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>