Final Project: Hospital Management System.

By: Atif Malik & Ali Khan.

**Purpose of HMS:**

* It is for the automation of Hospital management.
* It maintains two levels of users.
  + - Administrator
    - User
* It includes maintaining Patient and doctor details.

**Scope:**

* The system will be used to get the information from the patient and sort that data for the future.
* The current system in use is a paper-based system which is very slow and cannot provide an update list.
* The intention of this project is to reduce time and increase the number of patients who can be treated.

Classes that we use in Project are:

* Patient
* Doctor
* Checkup

**Doctor**

In this class, it will take doctor information like:

* Name
* ID
* Fee
* Specialist
* Number
* Contact

**Patient**

Here we are using

* Name
* Contact
* ID

**Check-Up**

* Recommendation
* Date
* To initialize these variables we use **getter and setter**
* In Data Structure we are going to use **Singly Linked List.**
* It will store data in filing and save all information of patients and doctors which we can access anytime and search our information through ID, Contact, or Name.

**Libraries we are using:**

Scanner for input.

**GITHUB:** **https://github.com/atifmalick/HMS.git**