Đề tài: Quản lý đặt phòng khách sạn

Gồm các class:

- ThanhPho
- KhachSan
- Phong
- DatPhong
- TaiKhoan

TaiKhoan gồm có 2 SubClassOf:

- TKNhanVien
- TKKhachHang

Object Properties:

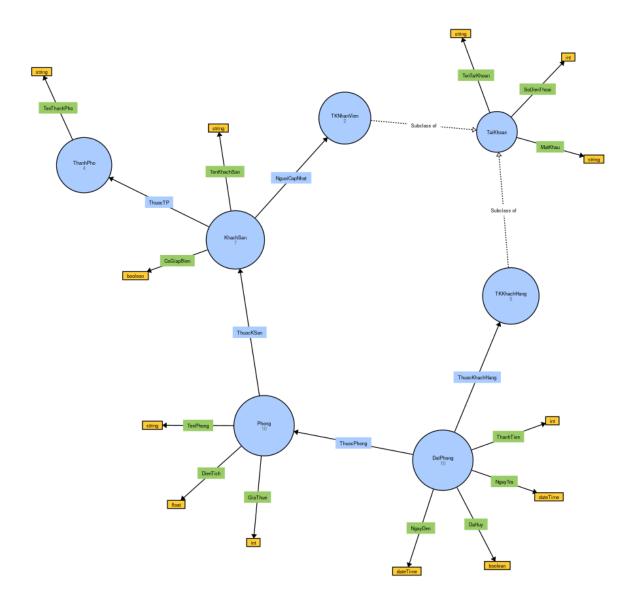
- KhachSan −NguoiCapNhat→ TKNhanVien
- Phong −ThuocKSan→ KhachSan
- DatPhong −ThuocPhong→Phong
- DatPhong —ThuocKhachHang → TKKhachHang

Data Proterties

- ThanhPho
 - o TenThanhPho <string>
 - KhachSan
 - o TenKhachSan <string>
 - o CoGiapBien <boolen>
- TaiKhoan
 - o TenTaiKhoan <string>
 - O MatKhau <string>
 - o SoDienThoai <int>
- Phong
 - o TenPhong <string>
 - O DienTich <float>
 - o GiaThue <int>
- DatPhong
 - O NgayDen <dateTime>

