```xml
<?xml version="1.0"?>
<wsdl:definitions xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/">
   <wsdl:types>
      <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema">
         <xsd:element name="ProductType">
      <xsd:complexType>
         <xsd:element name="ServiceType" type="string"/>
      </xsd:complexType>
   </xsd:element>

   <xsd:element name="GetInformation">
      <xsd:complexType>
         <xsd:sequence>
            <xsd:element name="productID" type="string"/>
            <xsd:element name="location">
               <xsd:complexType>
                  <xsd:sequence>
                     <xsd:element name="longitude" type="double"/>
                     <xsd:element name="latitude" type="double"/>
                  </xsd:sequence>
               </xsd:complexType>
            </xsd:element>
            <xsd:element name="numberAvailable" type="int"/>
            <xsd:element name="price" type="int"/>
            <xsd:element name="picture" type="xsd:ENTITY"/>
            <xsd:element name="description" type="string"/>
            <xsd:element name="merchantID" type="string"/>
         </xsd:sequence>
      </xsd:complexType>
   </xsd:element>

   <xsd:element name="PurchaseRequest">
      <xsd:complexType>
         <xsd:sequence>
            <xsd:element name="productID" type="string"/>
            <xsd:element name="consumerLocation">
               <xsd:complexType>
                  <xsd:sequence>
                     <xsd:element name="longitude" type="double"/>
                     <xsd:element name="latitude" type="double"/>
                  </xsd:sequence>
               </xsd:complexType>
            </xsd:element>
            <xsd:element name="numberOrdered" type="int"/>
            <xsd:element name="requestID" type="string"/>
            <xsd:element name="merchantID" type="string"/>
            <xsd:element name="consumerID" type="string"/>
         </xsd:sequence>
      </xsd:complexType>
   </xsd:element>

   <xsd:element name="PurchaseResponse">
      <xsd:complexType>
         <xsd:element name="requestID" type="string"/>
         <xsd:element name="response" type="string"/>
      </xsd:complexType>
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          </xsd:element>

    <xsd:element name="BuzzNotification">
       <xsd:complexType>
          <xsd:element name="requestID" type="string"/>
          <xsd:element name="GreetingMessage" type="string"/>
       </xsd:complexType>
    </xsd:element>
          </xsd:schema>
    </wsdl:types>

    <wsdl:message name="Response">
     <wsdl:part name="body" element="ProductType"/>
</wsdl:message>

<wsdl:message name="MSEARCH">
  <wsdl:part name="body" element="ProductType"/>
</wsdl:message>

<wsdl:message name="getProductInformation">
  <wsdl:part name="body" element="ProductType"/>
</wsdl:message>

<wsdl:message name="ProductInformationResponse">
  <wsdl:part name="body" element="GetInformation"/>
</wsdl:message>

    <wsdl:message name="BuyProduct">
       <wsdl:part name="body" element="PurchaseRequest"/>
    </wsdl:message>

    <wsdl:message name="BuyProductResponse">
       <wsdl:part name="body" element="PurchaseResponse"/>
    </wsdl:message>

<wsdl:message name="LocatedNear">
  <wsdl:part name="body" element="BuzzNotification"/>
</wsdl:message>

    <wsdl:portType name="Vending">

    <wsdl:operation name="SearchProducts">
     <wsdl:input message="MSEARCH"/>
     <wsdl:output message="Response"/>
    </wsdl:operation>

    <wsdl:operation name="Notify">
     <wsdl:output message="Response"/>
    </wsdl:operation>

    <wsdl:operation name="getInformation">
     <wsdl:input message="getProductInformation"/>
     <wsdl:output message="ProductInformationResponse"/>
    </wsdl:operation>

    <wsdl:operation name="BuyProduct">
     <wsdl:input message="BuyProduct"/>
     <wsdl:output message="BuyProductResponse"/>
```

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      </wsdl:operation>

    <wsdl:operation name="NotifyBuzz">
      <wsdl:output message="LocatedNear"/>
    </wsdl:operation>
  </wsdl:portType>

    <wsdl:binding name="Vending" type="Vending">
      <soap:binding transport="http://schemas.xmlsoap.org/soap/http"
style="document"/>
      <wsdl:operation name="SearchProducts">
        <soap:operation style="rpc" soapAction="http://Stadium.com/
SearchProducts"/>
        <wsdl:input>
          <soap:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
          <soap:body use="literal"/>
        </wsdl:output>
      </wsdl:operation>

      <wsdl:operation name="Notify">
        <soap:operation style="document" soapAction="http://Stadium.com/Notify"/>
        <wsdl:output>
          <soap:body use="literal"/>
        </wsdl:output>
      </wsdl:operation>

      <wsdl:operation name="GetInformation">
        <soap:operation soapAction="http://Stadium.com/GetInformation"
style="rpc"/>
        <wsdl:input>
          <soap:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
          <soap:body use="literal"/>
        </wsdl:output>
      </wsdl:operation>
      <wsdl:operation name="BuyProduct">
        <soap:operation soapAction="http://Stadium.com/BuyProduct" style="rpc"/>
        <wsdl:input>
          <soap:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
          <soap:body use="literal"/>
        </wsdl:output>
      </wsdl:operation>
        <wsdl:operation name="NotifyBuzz">
        <soap:operation soapAction="http://Stadium.com/NotifyBuzz"
style="document"/>
        <wsdl:output>
          <soap:body use="literal"/>
        </wsdl:output>
      </wsdl:operation>

    </wsdl:binding>

    <wsdl:service name="BuyService">
```

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      <wsdl:documentation>Stadium Product Vending service</wsdl:documentation>
      <wsdl:port name="BuyPort" binding="Vending">
         <soap:address location="http://stadium.com/buy"/>
      </wsdl:port>
   </wsdl:service>
</wsdl:definitions>
```