**CMSC 127 Project Final Documents**

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5. Glossary – define the technical terms used in the document
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7. User Interface Architecture – description of the front-end user interface and its data sources
8. Appendix ( reference forms, documents, etc)
9. User Manual

Explanation of how to use the system. Add screenshots to explain the flow of the system. Include also installation methods including setup /installation of software needed. Mention the specific OS, browsers needed.

**INTRODUCTION**

**Description of the System**

The System uses database to store data records from the Luke Foundation.

**Services Provided**

The System provides a way to store data records of the Luke Foundation’s physical copies of data into the database. This includes data about the Doctors, Patients, and Surgery Information that was obtained. The System also allows creating new data records. Not only the System allows the user to add data, it allows the user to edit existing data or delete a record entirely.

The user interface enables the user to view related information and provides links between related items for easy and convenient access.

Implemented within our database are features which include, (printing) summarizing data into a layout that is readily printable, and (filter and search) segregating data through different sets of criteria or keywords (ex. patients can be filtered through their gender, which doctors examined them, etc.). Furthermore, the system gives a general report of different data categories (eg. how many surgeries in a year, etc) and a exportable csv file of these records.

**Significance of the System**

The System will help the Luke Foundation to replace old files of records of their Doctors, Patients, and Surgery Information and put it into the Database System. Since the copy will be digitized, storing the data accumulated in years would be less costly and easier to store. Adding more information will also be easier as the System will be user friendly and provide enough relevant information on a record.

**Simplified Processes**

The System will have a Database that will act as storage for the information the Luke Foundation Inputs. The foundation can access this Information using the System’s options in the menu (Doctors, Patients, and Surgery Information).

**GLOSSARY**

**DATABASE STRUCTURE**

**User Interface Architecture**

**General Description**

The user interface allows the user to add, view, edit, and delete files from the database. It also lets the user view related information and provides links between related items for easy and convenient access.

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The user interface imports themes, formats from the following sources:

* Bootstrap – layout and formatting
* Jquery – functionalities
* FontAwsome – free-source for icons