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<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="
qualified">
  <xs:element name="catalog">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="categories"/>
      </xs:sequence>
      <xs:attribute name="generated" use="required"/>
      <xs:attribute name="version" use="required"/>
    </xs:complexType>
  </xs:element>
  <xs:element name="categories">
    <xs:complexType>
      <xs:sequence>
        <xs:element maxOccurs="unbounded" ref="category"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="category">
    <xs:complexType>
      <xs:choice minOccurs="0" maxOccurs="unbounded">
        <xs:element ref="category"/>
        <xs:element ref="products"/>
      </xs:choice>
      <xs:attribute name="code" use="required" type="xs:integer"/>
      <xs:attribute name="description" use="required"/>
    </xs:complexType>
  </xs:element>
  <xs:element name="products">
    <xs:complexType>
      <xs:sequence>
        <xs:element maxOccurs="unbounded" ref="product"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="product">
    <xs:complexType>
      <xs:attribute name="barCode" use="required"/>
      <xs:attribute name="brand-id" use="required" type="xs:integer"/>
      <xs:attribute name="discountClass" use="required" type="xs:NMTOKEN"/>
      <xs:attribute name="endOfLifeProduct" use="required" type="xs:
boolean"/>
      <xs:attribute name="furtherDescription" use="required"/>
      <xs:attribute name="height" use="required" type="xs:integer"/>
      <xs:attribute name="ispartialshippingallowed" use="required" type="
xs:boolean"/>
      <xs:attribute name="isremainingonbackorderallowed" use="required"
type="xs:boolean"/>
      <xs:attribute name="length" use="required" type="xs:integer"/>
      <xs:attribute name="longDescription_1" use="required"/>
      <xs:attribute name="longDescription_2" use="required"/>
      <xs:attribute name="longDescription_3" use="required"/>
    </xs:complexType>
  </xs:element>
</xs:schema>

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<xs:attribute name="productId" use="required"/>
<xs:attribute name="publicPriceHT" use="required"/>
<xs:attribute name="publicPriceTTC" use="required"/>
<xs:attribute name="salesMultiple" use="required" type="xs:integer"
/>

<xs:attribute name="shortDescription_1" use="required"/>
<xs:attribute name="shortDescription_2" use="required"/>
<xs:attribute name="shortDescription_3" use="required"/>
<xs:attribute name="volume" use="required" type="xs:integer"/>
<xs:attribute name="weight" use="required" type="xs:integer"/>
<xs:attribute name="width" use="required" type="xs:integer"/>
</xs:complexType>
</xs:element>
</xs:schema>
```