**Conceptual Schema of Clinical Doctor System**

**By**

**Kamran Jalil 19pwcse1751**

**Usman Yaqoob 19pwcse1754**

**Muhammad Umar 19pwcse1758**

**Entity Description**

DOCTOR A person that diagnoses, treats and prescribe medicines to patient.

Patient Person who visits doctor for the treatment of any disease or health problem.

Medical Assistant A person who assists the doctor and is Employed by the department.

Medicines Chemical Compounds/drugs that can treat diseases and improve your health which are prescribes buy a doctor.

Pharmacy A place where patients can buy medicines prescribed by the doctor.

Laboratories Special Care units for different tests of patients.

**Business Rules**

1. A Doctor can have at least one assistant or Many assistants and one assistant will assist one and only one Doctor.
2. A doctor can treat many nor no patients at all but a patient can be treated by at least one or many doctors.
3. A patient can have many medicines or no medicine in his prescription and one medicine can be prescribed to many patients or no one.
4. A Doctor can Prescribe many or no medicines and a medicine can be prescribed by many or at least doctor.
5. A medicine can be stocked by many or at least one pharmacy and a Pharmacy can stock at least one medicine or many medicine.
6. A Patient can buy no medicine or many medicines and a pharmacy can sell no medicine or many medicines.