# HOSPITAL MANAGEMENT SYSTEM SEMESTER PROJECT (DBMS)

**October 24, 2018**

## Project Background and Description

*A desktop application written in Java for a Hospital Management System.*

- *Provides password protected Admin panel.*
- *SQL Database Management System*
- *Sleek interface*
- *Record of Patients, Doctors and additional facilities such as rooms and billing.*

## Project Scope

*Hospital Management System Software will be easy and user friendly to run. Moreover, SQL based Database Management System makes it much manageable and secure for storing and retrieving the data. The project provides GUI interface with user-friendly icons easily understandable to doctors as well management staff.*

## Tools and Languages to used

*The whole project will be coded in Java using its various graphical libraries. However, Database system will Oracle Database with SQL as its database language.*

- *NetBeans*
- *SQL Developer*
- *Oracle Database*

## Operations to be Performed

- *Creating New Patient Record (assigning him/her doctor too)*
- *Generating Patient Report (No of visits, prescribed medicines, referred doctors)*
- *Generating Bill and Discharge Certificate*
- *Checking doctor availability (according to patient's initial findings)*
- *Removing and modifying existing records*

## Project Members

| Name | Batch | Department |
|------|-------|------------|
| Shahzeb Mahesar | BS IV (A) | Computer Science |
| Ehtesham Qureshi | BS IV (A) | Computer Science |

Approved By                    **Signature**                    **Date**