Patient Management Application

ADD

READ

UPDATE

DELETE

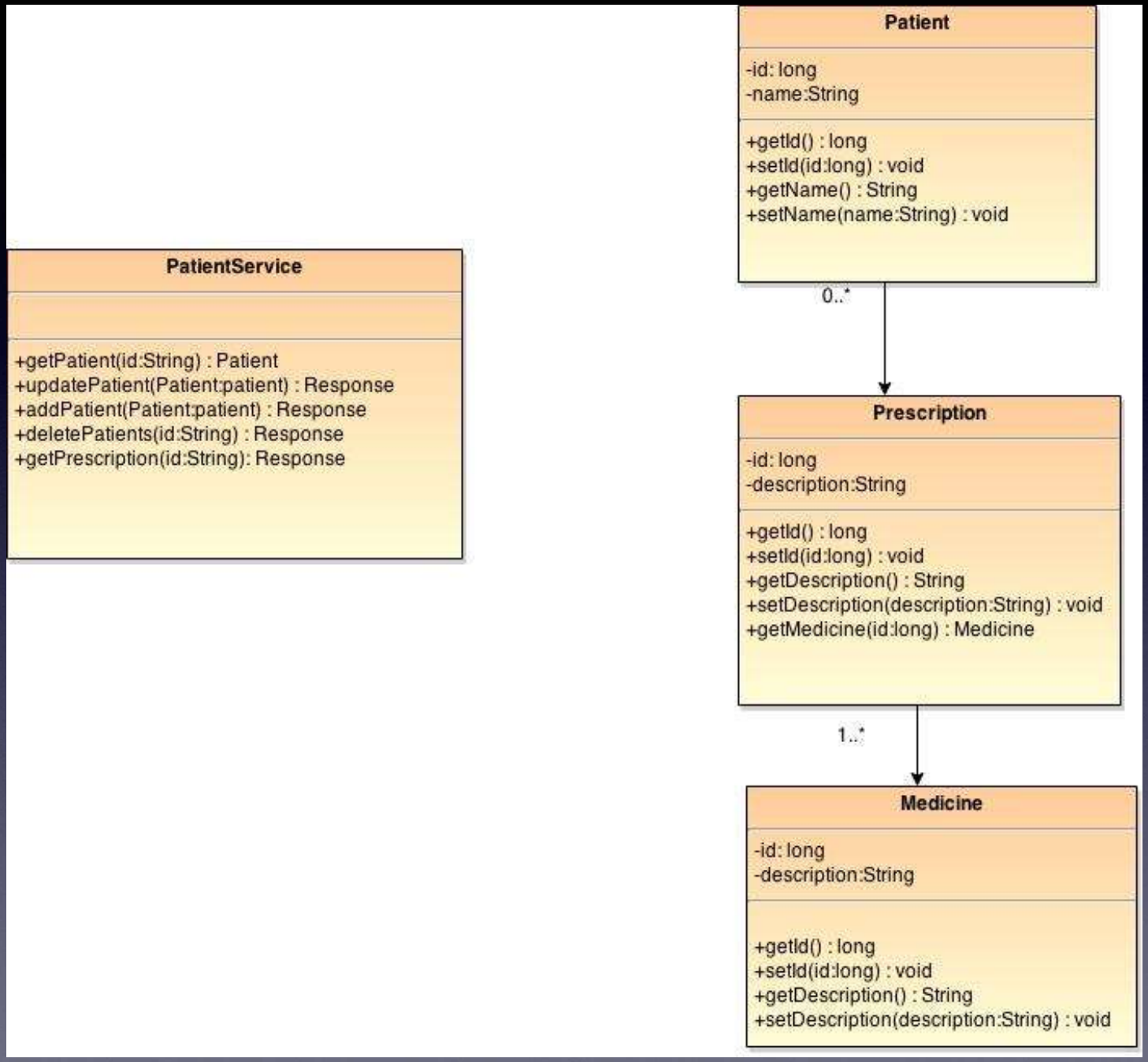
4 Design Steps:

Identify the resources

Create the URIs to access those resources

Assign the HTTP methods

Choose the data format


Patient
-id: long
-name:String
+getId() : long
+setId(id:long) : void
+getName() : String
+setName(name:String) : void
0..*
PatientService
+getPatient(id:String) : Patient
+updatePatient(Patient:patient) : Response
+addPatient(Patient:patient) : Response
+deletePatients(id:String) : Response
+getPrescription(id:String): Response
Prescription
-id: long
-description:String
+getId() : long
+setId(id:long) : void
+getDescription() : String
+setDescription(description:String) : void
+getMedicine(id:long) : Medicine
1..*
Medicine
-id: long
-description:String
+getId() : long
+setId(id:long) : void
+getDescription() : String
+setDescription(description:String) : void

Creating URIs

Creating a Patient

/patients

READING Patient

/patients/{id}

Updating Patient

/patients

Removing Patient

/patients/{id}

HTTP METHODS

GET

POST

PUT

DELETE

Data Format

Read Request:

/patients/123

Read Response:

```
<Patient>
    <id>123</id>
   <name>Bharath</name>
</Patient>
```

Create:

```
<Patient>
    <name>Bharath</name>
</Patient>
```

Create Response:

```
<Patient>
    <id>124</id>
    <name>Bharath</name>
</Patient>
```

Update Request:

```
<Patient>
    <id>124</id>
   <name>Bharath</name>
</Patient>
```

Update Response:

HTTP/1.1 200 OK

Delete Request:

/patients/123

Delete Response:

HTTP/1.1 200 OK