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<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:sign="http://www.w3.org/2000/09/xmldsig#" elementFormDefault="qualified"
attributeFormDefault="qualified">
  <xsd:import namespace="http://www.w3.org/2000/09/xmldsig#" schemaLocation="xmldsig.xsd"
/>

  <xsd:element name="E03" type="TypeRequest-E03" nillable="false" />
  <xsd:element name="E06" type="TypeRequest-E06" nillable="false" />
  <xsd:element name="E12" type="TypeRequest-E12" nillable="false" />
  <xsd:element name="E13" type="TypeRequest-E13" nillable="false" />
  <xsd:element name="E14" type="TypeRequest-E14" nillable="false" />
  <xsd:element name="E16" type="TypeRequest-E16" nillable="false" />
  <xsd:element name="E17" type="TypeRequest-E17" nillable="false" />
  <xsd:element name="E18" type="TypeRequest-E18" nillable="false" />
  <xsd:element name="E40" type="TypeRequest-E40" nillable="false" />
  <xsd:element name="E41" type="TypeRequest-E41" nillable="false" />

  <xsd:element name="response" type="TypeComplexResponse" nillable="false" />

  <xsd:complexType name="TypeComplexResponse">
    <xsd:sequence>
      <xsd:element name="status" type="TypeResponse" />
      <xsd:element name="reason" type="xsd:integer" />
      <xsd:element name="description" type="xsd:string" />
    </xsd:sequence>

    <xsd:attributeGroup ref="RequestResponseGroupAttributes"/>
  </xsd:complexType>

  <xsd:attributeGroup name="RequestResponseGroupAttributes">
    <xsd:attribute name="date" type="xsd:date" use="required" />
    <xsd:attribute name="package" type="xsd:int" use="required" />
  </xsd:attributeGroup>

  <xsd:complexType name="TypeRequest-E03">
    <xsd:sequence>
      <xsd:sequence minOccurs="1" maxOccurs="1000">
        <xsd:choice>
          <xsd:element name="event-E03" type="TypeEvent-E03" nillable="false" />
        </xsd:choice>
      </xsd:sequence>
      <xsd:element ref="sign:Signature" minOccurs="1" maxOccurs="1" />
    </xsd:sequence>

    <xsd:attributeGroup ref="RequestResponseGroupAttributes"/>
  </xsd:complexType>

  <xsd:complexType name="TypeRequest-E06">
    <xsd:sequence>
      <xsd:sequence minOccurs="1" maxOccurs="1000">
        <xsd:choice>
          <xsd:element name="event-E06" type="TypeEvent-E06" nillable="false" />
        </xsd:choice>
      </xsd:sequence>
      <xsd:element ref="sign:Signature" minOccurs="1" maxOccurs="1" />
    </xsd:sequence>

    <xsd:attributeGroup ref="RequestResponseGroupAttributes"/>
  </xsd:complexType>
</xsd:schema>
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</xsd:complexType>

<xsd:complexType name="TypeRequest-E12">

    <xsd:sequence>
    <xsd:sequence minOccurs="1" maxOccurs="1000">
        <xsd:choice>
            <xsd:element name="event-E12" type="TypeEvent-E12" nillable="false" />
        </xsd:choice>
    </xsd:sequence>
    <xsd:element ref="sign:Signature" minOccurs="1" maxOccurs="1" />
</xsd:sequence>

    <xsd:attributeGroup ref="RequestResponseGroupAttributes"/>

</xsd:complexType>

<xsd:complexType name="TypeRequest-E13">

    <xsd:sequence>
    <xsd:sequence minOccurs="1" maxOccurs="1000">
        <xsd:choice>
            <xsd:element name="event-E13" type="TypeEvent-E13" nillable="false" />
        </xsd:choice>
    </xsd:sequence>
    <xsd:element ref="sign:Signature" minOccurs="1" maxOccurs="1" />
</xsd:sequence>

