

**SOFTWARE CONSTRUCTION**

**SEMESTER PROJECT PROPOSAL**

**HOSPITAL MANAGEMENT SYSTEM USING JAVA AND GUI**

**GROUP NO.2**

**HAREEM RAHEEL (44378)**

**SYED ABDULLAH (46297)**

**MOHAMMAD ANAS (46459)**

**MUSTAFA AHMED (45869)**

**ARSALAN AHMED (43501)**

**Dr. S.N Ahsan**

**Project Description**

The purpose of the management system is to provide a user-friendly environment for the patients and the doctors that are based on a graphical user interface. The system would allow new patients to get them to register and to store their information which includes their personal information and the diseases that they are suffering from and the doctor's prescribed diagnosis. And detailed information for their treatment. It incorporates a search capability to know the current status of each room. Users can look through the accessibility of a specialist and the details of a patient utilizing the id.

The system is accessible by the patient or the doctor only through their username and password. Moreover, the hospital management system has forms that are used to store details of the patient, patients registration, prescription for the patients and allows the user to enter the data as well as view the result.

**TECHNOLOGIES USED:**

* JAVA
* JAVAFX (GUI) using MVC pattern
* MySQL DBMS
* IntelliJ (IDE)