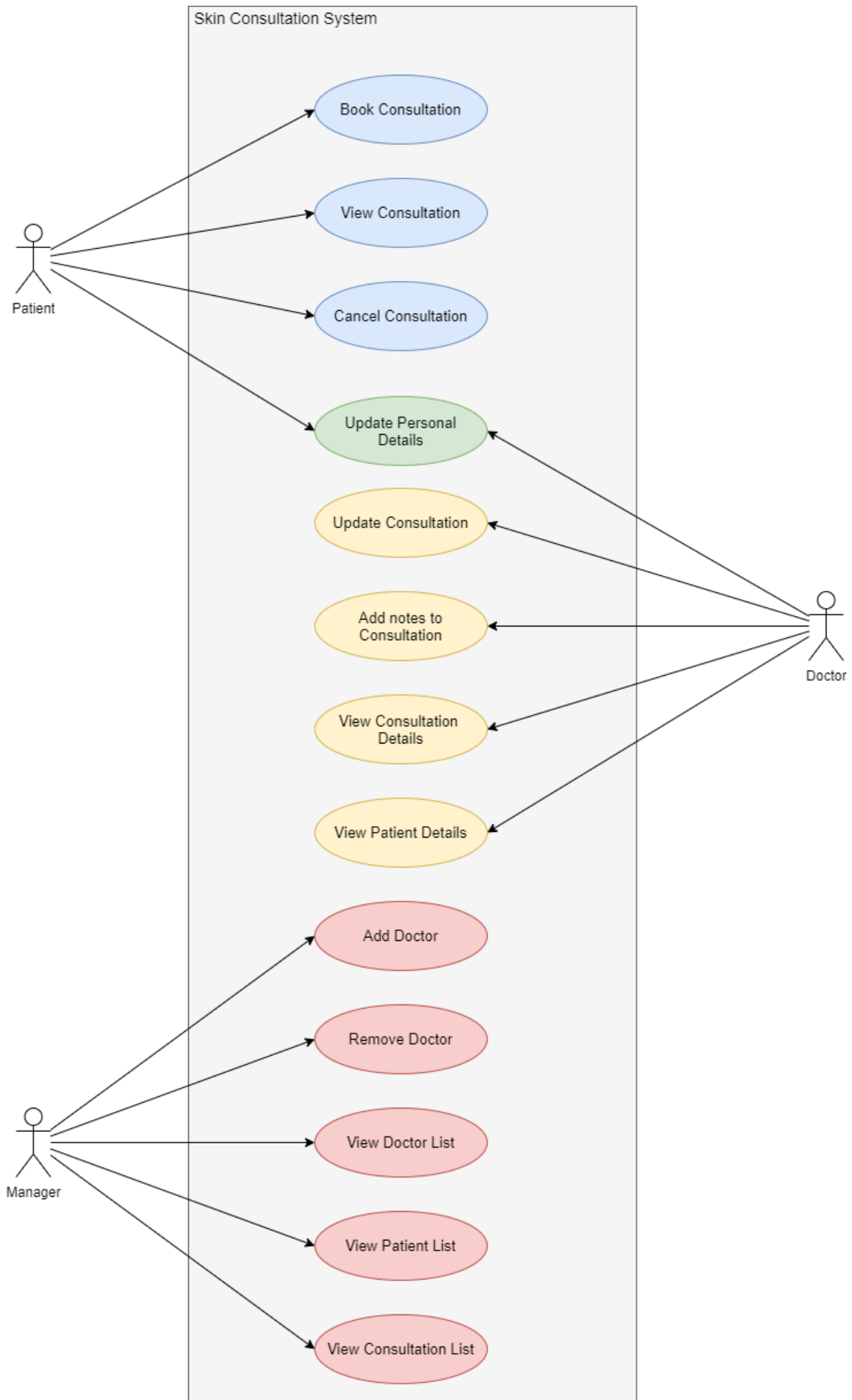# Use Case Diagram

# Class Diagram

## Person

| | | |
|---|---|---|
| + | Person (String, String, String, Date) | |
| | | |
| - | firstName | : String |
| - | mobileNumber | : String |
| - | surName | : String |
| - | dateofBirth | : Date |
| | | |
| + | getFirstName () | : String |
| + | setFirstName (String) | : void |
| + | getMobileNumber () | : String |
| + | setMobileNumber (String) | : void |
| + | getSurName () | : String |
| + | setSurName (String) | : void |
| + | getDateofBirth () | : String |
| + | setDateofBirth (Date) | : void |
| + | toString () | : String |

## Patient

| | | |
|---|---|---|
| + | Patient (String, String, String, String) | |
| | | |
| - | patientId | : String |
| | | |
| + | getPatientId () | : String |
| + | setPatientId (String) | : void |
| + | toString () | : String |

## Doctor

| | | |
|---|---|---|
| + | Doctor (String, String, String, String, String) | |
| - | medicalLicenceNumber | : String |
| - | specialization | : String |
| | | |
| + | getMedicalLicenceNumber () | : String |
| + | setMedicalLicenceNumber (String) | : void |
| + | getSpecialization () | : String |
| + | setSpecialization (String) | : void |
| + | toString () | : String |

## Consultation

| | | |
|---|---|---|
| + | Consultation (String, String, String, Date) | |
| | | |
| - | cost | : String |
| - | notes | : String |
| - | dateTime | : Date |
| | | |
| + | getCost () | : String |
| + | setCost (String) | : void |
| + | getNotes () | : String |
| + | setNotes (String) | : void |
| + | getDateTime () | : String |
| + | setDateTime (Date) | : void |
| + | toString () | : String |

## WestminsterSkinConsultationManager

| | | |
|---|---|---|
| + | WestminsterSkinConsultationManage) | |
| | | |
| - | doctorArrayList | : ArrayList<Doctor> |
| | | |
| + | addNewDoctor () | : void |
| + | deleteDoctor () | : void |
| + | viewDoctor () | : void |
| + | saveDoctor () | : void |
| + | openGUI () | : void |

## SkinConsultationManager

| | |
|---|---|
| + | addNewDoctor () |
| + | deleteDoctor () |
| + | viewDoctor () |
| + | saveDoctor () |
| + | openGUI () |