    <xsd:attributeGroup ref="RequestResponseGroupAttributes"/>

</xsd:complexType>

<xsd:complexType name="TypeRequest-E14">

    <xsd:sequence>
    <xsd:sequence minOccurs="1" maxOccurs="1000">
        <xsd:choice>
            <xsd:element name="event-E14" type="TypeEvent-E14" nillable="false" />
        </xsd:choice>
    </xsd:sequence>
    <xsd:element ref="sign:Signature" minOccurs="1" maxOccurs="1" />
</xsd:sequence>

    <xsd:attributeGroup ref="RequestResponseGroupAttributes"/>

</xsd:complexType>

<xsd:complexType name="TypeRequest-E16">

    <xsd:sequence>
    <xsd:sequence minOccurs="1" maxOccurs="1000">
        <xsd:choice>
            <xsd:element name="event-E16" type="TypeEvent-E16E17E18" nillable="false" />
        </xsd:choice>
    </xsd:sequence>
    <xsd:element ref="sign:Signature" minOccurs="1" maxOccurs="1" />
</xsd:sequence>

    <xsd:attributeGroup ref="RequestResponseGroupAttributes"/>

</xsd:complexType>

<xsd:complexType name="TypeRequest-E17">
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<xsd:sequence>
<xsd:sequence minOccurs="1" maxOccurs="1000">
  <xsd:choice>
    <xsd:element name="event-E17" type="TypeEvent-E16E17E18" nillable="false" />
  </xsd:choice>
</xsd:sequence>
<xsd:element ref="sign:Signature" minOccurs="1" maxOccurs="1" />
</xsd:sequence>

<xsd:attributeGroup ref="RequestResponseGroupAttributes"/>

</xsd:complexType>

<xsd:complexType name="TypeRequest-E18">

  <xsd:sequence>
<xsd:sequence minOccurs="1" maxOccurs="1000">
  <xsd:choice>
    <xsd:element name="event-E18" type="TypeEvent-E16E17E18" nillable="false" />
  </xsd:choice>
</xsd:sequence>
<xsd:element ref="sign:Signature" minOccurs="1" maxOccurs="1" />
</xsd:sequence>

<xsd:attributeGroup ref="RequestResponseGroupAttributes"/>

</xsd:complexType>

<xsd:complexType name="TypeRequest-E40">

  <xsd:sequence>
<xsd:sequence minOccurs="1" maxOccurs="1000">
  <xsd:choice>
    <xsd:element name="event-E40" type="TypeEvent-E40" nillable="false" />
  </xsd:choice>
</xsd:sequence>
<xsd:element ref="sign:Signature" minOccurs="1" maxOccurs="1" />
</xsd:sequence>

<xsd:attributeGroup ref="RequestResponseGroupAttributes"/>

</xsd:complexType>

<xsd:complexType name="TypeRequest-E41">

  <xsd:sequence>
<xsd:sequence minOccurs="1" maxOccurs="1000">
  <xsd:choice>
    <xsd:element name="event-E41" type="TypeEvent-E41" nillable="false" />
  </xsd:choice>
</xsd:sequence>
<xsd:element ref="sign:Signature" minOccurs="1" maxOccurs="1" />
</xsd:sequence>

