmaceuticals, blood bank etc. which are located cross platform.Different medical researchers, medical institutions, and patients will be benefited from this data collection and information sharing efficiency. Thus,*Online Health Care Management System* brings different services under the single roof and easies the access to medical service.

Problem statement

The Online Health Management System is a system which can be used by the wide spectrum of users ranging from lay users such as public to doctors.This application includes information regarding hospitals in particular state/country, different departments in those hospitals and the expertise dealing with each of the department, patient records and other medical related information.

User can search for a doctor according to his needs.For example,he can search according their specialisation like cardiology, neurology etc. or based on the place or name of the doctor, if he is familiar with them.He can also check doctor's availability and take a appointment accordingly. The user can check the availability of medicines in different

pharmaceutical stores located at different hospitals.User can also order them online.User can get the information of blood bank, maintained by each hospital. The user can manage his bills for the services,he was provided by the hospital.User can get the information of research in the field of medicine.User can also get the previous patients information to get the feedback and other service related stuffs.

Doctor can manage his appointments, access patients' information,keep track of their health condition,update the patient related information,reply to patients' queries.**The application also provides the user, contact information in case of emergency and also it maintains all user access information to application.**

Implementation

The database **of** application can be implemented using the ***mysql database server*** for database design. The front end design is included in future scope which can be implemented using *Java server pages* and *JDBC mysql driver*. The overall application is deployed on the ***Windows*** platform.