**Project Proposal**

**Project Name:** Hospital Management System.

**Project Members:**

Khawaja Zeeshaur L164383

Ahmed Ijaz L164114

Moazam Saleem L164044

**Project Description:**

This system will be used to manage and store the different transactions happening in the hospital daily. It will have two kinds of users i.e. patients and admins.

Admins will be the staff members of the hospital. Through this system they can generate and maintain their inventories. It will also keep complete track of patients’ current status, dues, medicines, room etc.

Patients will be the sick or affected people who are either admitted in the hospital or just came for routine checkup. They can monitor their expenditure, availability of doctors, services offered by the hospital etc. Some of the features of this system are:

* Log in verification for all both patients and admins.
* Admin can admit/discharge a patient. POST/DELETE APIs
* Admin can stock/buy/sell medicines GET/POST/PUT APIs
* Admin create/update/delete an appointment GET/PUT/DELETE APIs
* Admin can add/remove a room allotted to patients. POST/DELETE APIs
* Admin can add/remove a doctor POST/DELETE APIs
* Admin can add/remove/update free slots of a doctor POST/DELETE/PUT APIs
* Patient can book an appointment with a doctor POST APIs
* Patient can look at his history of appointments GET APIs
* Patient can see list of available doctors GET APIs
* Patient can see free slots of doctors available for booking GET APIs