**Bed DB:**

CREATE TABLE Bed(

bedNo int unique,

floor int(3),

roomNo int(255),

bedStatus varchar(255),

patientId int(255),

PRIMARY KEY (bedNo),

FOREIGN KEY (patientId) REFERENCES patients(ID)

);

**patient DB:**

CREATE TABLE `patients` (

`ID` int NOT NULL,

`firstName` varchar(255) NOT NULL,

`lastName` varchar(255) DEFAULT NULL,

`gender` varchar(6) NOT NULL,

`phoneNumber` varchar(255) DEFAULT NULL,

`dob` varchar(14) DEFAULT NULL,

`address` varchar(255) DEFAULT NULL,

`address2` varchar(255) DEFAULT NULL,

`state` varchar(30) DEFAULT NULL,

`zip` varchar(10) DEFAULT NULL,

`country` varchar(45) DEFAULT NULL,

PRIMARY KEY (`ID`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

**Admin DB:**

CREATE TABLE `admin` (

`user\_ID` int NOT NULL,

`email` varchar(30) DEFAULT NULL,

`pass` varchar(30) DEFAULT NULL

`access` varchar(30) DEFAULT "yes"

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

**staff DB:**

CREATE TABLE `staff` (

`staff\_ID` int NOT NULL,

`email` varchar(30) DEFAULT NULL,

`firstName` varchar(30),

`lastName` varchar(30),

`phoneNumber` varchar(30),

`pass` varchar(30) DEFAULT NULL,

`access` varchar(30) DEFAULT "staff",

`report\_id` varchar(30) unique,

primary key (staff\_ID),

foreign key (report\_id) references report(report\_id)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

**Doctor DB**

CREATE TABLE `doctor` (

`doctor\_ID` int NOT NULL,

`email` varchar(30) DEFAULT NULL,

`pass` varchar(30) DEFAULT NULL,

`access` varchar(30) DEFAULT "doctor",

primary key (doctor\_ID)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

**reportDB:**

CREATE TABLE `report` (

`report\_id` varchar(30) UNIQUE NOT NULL,

`diagnosis` varchar(30) DEFAULT NULL,

`allergy` varchar(30) DEFAULT NULL,

`prescribedmeds` varchar(30) DEFAULT NULL,

`patientId` int(30) DEFAULT NULL,

`doctorId` int(30) not null,

FOREIGN KEY (patientId) REFERENCES patients(ID),

foreign key(doctorId) REFERENCES doctor(doctor\_ID))

\*\*\* ALTER TABLE doctor ADD foreign key (report\_id) references report(report\_id); \*\*\*

\*\*\* ALTER TABLE staff ADD report\_id varchar(30); \*\*\*