

7. XSD datoteke za dostavu podataka

7.1. Redovna datoteka sa slogovima koji se odnose na kupnje i prodaje valuta na tržištu stranih sredstava plaćanja

```
<?xml version="1.0" encoding="ISO-8859-2"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
elementFormDefault="qualified" attributeFormDefault="unqualified">
  <xs:element name="TSSP_RED" type="sveType">
    <xs:annotation>
      <xs:documentation>TSSP redovne datoteke</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:complexType name="sveType">
    <xs:sequence>
      <xs:element name="Zaglavlje" type="ZaglavljeType"/>
      <xs:element name="IzvjestajniSlogovi" type="IzvjestajniSlogoviType"
minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ZaglavljeType">
    <xs:sequence>
      <xs:element name="OIB">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="11"/>
            <xs:pattern value="([0-9]{11})"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="IzvjestajniDatumDatoteke">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="8"/>
            <xs:pattern value="((19|20)[0-9]{2})(0[1-
9]|[1][012])(0[1-9]|[12][0-9]|3[01])"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="UkupnoBrSlogova" type="xs:integer"/>
      <xs:element name="OznakaDatoteke">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="3"/>
            <xs:pattern value="(R|I|([0-9]{1}[1-
9]{1}|[1-9]{1}[0-9]{1}))"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Osobe" type="OsobeType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>

```

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        <xs:element name="Napomena" minOccurs="0">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="2000"/>
                    <xs:minLength value="0"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="IzvjestajniSlogoviType">
    <xs:sequence maxOccurs="unbounded">
        <xs:element name="OsnIzvSlog" type="OsnIzvSlogType"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="OsnIzvSlogType">
    <xs:sequence maxOccurs="1">
        <xs:element name="RedniBroj">
            <xs:simpleType>
                <xs:restriction base="xs:integer">
                    <xs:minInclusive value="1"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="OznakaSloga">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:minLength value="1"/>
                    <xs:maxLength value="3"/>
                    <xs:pattern value="(R|I{0-9}{1}{1-9}{1}|[1-9]{1}{0-9}{1})|S{0-9}{1}{1-9}{1}{1-9}{1}{0-9}{1})"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="IzvjestajniDatum">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:length value="8"/>
                    <xs:pattern value="((19|20){0-9}{2})(0{1-9}|1{012})(0{1-9}|[12]{0-9}|3{01})"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="MBrProtustranke" minOccurs="1">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:minLength value="5"/>
                    <xs:maxLength value="25"/>
                    <xs:pattern value="((MB{0-9}{8})|MF{0-9A-Z}{3,23}|(ND{0}{8}))"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
    </xs:sequence>
</xs:complexType>

```

```

</xs:element>
<xs:element name="OIBProtustranke" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="11"/>
      <xs:pattern value="([0-9]{11})"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="SWIFT" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="8"/>
      <xs:maxLength value="11"/>
      <xs:pattern value="(([A-Z]{4}[A-Z]{2}[A-Z0-9]{2})|([A-Z]{4}[A-Z]{2}[A-Z0-9]{2}[A-Z0-9]{3}))"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="DrzavaInstitucija" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="2"/>
      <xs:pattern value="([A-Z0-9]{2})"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="SektorNerezidenta" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:totalDigits value="4"/>
      <xs:pattern
value="((12)(20|30|40|50|60|70|80|90)|1100)"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="VezaInstitucijeIProtustranke" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="21"/>
      <xs:pattern value="(N|P[0|1]{1}[0-9]{4}[0|1]{1}[0-9]{4}[0|1]{1}[0-9]{4}[0|1]{1}[0-9]{4}|S)"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Instrument">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="3"/>
      <xs:pattern value="(SPT|PSP|FWD|NDF|SWP|SWM)"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```

