

## 1. Définition du service en WSDL :

```
<definitions xmlns="http://schemas.xmlsoap.org/wsdl/">
  <service name="HotelService">
    <port name="HotelPort" binding="tns:HotelBinding">
      <soap:address location="http://www.votre-hotel.com/service"/>
    </port>
  </service>
```

```
<binding name="HotelBinding" type="tns:HotelPortType">
  <soap:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
  <operation name="rechercherChambres">
    <soap:operation soapAction="http://www.votre-hotel.com/rechercherChambres"/>
    <input><soap:body use="literal"/></input>
    <output><soap:body use="literal"/></output>
  </operation>
```

```
<operation name="reserverChambre">
  <soap:operation soapAction="http://www.votre-hotel.com/reserverChambre"/>
  <input><soap:body use="literal"/></input>
  <output><soap:body use="literal"/></output>
</operation>
</binding>
```

```
<portType name="HotelPortType">
  <operation name="rechercherChambres">
    <input message="tns:RechercheMessage"/>
    <output message="tns:DetailsChambres"/>
  </operation>
```

</portType>

```
<message name="RechercheMessage">
  <part name="date" type="xsd:date"/>
  <part name="ville" type="xsd:string"/>
</message>
```

```
<message name="DetailsChambresMessage">
  <part name="chambresDisponibles" type="xsd:string"/>
</message>
```

```
<message name="ReservationMessage">
  <part name="idChambre" type="xsd:int"/>
  <part name="dateDebut" type="xsd:date"/>
  <part name="dateFin" type="xsd:date"/>
  <part name="informationsClient" type="xsd:string"/>
</message>
```

```
<message name="ConfirmationMessage">
  <part name="confirmation" type="xsd:string"/>
</definitions>
```

## 2. Requête SOAP:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ser="http://schemas.xmlsoap.org/soap/encoding/">
  <soapenv:Header/>
  <soapenv:Body>
    <tns:rechercherChambres xmlns="http://schemas.xmlsoap.org/wsdl/">
```

```
<date>2024-03-15</date>

<ville>Tunis</ville>

</tns:rechercherChambres>

</soapenv:Body>

</soapenv:Envelope>
```

### 3. Réponse SOAP:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:tns="http://example.com/reservation">

  <soapenv:Header/>

  <soapenv:Body>

    <tns:DetailsChambresMessage>

      <chambresDisponibles>

        <chambre>

          <id>123</id>

          <type>Suite</type>

          <prix>200</prix>

          <disponibilite>Disponible</disponibilite>

        </chambre>

        <chambre>

          <id>456</id>

          <type>Chambre Simple</type>

          <prix>100</prix>

          <disponibilite>Disponible</disponibilite>

        </chambre>

      </chambresDisponibles>

    </tns:DetailsChambresMessage>
```

</soapenv:Body>

</soapenv:Envelope>