

A priedas. Išteklių aprašymo XSD schema

```

<?xml version="1.0" encoding="utf-8" ?>

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation>Resource definition scheme</xs:documentation>
  </xs:annotation>
  <xs:complexType name="resourceAssignment">
    <xs:sequence>
      <xs:element name="resource" type="resource" />
      <xs:element name="activity" type="xs:string" />
      <xs:element name="role" type="role" />
      <xs:element name="quantity" type="xs:decimal" />
      <xs:element name="duration" type="xs:integer" />
      <xs:element name="concurrency" type="xs:boolean" />
      <xs:element name="priority" type="xs:byte" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="resource">
    <xs:sequence>
      <xs:element name="name" type="xs:string" />
      <xs:element name="role" type="role" />
      <xs:element name="type" type="resourceType" />
      <xs:element name="availableQuantity" type="xs:decimal" />
      <xs:element name="price" type="xs:decimal" />
      <xs:element name="accessibility">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="interval" type="interval" minOccurs="0"
maxOccurs="unbounded" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="measurement" type="xs:string" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="role">
    <xs:all>
      <xs:element name="name" type="xs:string" />
    </xs:all>
  </xs:complexType>
  <xs:complexType name="resourceType">
    <xs:choice>
      <xs:element name="consumed" type="consumed" />
      <xs:element name="used" type="used" />
    </xs:choice>
  </xs:complexType>
  <xs:complexType name="interval">
    <xs:all>
      <xs:element name="start" type="xs:time" />
      <xs:element name="end" type="xs:time" />
    </xs:all>
  </xs:complexType>
  <xs:simpleType name="consumed">
    <xs:restriction base="xs:string" />
  </xs:simpleType>
  <xs:simpleType name="used">
    <xs:restriction base="xs:string" />
  </xs:simpleType>
</xs:schema>

```