

```
const PatientSchema = new Schema({
  firstName: { type: String, required: true },
  lastName: { type: String, required: true },
  dateOfBirth: { type: Date, required: true },
  gender: { type: String, enum: ['Male', 'Female', 'Other'], required: true },
  contact number: { type: String, required: true },
  medicalRecords: [{ type: Schema.Types.ObjectId, ref: 'MedicalRecord' }],
  healthProblems : [Array]
});
```

```
module.exports = mongoose.model('Patient', PatientSchema);
```

```
const DoctorSchema = new Schema({
  firstName: { type: String, required: true },
  lastName: { type: String, required: true },
  specialty: { type: String, required: true },
  contactNumber: { type: String, required: true },
  email: { type: String, required: true, unique: true },
  patients: [{ type: Schema.Types.ObjectId, ref: 'Patient' }]
});
```

```
module.exports = mongoose.model('Doctor', DoctorSchema);
```

```
const AdminSchema = new Schema({
  firstName: { type: String, required: true },
  lastName: { type: String, required: true },
  contactNumber: { type: String, required: true },
  email: { type: String, required: true, unique: true },
});
```

```
module.exports = mongoose.model('Admin', AdminSchema);
```

```
const MedicalRecordSchema = new Schema({
  patient: { type: Schema.Types.ObjectId, ref: 'Patient', required: true },
  doctor: { type: Schema.Types.ObjectId, ref: 'Doctor', required: true },
  visitDate: { type: Date, required: true },
  diagnosis: { type: String, required: true },
  treatment: { type: String, required: true },
  prescription: { type: String },
  updatedAt: { type: Date, default: Date.now }
});
```

```
module.exports = mongoose.model('MedicalRecord', MedicalRecordSchema);
```

```
const DocumentSchema = new Schema({
  patient: { type: Schema.Types.ObjectId, ref: 'Patient', required: true },
  fileName: { type: String, required: true },
  fileType: { type: String, required: true },
  fileUrl: { type: String, required: true },
  uploadedAt: { type: Date, default: Date.now }
});
```

```
module.exports = mongoose.model('Document', DocumentSchema);
```

```
patientId: '234',
patientAge: '3',
patientMobile: '1046898',
patientBloodGroup: 'A-',
patientGender: 'Male',
patientName: 'xdenryig'
```