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        </xs:simpleType>
    </xs:element>
    <xs:element name="BaznaValuta">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:length value="3"/>
                <xs:pattern value="([A-Z]{3})"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="VarijabilnaValuta">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:length value="3"/>
                <xs:pattern value="([A-Z]{3})"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="Smjer">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:length value="1"/>
                <xs:pattern value="(K|P)"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="DatumNamire" minOccurs="0">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:length value="8"/>
                <xs:pattern value="((19|20)[0-9]{2})(0[1-9]|1[012])(0[1-9]|1[12][0-9]|3[01])"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="DatumDospijeca" minOccurs="0">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:length value="8"/>
                <xs:pattern value="((19|20)[0-9]{2})(0[1-9]|1[012])(0[1-9]|1[12][0-9]|3[01])"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="DatumZalzacunRD" minOccurs="0">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:length value="8"/>
                <xs:pattern value="((19|20)[0-9]{2})(0[1-9]|1[012])(0[1-9]|1[12][0-9]|3[01])"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>

```

```

</xs:element>
<xs:element name="VrijemeUgovaranja" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="4"/>
      <xs:pattern value="([0-1][0-9]|2[0-3])([0-
5][0-9])"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="IzvorReferentnogTecaja" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="3"/>
      <xs:pattern
value="(HNB|WMR|BBG|OST)"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Iznos">
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="19"/>
      <xs:fractionDigits value="2"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="IznosPovTran" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="19"/>
      <xs:fractionDigits value="2"/>
      <xs:minExclusive value="0"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="SpotTecaj" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="15"/>
      <xs:fractionDigits value="6"/>
      <xs:minExclusive value="0"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PreSpotForwardTecaj" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="15"/>
      <xs:fractionDigits value="6"/>
      <xs:minExclusive value="0"/>
    </xs:restriction>

```

```

        </xs:simpleType>
    </xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="OsobeType">
    <xs:sequence maxOccurs="unbounded">
        <xs:element name="Osoba" type="OsobaType"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="OsobaType">
    <xs:sequence maxOccurs="1">
        <xs:element name="Ime" type="xs:string"/>
        <xs:element name="Prezime" type="xs:string"/>
        <xs:element name="E-mail" type="xs:string"/>
        <xs:element name="Telefon" type="xs:string"/>
        <xs:element name="DatumOd" minOccurs="0">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:length value="8"/>
                    <xs:pattern value="((19|20)[0-9]{2})(0[1-9]|1[012])(0[1-9]|1[12][0-9]|3[01])"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="DatumDo" minOccurs="0">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:length value="8"/>
                    <xs:pattern value="((19|20)[0-9]{2})(0[1-9]|1[012])(0[1-9]|1[12][0-9]|3[01])"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:schema>

```

8. Primjeri XML datoteka

8.1. Redovna datoteka sa slogovima koji se odnose na kupnje i prodaje valuta na tržištu stranih sredstava plaćanja

```

<?xml version="1.0" encoding="ISO-8859-2"?>
<TSSP_RED>
  <Zaglavljje>
    <OIB>12345678901</OIB>
    <IzvjestajniDatumDatoteke>20230130</IzvjestajniDatumDatoteke>
    <UkupnoBrSlogova>3</UkupnoBrSlogova>
    <OznakaDatoteke>R</OznakaDatoteke>
    <Osobe>

```