- O NgayTra <dateTime>
- o ThanhTien <int>
- o DaHuy <boolen>

Lược đồ



```
File: QLKS.owl
```

```
<?xml version="1.0"?>
<rdf:RDF xmlns="http://www.semanticweb.org/mrcha/ontologies/2020/10/untitled-ontology-</pre>
11#"
  xml:base="http://www.semanticweb.org/mrcha/ontologies/2020/10/untitled-ontology-11"
  xmlns:owl="http://www.w3.org/2002/07/owl#"
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:xml="http://www.w3.org/XML/1998/namespace"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
  xmlns:QLKS="http://people.brunel.ac.uk/~csstnns/QLKS.owl#"
  xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#">
  <owl:Ontology rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl"/>
  <!--
  //
  // Object Properties
  //
  -->
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#NguoiCapNhat -->
  <owl>owl:ObjectProperty
rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#NguoiCapNhat">
    <rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KhachSan"/>
    <rdfs:range rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TKNhanVien"/>
  </owl:ObjectProperty>
```

```
<!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThuocKSan -->
  <owl:ObjectProperty rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThuocKSan">
     <rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#Phong"/>
     <rdfs:range rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KhachSan"/>
  </owl:ObjectProperty>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThuocKhachHang -->
  <owl:ObjectProperty
rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThuocKhachHang">
     <rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DatPhong"/>
     <rdfs:range
rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TKKhachHang"/>
  </owl:ObjectProperty>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThuocPhong -->
  <owl:ObjectProperty
rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThuocPhong">
     <rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DatPhong"/>
     <rdfs:range rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#Phong"/>
  </owl:ObjectProperty>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThuocTP -->
  <owl:ObjectProperty rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThuocTP">
```

```
<rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KhachSan"/>
    <rdfs:range rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThanhPho"/>
  </owl:ObjectProperty>
  <!--
 //
 // Data properties
 //
 -->
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#CoGiapBien -->
  <owl:DatatypeProperty
rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#CoGiapBien">
    <rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KhachSan"/>
    <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#boolean"/>
  </owl:DatatypeProperty>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#DaHuy -->
  <owl:DatatypeProperty rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DaHuy">
    <rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DatPhong"/>
    <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#boolean"/>
  </owl:DatatypeProperty>
```

```
<!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#DienTich -->
  <owl:DatatypeProperty rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DienTich">
     <rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#Phong"/>
     <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#float"/>
  </owl:DatatypeProperty>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#GiaThue -->
  <owl:DatatypeProperty rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#GiaThue">
     <rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#Phong"/>
     <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#int"/>
  </owl:DatatypeProperty>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#MatKhau -->
  <owl:DatatypeProperty
rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#MatKhau">
     <rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TaiKhoan"/>
     <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
  </owl:DatatypeProperty>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#NgayDen -->
  <owl: DatatypeProperty
rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#NgayDen">
```

```
<rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DatPhong"/>
     <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#dateTime"/>
  </owl:DatatypeProperty>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#NgayTra -->
  <owl:DatatypeProperty rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#NgayTra">
     <rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DatPhonq"/>
     <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#dateTime"/>
  </owl:DatatypeProperty>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#SoDienThoai -->
  <owl:DatatypeProperty</pre>
rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#SoDienThoai">
     <rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TaiKhoan"/>
     <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#int"/>
  </owl:DatatypeProperty>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#TenKhachSan -->
  <owl:DatatypeProperty
rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TenKhachSan">
     <rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KhachSan"/>
     <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
  </owl:DatatypeProperty>
```

```
<!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#TenPhong -->
  <owl: DatatypeProperty
rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TenPhong">
     <rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#Phong"/>
     <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
  </owl:DatatypeProperty>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#TenTaiKhoan -->
  <owl:DatatypeProperty</pre>
rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TenTaiKhoan">
     <rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TaiKhoan"/>
     <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
  </owl:DatatypeProperty>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#TenThanhPho -->
  <owl: DatatypeProperty
rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TenThanhPho">
     <rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThanhPho"/>
     <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
  </owl:DatatypeProperty>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThanhTien -->
```

```
<owl:DatatypeProperty
rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThanhTien">
    <rdfs:domain rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DatPhong"/>
    <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#int"/>
  </owl:DatatypeProperty>
  <!--
 //
 // Classes
 //
 -->
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#DatPhong -->
  <owl:Class rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DatPhong"/>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#KhachSan -->
  <owl:Class rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KhachSan"/>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#Phong -->
