Mahim Pritom

Project Proposal, CST3504

Prof. Charles Li

**Project Proposal (Team Chowdhury Hashmee and Mahim Pritom)**

We came up with a plan for our project which will be a hospital management system name StaySafeMedical.com, and our system will help the user from different locations throughout the country. Our project will have different types of database systems based on the project requirements and performance. (Project Plan)

In order to do this job, we have our team member Chowdhury Hashmee and Mahim Pritom. Chowdhury Hashmee is a senior year student of City Tech majoring in Computer Systems (software development) and I, Mahim Pritom, am looking forward to work with him since he has a sharp knowledge in designing and analyzing stuffs. (Team Member Information)

Our main goal will be to design and implement a database application for the “StaySafeMedical.com” hospital management system. The application will be used to automate the managing of patients and hospital personnel activities, etc. This system will allow hospital employees to manage hospital patient activities such as assigning physicians, medical care, registration, etc. (Mission statement)

Initially, we have thought that the application will use a three-tiered web-based client/server for customers, physicians, nurses, and other medical professionals to manage daily activities in the hospital online via a browser. Then, we will implement a two-tiered windows client/server for the front-line workers such as emergency room administrators, nurses, registration clerks, etc. Both the Three-Tiered Web and Two-Tiered Windows Client/Server will SHARE the same Database Tier. Our project system will also support dozens of major cities around the world. Additionally, providing a great user experience in Hospital Reservations will also be our target. (Information Systems Architecture)

In order to complete the whole process, there are multiple requirements provided by Professor Charles Li where we will follow the development process of the typical SDLC process. These processes include planning, analyzing, designing and implementing phases that we must utilize to successfully complete our project. Initially, we have decided that team member Chowdhury Hashmee will focus on project analysis and presentation; on the other side, me, Mahim Pritom will focus on designing, implementation, and testing. However, these procedures might change depends on the situation. (Database problems to solve using SDLC process)