**Hospital Management:**

**This project consist of 3 roles:**

1: Admin

2: Doctor

3: Patient

**Admin** has its own work area which he can enter with valid username (“Pranali”) and password (“Password”) can add, delete, and update: patient, doctor and appointment.

While creating patient and doctor username is unique it doesn’t create patient with same user name.

And same applies to doctor. Number validations are provided while creating phone number of a patient.

Appointments are created in a unique fashion too and they are identified by their Appointment ID.

While creating or updating appoint checks have been provided on the basis of patient and doctor availability for the given time.

**Doctor**

Every doctor created who has username and password can login with his credentials and look for the appointment list.

He can update the appointments on the availability of patient and his own. He can update cost status, appointment status etc.

**Patient**

Every Patient created who has username and password can login with his credentials and look for the appointment list.

He can update the appointments on the availability of doctor and his own. Patient can request to schedule another appointment in this way and can even change the doctor if needed.

**Test case is provided:** To check for the cost calculation

**Project Design:**

It is divided in 3 tier:

1 only business classes ie pojos(model)

Person, patient, doctor and appointment. Patient and doctor are inherited from person.

2: Forms has all the logic provided (view)

3: DAL classes which consist of all the queries.

**Logging:**

Logs of activities are provided via log table created in MySQL.

I have created mocks for few slides others I am attaching here:















