SUWA SAHANA HOSPITAL

GROUP 26

DATA BASE ASSIGNMENT

GROUP MEMBERS

211101 KULATHILAKA M.J.S

211102 KUMARA W.S.S.A.S

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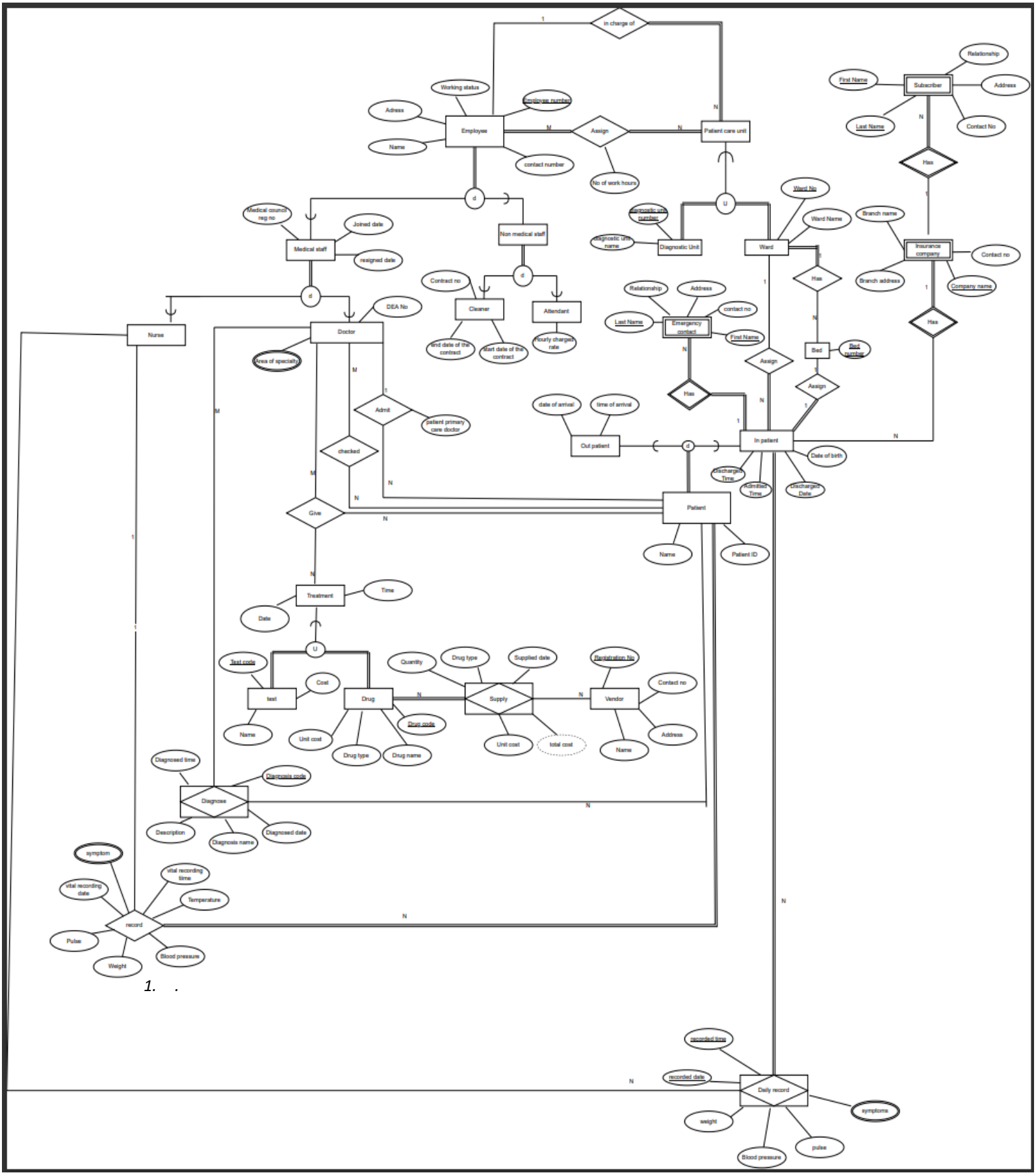
211104 LAKMAL K.P.R

EER Diagram

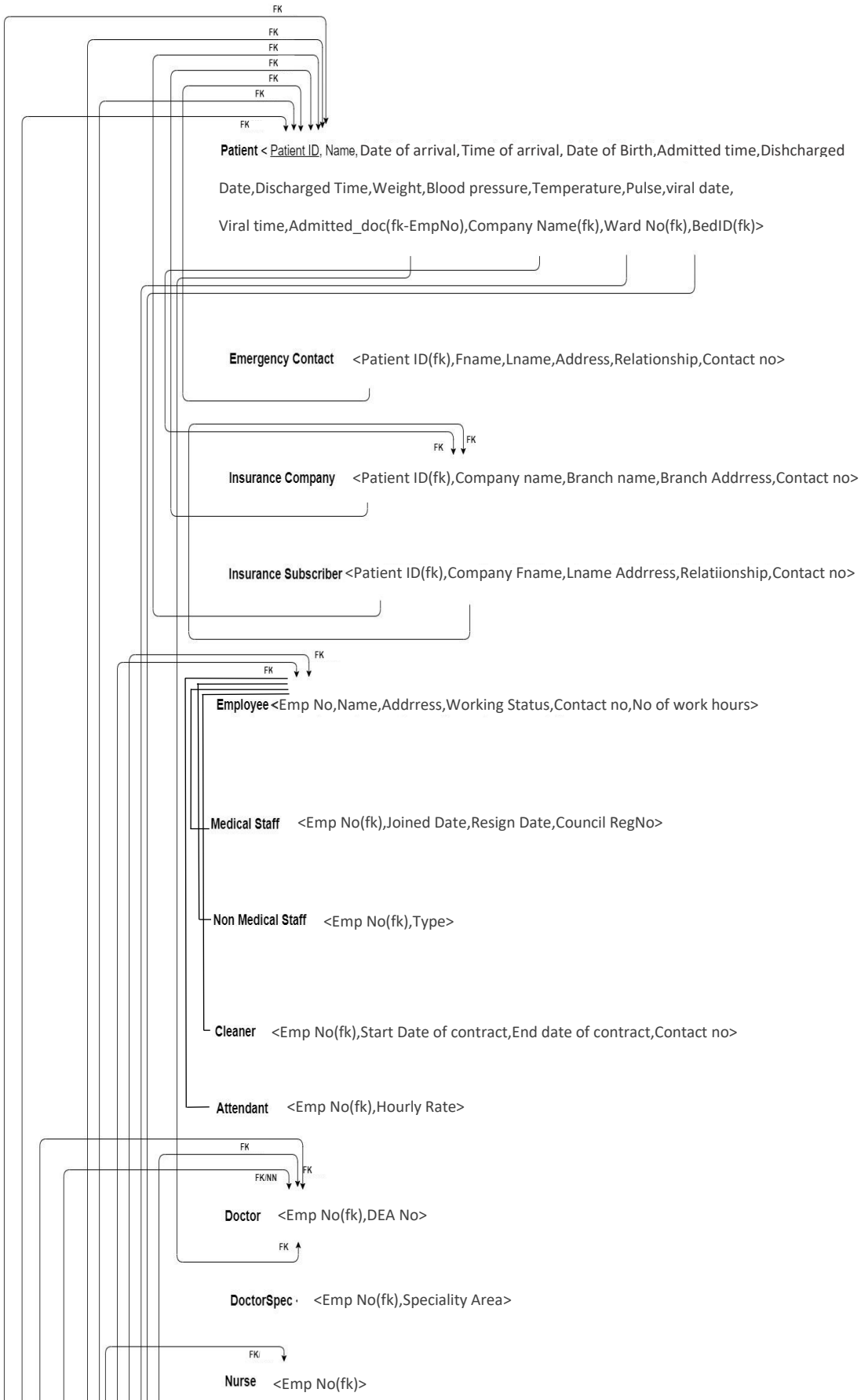


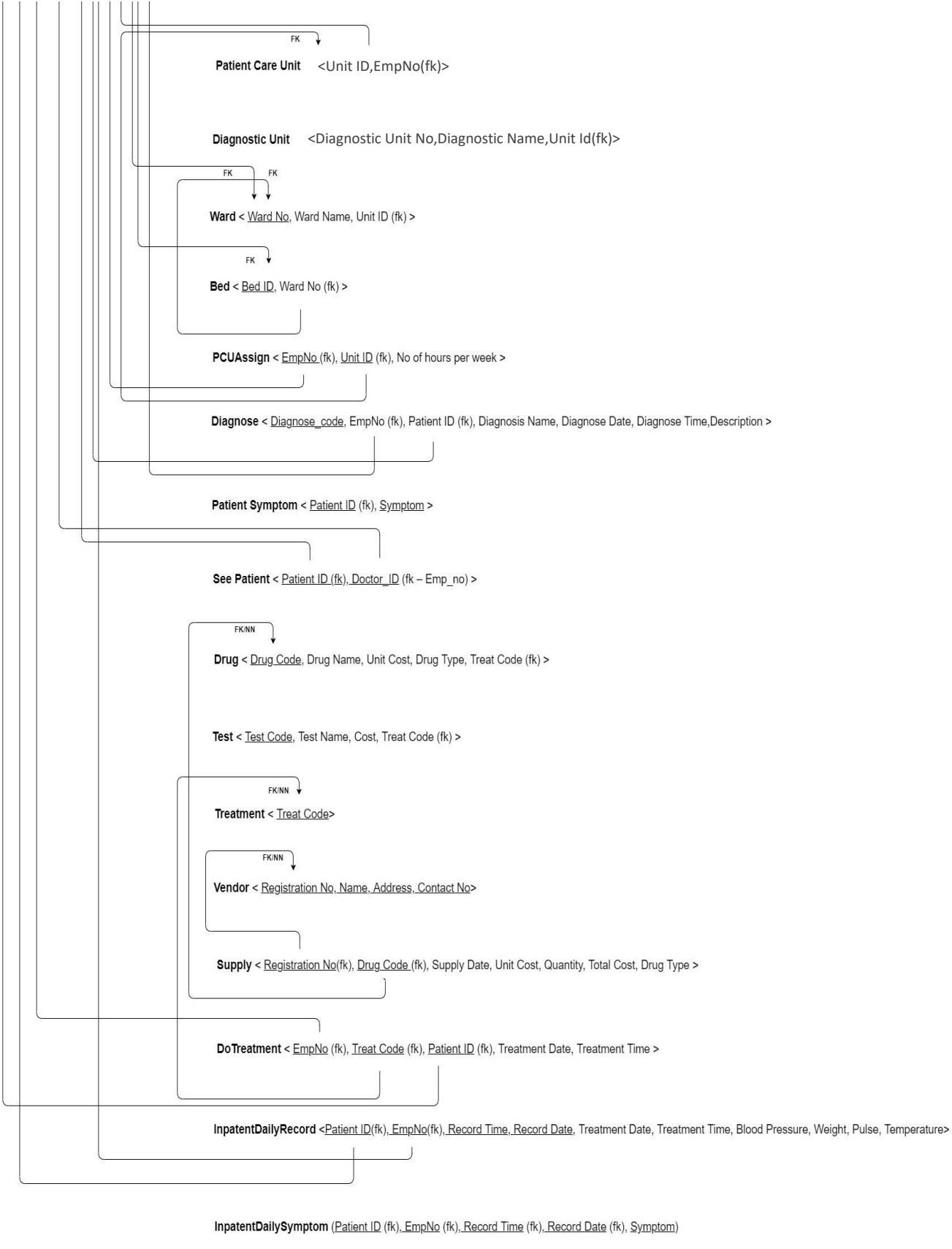
1. .