<xsd:attributeGroup ref="RequestResponseGroupAttributes"/>

</xsd:complexType>

<xsd:simpleType name="TypeIdentifierE03">
<xsd:restriction base="xsd:string">
  <xsd:enumeration value="PES" />
  <xsd:enumeration value="REG" />
  <xsd:enumeration value="NIP" />
  <xsd:enumeration value="DOC" />
  <xsd:enumeration value="KRS" />
</xsd:restriction>
</xsd:simpleType>
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</xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="TypeOperationE03">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="INSERT" />
    <xsd:enumeration value="INTERVENTION" />
    <xsd:enumeration value="MIGRATION" />
    <xsd:enumeration value="TRANSFORMATION" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="TypeOperationE06">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="INSERT" />
    <xsd:enumeration value="INTERVENTION" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="TypeOperationE12">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="INSERT" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="TypeOperationE13">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="INSERT" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="TypeOperationE14">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="INSERT" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="TypeOperationE16E17E18">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="INSERT" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="TypeOperationE40">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="INSERT" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="TypeOperationE41">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="INSERT" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="TypeResponse">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="ACCEPT" />
    <xsd:enumeration value="REJECT" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="TypeEventId">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="\d{18}" />
  </xsd:restriction>
</xsd:simpleType>
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</xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="TypeCaseId">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="\d{18}" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="TypeDirnum">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="\d{9}" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="TypeOperatorId">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="\d{5}" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="TypeVerification">
  <xsd:restriction base="xsd:integer">
    <xsd:minInclusive value="1" />
    <xsd:maxInclusive value="2" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="TypeProcess">
  <xsd:restriction base="xsd:integer">
    <xsd:minInclusive value="1" />
    <xsd:maxInclusive value="2" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="ModePorting">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="DAY" />
    <xsd:enumeration value="END" />
    <xsd:enumeration value="EOP" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:simpleType name="TypeStatus">
  <xsd:restriction base="xsd:integer">
    <xsd:minInclusive value="0" />
    <xsd:maxInclusive value="1" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="TypeEvent-E03">
  <xsd:sequence>
    <xsd:element name="verification-type" type="TypeVerification" nillable="false" />
    <xsd:element name="event-id" type="TypeEventId" nillable="false" />
    <xsd:element name="event-date" type="xsd:dateTime" nillable="false" />
    <xsd:element name="case-id" type="TypeCaseId" nillable="false" />
    <xsd:element name="dirnum" type="TypeDirnum" nillable="false" />
    <xsd:element name="recipient" type="TypeOperatorId" nillable="false" />
    <xsd:element name="donor" type="TypeOperatorId" nillable="false" />
    <xsd:element name="services-operator" type="TypeOperatorId" nillable="false" />
    <xsd:element name="network-operator" type="TypeOperatorId" nillable="false" />
    <xsd:element name="case-document-1-id" type="xsd:string" nillable="false" />
    <xsd:element name="case-document-1-expiration-date" type="xsd:dateTime"
nillable="false" />
    <xsd:element name="case-pending-activation-date" type="xsd:dateTime" nillable="false" />
  </xsd:sequence>
</xsd:complexType>
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</>
  <xsd:element name="porting-mode" type="ModePorting" nillable="false" />
  <xsd:element name="routing-number" type="xsd:string" nillable="false" />
    <xsd:element name="process-type" type="TypeProcess" nillable="false" />
  <xsd:element name="attorney" type="xsd:boolean" nillable="false" />
  <xsd:element name="name" type="xsd:string" nillable="true" />
  <xsd:element name="identifier-type" type="TypeIdentifierE03" nillable="false" />
  <xsd:element name="identifier-value" type="xsd:string" nillable="false" />
    <xsd:element name="operation" type="TypeOperationE03" nillable="false" />
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="TypeEvent-E06">
  <xsd:sequence>
    <xsd:element name="event-id" type="TypeEventId" nillable="false" />
    <xsd:element name="event-date" type="xsd:dateTime" nillable="false" />
    <xsd:element name="case-id" type="TypeCaseId" nillable="false" />
    <xsd:element name="dirnum" type="TypeDirnum" nillable="false" />
    <xsd:element name="case-termination-date" type="xsd:dateTime" nillable="false" />
    <xsd:element name="recipient" type="TypeOperatorId" nillable="false" />
    <xsd:element name="donor" type="TypeOperatorId" nillable="false" />
    <xsd:element name="operation" type="TypeOperationE06" nillable="false" />
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="TypeEvent-E12">
  <xsd:sequence>
    <xsd:element name="event-id" type="TypeEventId" nillable="false" />
    <xsd:element name="event-date" type="xsd:dateTime" nillable="false" />
    <xsd:element name="case-id" type="TypeCaseId" nillable="false" />
    <xsd:element name="dirnum" type="TypeDirnum" nillable="false" />
    <xsd:element name="case-pending-activation-date" type="xsd:dateTime" nillable="false" />
  </xsd:sequence>
  <xsd:element name="recipient" type="TypeOperatorId" nillable="false" />
  <xsd:element name="donor" type="TypeOperatorId" nillable="false" />
  <xsd:element name="operation" type="TypeOperationE12" nillable="false" />
</xsd:complexType>

