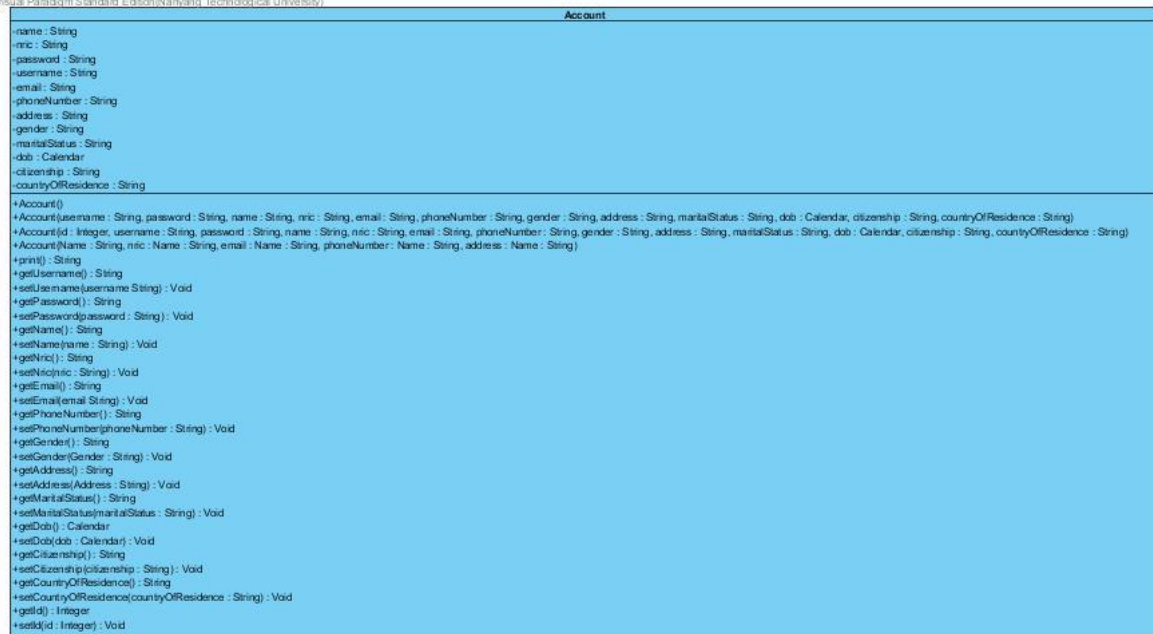


Class Diagram Entity:

Account :

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Appointment :

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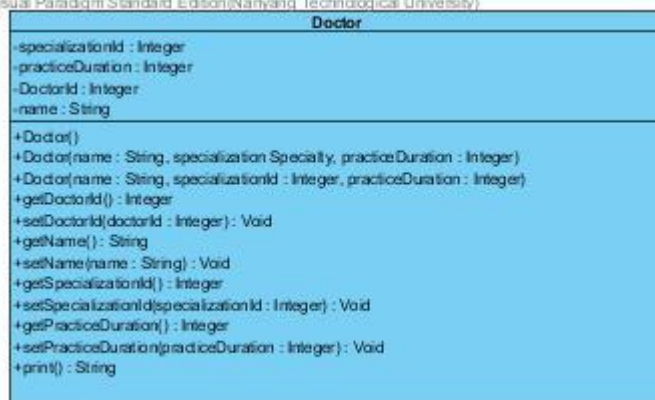
Clinic :

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Doctor :

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Doctor Schedule:

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DoctorSchedule
<div>-scheduleId : Integer</div> <div>-clinicId : Integer</div> <div>-doctorId : Integer</div> <div>-day : String</div>
<div>+DoctorSchedule()</div> <div>+DoctorSchedule(doctorId : Integer, clinicId : Integer, day : String)</div> <div>+DoctorSchedule2(doctorId : Integer, clinicId : Integer, day : String, timeframe : Timeframe)</div> <div>+print() : String</div> <div>+getId() : Integer</div> <div>+setId(id : Integer) : Void</div> <div>+getDoctorId() : Integer</div> <div>+setDoctorId(doctorId : Integer) : Void</div> <div>+getClinicId() : Integer</div> <div>+setClinicId(clinicId : Integer) : Void</div> <div>+getDay() : String</div> <div>+setDay(day : String) : Void</div> <div>+getTimeframe() : Timeframe</div> <div>+setTimeframe(timeframe : Timeframe) : Void</div>

Email :

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Email
<div>-USERNAME : String = "djzass15atgmail.com" {readOnly,leaf}</div> <div>-PASSWORD : String = "medipoint" {readOnly,leaf}</div>
<div>+sendMail(email : String, messageBody : String) : void</div> <div>+createMessage(email : String, messageBody : String, session : Session) : Message</div> <div>+createSessionObject() : Session</div> <div>+SendMailTask()</div>

Notification :

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Notification
<div>+buildNotification(context : Context, body : String, appointment : Appointment) : void</div>