ASSUMPTION

- *Patients can be both inpatients and out patients –* ***consider as overlap***
- *inpatient assigned to a bed. –* ***total participation inpatients side***
- *should be take every patient first record –* ***total participation assigned***
- *many specialties for a doctor -* ***assigned as multivalued***
- *take every inpatients daily record –* ***assigned total participation***
- *wards must have beds –* ***ward side total participation***
- *there can be bed without patient –* ***bed side partial participation***
- *there is a relationship between doctor and patient to record which doctor come to see the patient*
- *Some patients not have insurance –* ***partial participation***
- *Non medical staff member should be Cleaner or attendant –* ***assigned disjoint***
- *Symptoms of a patient -* ***multivalued attribute***

MAPPING


FK
FK
FK
FK
FK
FK
FK
Patient < Patient ID, Name, Date of arrival, Time of arrival, Date of Birth, Admitted time, Dishcharged Date, Discharged Time, Weight, Blood pressure, Temperature, Pulse, viral date, Viral time, Admitted_doc(fk-EmpNo), Company Name(fk), Ward No(fk), BedID(fk)>
Emergency Contact <Patient ID(fk), Fname, Lname, Address, Relationship, Contact no>
FK
FK
Insurance Company <Patient ID(fk), Company name, Branch name, Branch Addrress, Contact no>
Insurance Subscriber <Patient ID(fk), Company Fname, Lname Addrress, Relatiionship, Contact no>
FK
FK
Employee <Emp No, Name, Addrress, Working Status, Contact no, No of work hours>
Medical Staff <Emp No(fk), Joined Date, Resign Date, Council RegNo>
Non Medical Staff <Emp No(fk), Type>
Cleaner <Emp No(fk), Start Date of contract, End date of contract, Contact no>
Attendant <Emp No(fk), Hourly Rate>
FK
FK/NN
FK
Doctor <Emp No(fk), DEA No>
FK
DoctorSpec <Emp No(fk), Speciality Area>
FK
Nurse <Emp No(fk)>


FK
Patient Care Unit <Unit ID,EmpNo(fk)>
Diagnostic Unit <Diagnostic Unit No,Diagnostic Name,Unit Id(fk)>
FK
FK
Ward < Ward No, Ward Name, Unit ID (fk) >
FK
Bed < Bed ID, Ward No (fk) >
PCUAssign < EmpNo (fk), Unit ID (fk), No of hours per week >
Diagnose < Diagnose_code, EmpNo (fk), Patient ID (fk), Diagnosis Name, Diagnose Date, Diagnose Time,Description >
Patient Symptom < Patient ID (fk), Symptom >
See Patient < Patient ID (fk), Doctor_ID (fk – Emp_no) >
FK/NN
Drug < Drug Code, Drug Name, Unit Cost, Drug Type, Treat Code (fk) >
Test < Test Code, Test Name, Cost, Treat Code (fk) >
FK/NN
Treatment < Treat Code>
FK/NN
Vendor < Registration No, Name, Address, Contact No>
Supply < Registration No(fk), Drug Code (fk), Supply Date, Unit Cost, Quantity, Total Cost, Drug Type >
DoTreatment < EmpNo (fk), Treat Code (fk), Patient ID (fk), Treatment Date, Treatment Time >
InpatentDailyRecord <Patient ID(fk), EmpNo(fk), Record Time, Record Date, Treatment Date, Treatment Time, Blood Pressure, Weight, Pulse, Temperature>
InpatentDailySymptom (Patient ID (fk), EmpNo (fk), Record Time (fk), Record Date (fk), Symptom)

CONTRIBUTION

1. **211101 KULATHILAKA M.J.S** - Implement Front-end with PHP
2. **211102 KUMARA W.S.S.A.S** - EER DIAGRAM
3. **211103 KUMARAPPERUMA K.A.V.C** - Create data base
4. **211104 LAKMAL K.P.R** - Mapping