  <owl:Class rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#Phong"/>
```

```
<!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#TKKhachHang -->
  <owl:Class rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TKKhachHang">
     <rdfs:subClassOf
rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TaiKhoan"/>
  </owl:Class>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#TKNhanVien -->
  <owl:Class rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TKNhanVien">
     <rdfs:subClassOf
rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TaiKhoan"/>
  </owl:Class>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#TaiKhoan -->
  <owl:Class rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TaiKhoan"/>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThanhPho -->
  <owl:Class rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThanhPho"/>
```

```
<!--
 //
 // Individuals
 //
 -->
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP1 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP1">
    <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DatPhong"/>
    <QLKS:ThuocKhachHang
rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH1"/>
    <QLKS:ThuocPhong rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P1"/>
    <QLKS:DaHuy
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">false</QLKS:DaHuy>
    <QLKS:NgayDen rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-
10-26T08:00:00</QLKS:NgayDen>
    <QLKS:NgayTra rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-10-
28T09:00:00</QLKS:NgayTra>
    <OLKS:ThanhTien
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">1500000</QLKS:ThanhTien>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP10 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP10">
    <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DatPhong"/>
```

```
<QLKS:ThuocKhachHang
rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH1"/>
     <QLKS:ThuocPhong rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P2"/>
     <QLKS:DaHuy
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">false</QLKS:DaHuy>
     <QLKS:NgayDen rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-
11-20T08:00:00</QLKS:NgayDen>
     <QLKS:NgayTra rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-11-
25T09:00:00</QLKS:NgayTra>
     <QLKS:ThanhTien
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">2500000</QLKS:ThanhTien>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP2 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/OLKS.owl#DP2">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DatPhong"/>
     <QLKS:ThuocKhachHang
rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH2"/>
     <QLKS:ThuocPhong rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P2"/>
     <QLKS:DaHuy
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">false</OLKS:DaHuy>
     <QLKS:NgayDen rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-
10-26T08:00:00</QLKS:NgayDen>
     <QLKS:NgayTra rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-10-
28T09:00:00</QLKS:NgayTra>
     <QLKS:ThanhTien
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">1500000</QLKS:ThanhTien>
  </owl:NamedIndividual>
```

```
<!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP3 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP3">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DatPhong"/>
     <QLKS:ThuocKhachHang
rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH3"/>
     <QLKS:ThuocPhong rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P3"/>
     <OLKS:DaHuy
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">false</QLKS:DaHuy>
     <QLKS:NgayDen rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-
10-26T08:00:00</QLKS:NgayDen>
     <QLKS:NgayTra rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-10-
28T09:00:00</QLKS:NgayTra>
     <QLKS:ThanhTien
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">1500000</QLKS:ThanhTien>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP4 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP4">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DatPhong"/>
     <QLKS:ThuocKhachHang
rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH4"/>
     <QLKS:ThuocPhong rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P4"/>
     <QLKS:DaHuy
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">false</QLKS:DaHuy>
     <QLKS:NgayDen rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-
11-10T08:00:00</QLKS:NgayDen>
```

```
<QLKS:NgayTra rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-11-
13T09:00:00</QLKS:NgayTra>
     <QLKS:ThanhTien
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">2000000</QLKS:ThanhTien>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP5 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP5">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.ow#DatPhong"/>
     <QLKS:ThuocKhachHang
rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH5"/>
     <QLKS:ThuocPhong rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P5"/>
     <QLKS:DaHuy
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">false</QLKS:DaHuy>
     <QLKS:NgayDen rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-
10-26T08:00:00</QLKS:NgayDen>
     <QLKS:NgayTra rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-10-
28T09:00:00</QLKS:NgayTra>
     <QLKS:ThanhTien
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">1500000</QLKS:ThanhTien>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP6 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP6">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DatPhong"/>
     <QLKS:ThuocKhachHang
rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH2"/>
     <QLKS:ThuocPhong rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P1"/>
```

```
<QLKS:DaHuy
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">false</QLKS:DaHuy>
     <QLKS:NgayDen rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-
11-10T08:00:00</QLKS:NgayDen>
     <QLKS:NgayTra rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-11-
11T09:00:00</QLKS:NgayTra>
     <QLKS:ThanhTien
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">1000000</QLKS:ThanhTien>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/OLKS.owl#DP7 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP7">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DatPhong"/>
     <QLKS:ThuocKhachHang
rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH2"/>
     <QLKS:ThuocPhong rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P1"/>
     <OLKS:DaHuy
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">true</OLKS:DaHuy>
     <QLKS:NgayDen rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-
10-26T08:00:00</QLKS:NgayDen>
     <QLKS:NgayTra rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-10-
28T09:00:00</QLKS:NgayTra>
     <QLKS:ThanhTien
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">1500000</QLKS:ThanhTien>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP8 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP8">
```