<xsd:complexType name="TypeEvent-E13">
  <xsd:sequence>
    <xsd:element name="event-id" type="TypeEventId" nillable="false" />
    <xsd:element name="event-date" type="xsd:dateTime" nillable="false" />
    <xsd:element name="porting-date" type="xsd:dateTime" nillable="false" />
    <xsd:element name="case-id" type="TypeCaseId" nillable="false" />
    <xsd:element name="dirnum" type="TypeDirnum" nillable="false" />
    <xsd:element name="recipient" type="TypeOperatorId" nillable="false" />
    <xsd:element name="donor" type="TypeOperatorId" nillable="false" />
      <xsd:element name="services-operator" type="TypeOperatorId" nillable="false" />
      <xsd:element name="network-operator" type="TypeOperatorId" nillable="false" />
    <xsd:element name="routing-number" type="xsd:string" nillable="true" />
    <xsd:element name="operation" type="TypeOperationE13" nillable="false" />
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="TypeEvent-E14">
  <xsd:sequence>
    <xsd:element name="event-id" type="TypeEventId" nillable="false" />
    <xsd:element name="event-date" type="xsd:dateTime" nillable="false" />
    <xsd:element name="case-id" type="TypeCaseId" nillable="false" />
    <xsd:element name="dirnum" type="TypeDirnum" nillable="false" />
    <xsd:element name="recipient" type="TypeOperatorId" nillable="false" />
    <xsd:element name="donor" type="TypeOperatorId" nillable="false" />
    <xsd:element name="operation" type="TypeOperationE14" nillable="false" />
  </xsd:sequence>
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</xsd:complexType>

<xsd:complexType name="TypeEvent-E16E17E18">
  <xsd:sequence>
    <xsd:element name="event-id" type="TypeEventId" nillable="false" />
    <xsd:element name="event-date" type="xsd:dateTime" nillable="false" />
    <xsd:element name="case-id" type="TypeCaseId" nillable="false" />
    <xsd:element name="dirnum" type="TypeDirnum" nillable="false" />
    <xsd:element name="recipient" type="TypeOperatorId" nillable="false" />
    <xsd:element name="donor" type="TypeOperatorId" nillable="false" />
    <xsd:element name="reason" type="xsd:integer" nillable="false" />
    <xsd:element name="operation" type="TypeOperationE16E17E18" nillable="false" />
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="TypeEvent-E40">
  <xsd:sequence>
    <xsd:element name="event-id" type="TypeEventId" nillable="false" />
    <xsd:element name="event-date" type="xsd:dateTime" nillable="false" />
    <xsd:element name="case-id" type="TypeCaseId" nillable="false" />
    <xsd:element name="dirnum" type="TypeDirnum" nillable="false" />
    <xsd:element name="recipient" type="TypeOperatorId" nillable="false" />
    <xsd:element name="donor" type="TypeOperatorId" nillable="false" />
    <xsd:element name="operation" type="TypeOperationE14" nillable="false" />
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="TypeEvent-E41">
  <xsd:sequence>
    <xsd:element name="event-id" type="TypeEventId" nillable="false" />
    <xsd:element name="event-date" type="xsd:dateTime" nillable="false" />
    <xsd:element name="case-id" type="TypeCaseId" nillable="false" />
    <xsd:element name="dirnum" type="TypeDirnum" nillable="false" />
    <xsd:element name="recipient" type="TypeOperatorId" nillable="false" />
    <xsd:element name="donor" type="TypeOperatorId" nillable="false" />
    <xsd:element name="status" type="TypeStatus" nillable="false" />
    <xsd:element name="operation" type="TypeOperationE14" nillable="false" />
  </xsd:sequence>
</xsd:complexType>

</xsd:schema>
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