**Admin interface**

* Verification (username, password)

**PATIENT**

* admit patient
* Add checkup patient data
* Auto generate password for new patients
* Discharge admit patient
* Update patient data
* Add symptoms/test/precautions to admit patient
* Look at a patient record/search by name

**DOCTOR**

* add doctor(surgery/physician)
* Update doctor data
* delete doctor data
* See all doctor details
* Look at a specified doctor/search by name

**Accountant**

* Show total admit the patient bill
* Show total checkup patient bill
* Show total earnings(individual + total)

**Patient Interface**

* Verification (email-id, password)
* Show patient history
* Show billing history
* Show all doctor details
* Show hospital details
* Appointment
* Corona testing

**Class**

1. person
2. Date
3. Time
4. Admin
5. User
6. Doctor
7. Patient
8. Admit patient
9. checkup patient
10. Accountant
11. hospital

Global function\*

**FILES**

1. Login file
2. Doctor Data
3. Admit Patient
4. Checkup Patient
5. Test price
6. Ward price
7. Bill
8. Corona hospital
9. My hospital

**OOPS CONCEPTS**

* Static
* Constant
* Constructors
* Private copy constructors
* Copy constructors
* Data validations
* Inheritance
* Function overload
* Operator overload
* Friend function
* Function override
* Data Validation
* Using base class pointer
* Filing
* Abstract class/Data hiding