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<rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.ow#DatPhong"/>
     <QLKS:ThuocKhachHang
rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH3"/>
     <QLKS:ThuocPhong rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P8"/>
     <QLKS:DaHuy
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">false</QLKS:DaHuy>
     <QLKS:NgayDen rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-
11-20T08:00:00</QLKS:NgayDen>
     <QLKS:NgayTra rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-11-
24T09:00:00</QLKS:NgayTra>
     <OLKS:ThanhTien
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">2500000</QLKS:ThanhTien>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP9 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DP9">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#DatPhong"/>
     < OLKS: ThuocKhachHang
rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH5"/>
     <QLKS:ThuocPhong rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P9"/>
     <QLKS:DaHuy
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">true</QLKS:DaHuy>
     <QLKS:NgayDen rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-
10-26T08:00:00</QLKS:NgayDen>
     <QLKS:NgayTra rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2020-10-
28T09:00:00</QLKS:NgayTra>
     <QLKS:ThanhTien
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">1500000</QLKS:ThanhTien>
  </owl:NamedIndividual>
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<!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH1 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH1">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TKKhachHang"/>
     <OLKS:MatKhau
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">123</QLKS:MatKhau>
     <QLKS:SoDienThoai
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">1234552342</QLKS:SoDienThoai>
     <QLKS:TenTaiKhoan rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Khach
Hang 1</QLKS:TenTaiKhoan>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH2 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH2">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TKKhachHang"/>
     <QLKS:MatKhau
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">123</QLKS:MatKhau>
     <QLKS:SoDienThoai
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">12123123123</QLKS:SoDienThoai>
     <QLKS:TenTaiKhoan rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Khach
Hang 2</QLKS:TenTaiKhoan>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH3 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH3">
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<rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TKKhachHang"/>
     <QLKS:MatKhau
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">123</QLKS:MatKhau>
     <QLKS:SoDienThoai
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">1321312312312321</QLKS:SoDienTh
oai>
     <QLKS:TenTaiKhoan rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Khach
Hang 3</OLKS:TenTaiKhoan>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH4 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH4">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TKKhachHang"/>
     <QLKS:MatKhau
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">123</QLKS:MatKhau>
     <QLKS:SoDienThoai
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">1234</QLKS:SoDienThoai>
     <QLKS:TenTaiKhoan rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Khach
Hang 4</OLKS:TenTaiKhoan>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH5 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KH5">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TKKhachHang"/>
     <QLKS:MatKhau
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">123</QLKS:MatKhau>
     <QLKS:SoDienThoai
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">1234234324</QLKS:SoDienThoai>
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<QLKS:TenTaiKhoan rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Khach
Hang 5</QLKS:TenTaiKhoan>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS1 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS1">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KhachSan"/>
     <QLKS:ThuocTP rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TP1"/>
     <QLKS:CoGiapBien
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">true</QLKS:CoGiapBien>
     <QLKS:TenKhachSan rdf:datatype="http://www.w3.org/2001/XMLSchema#string"> Khách
San A</QLKS:TenKhachSan>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS2 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS2">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KhachSan"/>
     <QLKS:ThuocTP rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TP2"/>
     <QLKS:CoGiapBien
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">false</QLKS:CoGiapBien>
     <QLKS:TenKhachSan rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Khách
San B</QLKS:TenKhachSan>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS3 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS3">
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<rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KhachSan"/>
     <QLKS:ThuocTP rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TP3"/>
     <QLKS:CoGiapBien
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">true</QLKS:CoGiapBien>
     <QLKS:TenKhachSan rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Khách
San C</QLKS:TenKhachSan>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS4 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS4">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KhachSan"/>
     <QLKS:ThuocTP rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TP4"/>
     <OLKS:CoGiapBien
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">false</QLKS:CoGiapBien>
     <QLKS:TenKhachSan rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Khách
San D</QLKS:TenKhachSan>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS5 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS5">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KhachSan"/>
     <QLKS:ThuocTP rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TP1"/>
     <QLKS:CoGiapBien
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">false</QLKS:CoGiapBien>
     <QLKS:TenKhachSan rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Khách
San E</QLKS:TenKhachSan>
  </owl:NamedIndividual>
```

