## Database Schema

A definition of the database to be implemented.

This includes primary key, foreign key and other constraints to be implemented.

**Schema:** **DoctorAppointSys**

**Relation:** Patient Table

Attributes:

PatientID - Numeric - 3

FirstName – Char – 40

LastName – Char – 40

DOB – Numeric - 8

PhoneNumber – Numeric - 10

Email – Char – 50

**Primary Key:** PatientID

**Relation:** Doctor Table

Attributes:

DoctorID - Numeric - 3

FirstName – Char – 40

LastName – Char – 40

DOB – Char - 8

PhoneNumber – Numeric - 10

Email – Char – 50

**Primary Key:** DoctorID

**Relation:** Appointment Table

Attributes:

Time – Char – 8

Room – Numeric– 3

RoomStatus – Numeric - 1

PatientID - Numeric – 3

DoctorID - Numeric - 3

**Primary Key:** Time

**Foreign Key:** PatientID references Patient Table

**Foreign Key:** DoctorID references Doctor Table

**Relation** Accounts Table

Attributes:

Revenue – Numeric - 8

DoctorWages – Numeric - 6

ReceptionistWages – Numeric – 6

AccountantWages – Numeric – 6

Tax – Numeric - 6

**Primary Key:** Revenue