CS355 - Project Proposal.docx

CS355 Databases

Fall 2019

Project Proposal

[Habib Hospital Management System]

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Submitted to

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Introduction

Hospital Management System is online management system which is used to management the hospital. It contains all the data regarding the patients, doctors, admin staff, facilities being provided, and the pharmacy and manages it in an organized manner. It also has a front end interface to input and display appropriate information.

Modules of the System

1-Patient Management System:

In the module of the patient management system, there is a facility to register patients and view their reports and history. Patient management system allows getting detail information of patient's health condition.

2- Doctor Management System:

Doctor Management System allows registering the doctors, working in a hospital as well as their clinic details. It helps in the duty management of doctors and updates them complete appointment details with a patient health history.

3- Pharmacy Management System:

Manages the data of drugs available, to be ordered, currently being provided to patients and all other drug related data.

4- Administrative Rights Management System:

Administrative Rights Management System includes all right of management including HR and administration. This payroll system helps in updating the inventory record as well as all record of payroll management. This is a key element of administration management that manages all purchases and employee management.

5- Online Appointment Management System:

Online Appointment Management System allows getting online appointment instead of physical visit. With the help of online appointment management system patient, staff and doctor can check the status of appointment easily. This appointment management system allows to get an appointment for registered patients and also send updates to the customer through SMS or email.

6- Invoice System:

After the appointment confirmation Invoice System generates an automatic invoice against that specific patient, this invoice helps to know about the current status of payment as well as complete payment.

7- Medical Services System:

Medical Services System allows adding a list of services that are provided by the hospital such as dental treatment service, cardiac services, mental treatment services, bones treatment services and much more. The patient is able to view the list of services and departments offered by the hospital along with all other details of treatment. It also manages the service timing, emergency services according to the condition of the patient.

Front-end Development

1: Administrative Rights Management System

2: Patient Management System

3: Online Appointment Management System

4: Invoice System
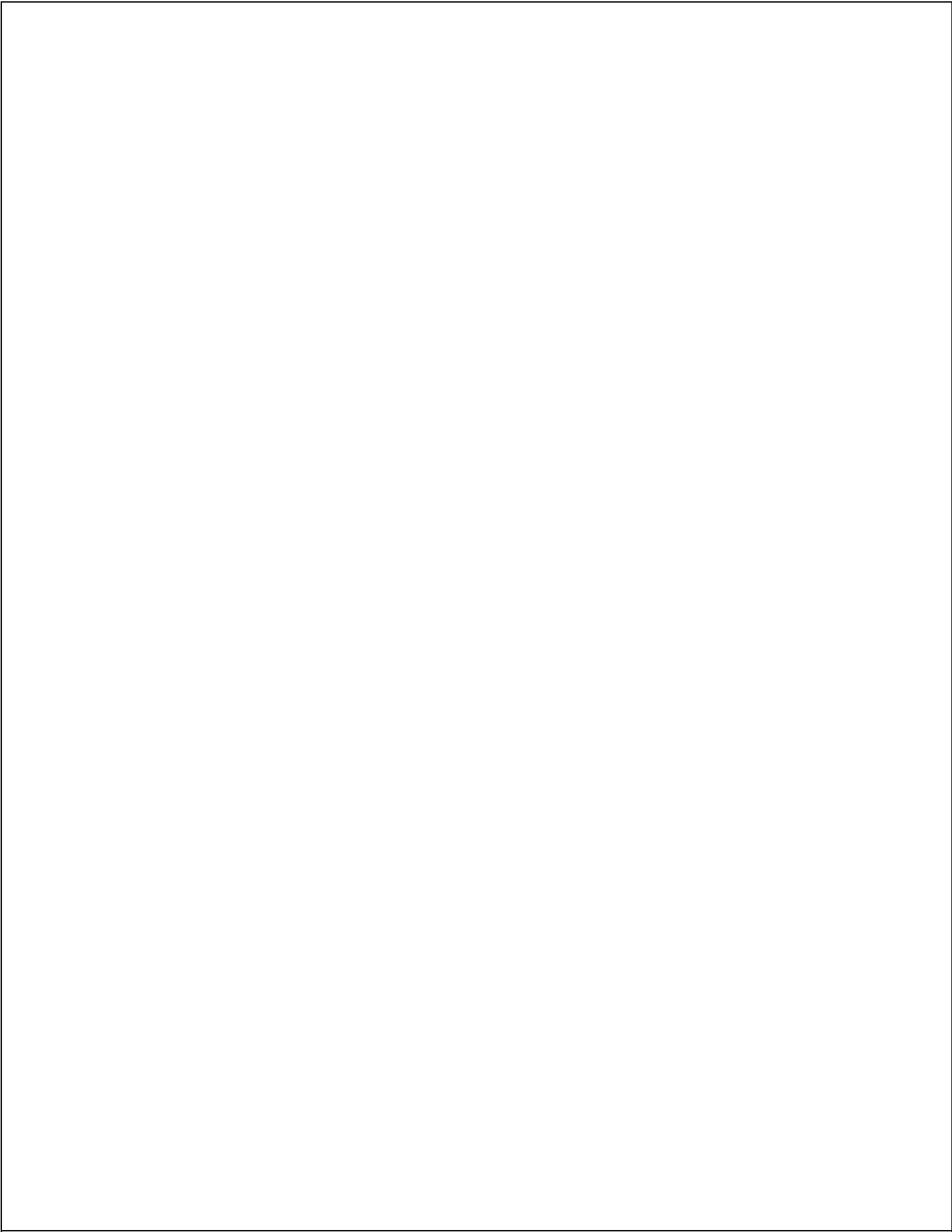
Tools & Technologies

Back-end: SQL Server

Front-end: C#

Note: [List the modules that will be addressed for front-end development. Front-end can be a desktop based/web-based/app based application developed in any language/platform. If your system is detailed enough, you do not have to build the front-end of complete system. You can choose some module(s) and implement them completely from front-end to back-end. Discuss this with your instructor/RA and get their approval before finalizing the scope.]

Note: [Mention different functionalities/modules that you will address to develop ERD of your system. Give detailed description of each module.]

Note: [An introduction of the system under development to be written here. You should also mention that if the system targets the needs of a real business/organization OR it is a hypothetical scenario].

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SIMILARITY INDEX

PRIMARY SOURCES

1 **solutiondots.com**
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