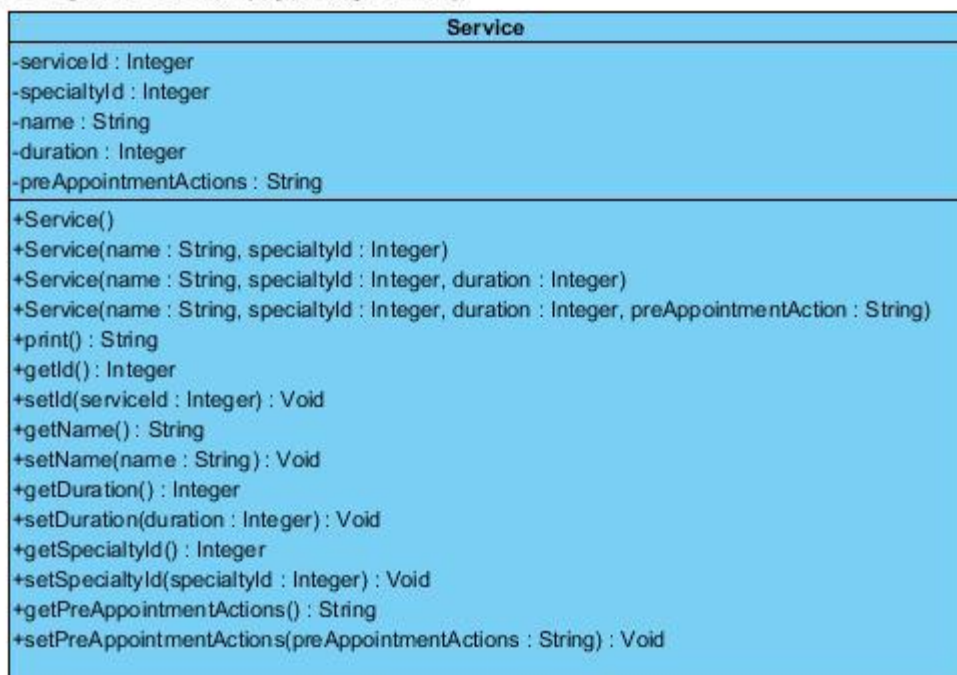
Patient:

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Patient
<div>-allergy : String</div> <div>-age : int</div> <div>-listOfTreatments : String</div> <div>-listOfMedications : String</div> <div>-patientId : int</div> <div>-medicalHistory : String</div>
<div>+Patient()</div> <div>+Patient(username : String, password : String, name : String, nic : String, email : String, phoneNumber : String, gender : String, address : String, maritalStatus : String, dob : Calendar, citizenship : String, countryOfResidence : String, listOfTreatments : String, listOfMedications : String, allergy : String)</div> <div>+Patient(accountId : Integer, patientId : Integer, username : String, password : String, name : String, nic : String, email : String, phoneNumber : String, gender : String, address : String, maritalStatus : String, dob : Calendar, citizenship : String, countryOfResidence : String, listOfTreatments : String, listOfMedications : String, allergy : String)</div> <div>+Patient(name : String, nic : String, email : String, phoneNumber : String, address : String, listOfTreatments : String, listOfMedications : String, allergy : String)</div> <div>+getPatientId() : Integer</div> <div>+setPatientId(patientId : Integer) : Void</div> <div>+getAge() : Integer</div> <div>+setAge(age : Integer) : Void</div> <div>+getListOfTreatments() : String</div> <div>+setListOfTreatments(listOfTreatments : String) : Void</div> <div>+getListOfMedications() : String</div> <div>+setListOfMedications(listOfMedications : String) : Void</div> <div>+getAllergy() : String</div> <div>+setAllergy(allergy : String) : Void</div> <div>+getMedicalHistory() : String</div> <div>+setMedicalHistory(medicalHistory : String) : Void</div>

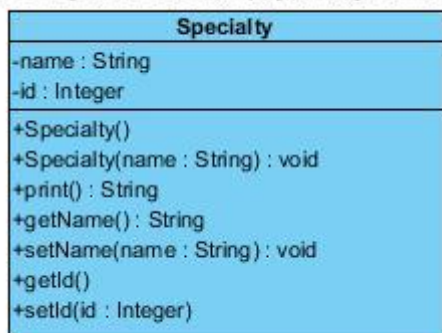
Service :

Visual Paradigm Standard Edition(Nanyang Technological University)



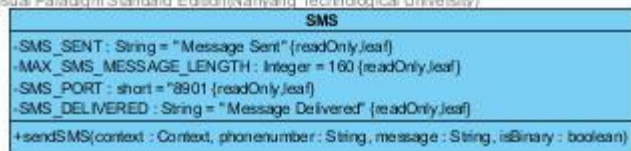
Specialty :

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SMS:

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Timeframe :

Visual Paradigm Standard Edition(Nanyang Technological University)

Timeframe
-startTime -endTime
+Timeframe(startTime : Integer, endTime : Integer) +setStartTime(startTime : Integer) : Void +setEndTime(endTime : Integer) : Void +getStartTime() : Integer +getEndTime() : Integer