```
<!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS6 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS6">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KhachSan"/>
     <QLKS:ThuocTP rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TP1"/>
     <QLKS:CoGiapBien
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">true</QLKS:CoGiapBien>
     <QLKS:TenKhachSan rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Khách
San F</OLKS:TenKhachSan>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS7 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS7">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KhachSan"/>
     <QLKS:ThuocTP rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TP2"/>
     <QLKS:CoGiapBien
rdf:datatype="http://www.w3.org/2001/XMLSchema#boolean">true</QLKS:CoGiapBien>
     <QLKS:TenKhachSan rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Khách
San H</QLKS:TenKhachSan>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#NV1 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.ow/#NV1">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TKNhanVien"/>
     <QLKS:MatKhau
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">admin123</QLKS:MatKhau>
```

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<QLKS:SoDienThoai
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">123445</QLKS:SoDienThoai>
     <QLKS:TenTaiKhoan rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Nhan
Vien 1</QLKS:TenTaiKhoan>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#NV2 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#NV2">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/OLKS.owl#TKNhanVien"/>
     <OLKS:MatKhau
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">admin123</QLKS:MatKhau>
     <QLKS:SoDienThoai
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">1234342</QLKS:SoDienThoai>
     <QLKS:TenTaiKhoan rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Nhan
Vien 2</QLKS:TenTaiKhoan>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/OLKS.owl#P1 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P1">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#Phong"/>
     <QLKS:ThuocKSan rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS1"/>
     <QLKS:DienTich
rdf:datatype="http://www.w3.org/2001/XMLSchema#float">30.0</QLKS:DienTich>
     <OLKS:GiaThue
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">800000</QLKS:GiaThue>
     <QLKS:TenPhong rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Phong
101</QLKS:TenPhong>
  </owl:NamedIndividual>
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```
<!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#P10 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P10">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#Phong"/>
     <QLKS:ThuocKSan rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS2"/>
     <QLKS:DienTich
rdf:datatype="http://www.w3.org/2001/XMLSchema#float">25.0</QLKS:DienTich>
     <QLKS:GiaThue
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">700000</QLKS:GiaThue>
     <QLKS:TenPhong rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Phong
202</QLKS:TenPhong>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#P2 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P2">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#Phong"/>
     <QLKS:ThuocKSan rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS2"/>
     <QLKS:DienTich
rdf:datatype="http://www.w3.org/2001/XMLSchema#float">20.0</QLKS:DienTich>
     <QLKS:GiaThue
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">600000</QLKS:GiaThue>
     <QLKS:TenPhong rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Phong
201</QLKS:TenPhong>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#P3 -->
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<owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P3">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#Phong"/>
     <QLKS:ThuocKSan rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS3"/>
     <OLKS:DienTich
rdf:datatype="http://www.w3.org/2001/XMLSchema#float">35.0</QLKS:DienTich>
     <QLKS:GiaThue
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">700000</QLKS:GiaThue>
     <QLKS:TenPhong rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Phong
301</QLKS:TenPhong>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#P4 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P4">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#Phong"/>
     <QLKS:ThuocKSan rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS4"/>
     <QLKS:DienTich
rdf:datatype="http://www.w3.org/2001/XMLSchema#float">40.0</QLKS:DienTich>
     <QLKS:GiaThue
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">900000</QLKS:GiaThue>
     <QLKS:TenPhong rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Phong
401</QLKS:TenPhong>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#P5 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P5">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#Phong"/>
     <QLKS:ThuocKSan rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS5"/>
```

```
<QLKS:DienTich
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     <QLKS:GiaThue
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">850000</QLKS:GiaThue>
     <QLKS:TenPhong rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Phong
501</QLKS:TenPhong>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#P6 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/OLKS.owl#P6">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#Phong"/>
     <QLKS:ThuocKSan rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS6"/>
     <QLKS:DienTich
rdf:datatype="http://www.w3.org/2001/XMLSchema#float">36.0</QLKS:DienTich>
     <QLKS:GiaThue
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">860000</QLKS:GiaThue>
     <QLKS:TenPhong rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Phong
601</QLKS:TenPhong>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/OLKS.owl#P7 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P7">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#Phong"/>
     <QLKS:ThuocKSan rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS7"/>
     <QLKS:DienTich
rdf:datatype="http://www.w3.org/2001/XMLSchema#float">25.0</QLKS:DienTich>
     <OLKS:GiaThue
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">650000</QLKS:GiaThue>
```

```
<QLKS:TenPhong rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Phong
701</QLKS:TenPhong>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#P8 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P8">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#Phong"/>
     <QLKS:ThuocKSan rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS1"/>
     <QLKS:DienTich
rdf:datatype="http://www.w3.org/2001/XMLSchema#float">25.0</QLKS:DienTich>
     <QLKS:GiaThue
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">650000</QLKS:GiaThue>
     <QLKS:TenPhong rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Phong
102</QLKS:TenPhong>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/OLKS.owl#P9 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#P9">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/OLKS.owl#Phong"/>
     <QLKS:ThuocKSan rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#KS1"/>
     <QLKS:DienTich
rdf:datatype="http://www.w3.org/2001/XMLSchema#float">35.0</QLKS:DienTich>
     <QLKS:GiaThue
rdf:datatype="http://www.w3.org/2001/XMLSchema#int">820000</QLKS:GiaThue>
     <QLKS:TenPhong rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Phong
103</QLKS:TenPhong>
  </owl:NamedIndividual>
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```
<!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#TP1 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TP1">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThanhPho"/>
     <QLKS:TenThanhPho rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Hà
Nội</QLKS:TenThanhPho>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#TP2 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TP2">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThanhPho"/>
     <QLKS:TenThanhPho rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Hồ Chí
Minh</QLKS:TenThanhPho>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#TP3 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.owl#TP3">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThanhPho"/>
     <QLKS:TenThanhPho rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Đà
Nång</QLKS:TenThanhPho>
  </owl:NamedIndividual>
  <!-- http://people.brunel.ac.uk/~csstnns/QLKS.owl#TP4 -->
  <owl:NamedIndividual rdf:about="http://people.brunel.ac.uk/~csstnns/QLKS.ow#TP4">
     <rdf:type rdf:resource="http://people.brunel.ac.uk/~csstnns/QLKS.owl#ThanhPho"/>
```

https://github.com/owlcs/owlapi -->