```

<Osoba>
  <Ime>Ivan</Ime>
  <Prezime>Ivić</Prezime>
  <E-mail>ivan.ivic@nekabanka.hr</E-mail>
  <Telefon>+385 12 345 678</Telefon>
  <DatumOd>20211102</DatumOd>
</Osoba>
<Osoba>
  <Ime>Ante</Ime>
  <Prezime>Antić</Prezime>
  <E-mail>ante.antic@nekabanka.hr</E-mail>
  <Telefon>+385 12 345 679</Telefon>
  <DatumDo>20230730</DatumDo>
</Osoba>
</Osobe>
</Zaglavlje>
<IzvjestajniSlogovi>
  <OsnIzvSlog>
    <RedniBroj>1</RedniBroj>
    <OznakaSloga>R</OznakaSloga>
    <IzvjestajniDatum>20230130</IzvjestajniDatum>
    <MBrProtustranke>MB12345678</MBrProtustranke>
    <OIBProtustranke>01234567890</OIBProtustranke>
    <DrzavaInstitucija>HR</DrzavaInstitucija>
    <VezaInstitucijeIProtustranke>S</VezaInstitucijeIProtustranke>
    <Instrument>PSP</Instrument>
    <BaznaValuta>EUR</BaznaValuta>
    <VarijabilnaValuta>USD</VarijabilnaValuta>
    <Smjer>P</Smjer>
    <DatumNamire>20230130</DatumNamire>
    <DatumDospijeca>20230201</DatumDospijeca>
    <DatumZalZracunRD>20220201</DatumZalZracunRD>
    <VrijemeUgovaranja>1523</VrijemeUgovaranja>
    <Iznos>12345678912345678.12</Iznos>
    <SpotTecaj>123456789.123456</SpotTecaj>
  <PreSpotForwardTecaj>123456789.123456</PreSpotForwardTecaj>
  </OsnIzvSlog>
  <OsnIzvSlog>
    <RedniBroj>2</RedniBroj>
    <OznakaSloga>R</OznakaSloga>
    <IzvjestajniDatum>20230130</IzvjestajniDatum>
    <MBrProtustranke>MFPL09546</MBrProtustranke>
    <DrzavaInstitucija>PL</DrzavaInstitucija>
    <SektorNerezidenta>1220</SektorNerezidenta>
    <VezaInstitucijeIProtustranke>N</VezaInstitucijeIProtustranke>
    <Instrument>SPT</Instrument>
    <BaznaValuta>EUR</BaznaValuta>
    <VarijabilnaValuta>CHF</VarijabilnaValuta>
    <Smjer>P</Smjer>
    <DatumNamire>20230201</DatumNamire>
    <VrijemeUgovaranja>1354</VrijemeUgovaranja>
    <Iznos>12345678912345678.12</Iznos>

```

```

        <SpotTecaj>123456789.123456</SpotTecaj>
    </OsnIzvSlog>
    <OsnIzvSlog>
        <RedniBroj>3</RedniBroj>
        <OznakaSloga>R</OznakaSloga>
        <IzvestajniDatum>20230130</IzvestajniDatum>
        <MBrProtustranke>MB23456789</MBrProtustranke>
        <OIBProtustranke>09876543210</OIBProtustranke>
        <DrzavaInstitucija>HR</DrzavaInstitucija>
        <VezaInstitucijeIProtustranke>S</VezaInstitucijeIProtustranke>
        <Instrument>FWD</Instrument>
        <BaznaValuta>EUR</BaznaValuta>
        <VarijabilnaValuta>USD</VarijabilnaValuta>
        <Smjer>K</Smjer>
        <DatumDospijeca>20230207</DatumDospijeca>
        <DatumZalzacunRD>20230201</DatumZalzacunRD>
        <VrijemeUgovaranja>0942</VrijemeUgovaranja>
        <Iznos>12345678912345678.12</Iznos>
        <SpotTecaj>123456789.123456</SpotTecaj>
        <PreSpotForwardTecaj>123456789.123456</PreSpotForwardTecaj>
    </OsnIzvSlog>
</IzvestajniSlogovi>
</TSSP_RED>

```

8.2. Prazna datoteka sa slogovima koji se odnose na kupnje i prodaje valuta na tržištu stranih sredstava plaćanja

```

<?xml version="1.0" encoding="ISO-8859-2"?>
<TSSP_RED>
    <Zaglavlje>
        <OIB>12345678901</OIB>
        <IzvestajniDatumDatoteke>20230130</IzvestajniDatumDatoteke>
        <UkupnoBrSlogova>0</UkupnoBrSlogova>
        <OznakaDatoteke>R</OznakaDatoteke>
    </Zaglavlje>
</TSSP_RED>

```

8.3. Povratna datoteka s greškama u redovnoj datoteci sa slogovima koji se odnose na kupnje i prodaje valuta na tržištu stranih sredstava plaćanja

```

<?xml version="1.0" encoding="ISO-8859-2"?>
<TSSP_RED>
    <Zaglavlje>
        <OIB>12345678901</OIB>
        <IzvestajniDatumDatoteke>20230130</IzvestajniDatumDatoteke>
        <UkupnoBrSlogova>3</UkupnoBrSlogova>
        <OznakaDatoteke>R</OznakaDatoteke>
        <Osobe>

```

```
<Osoba>
  <Ime>Ivan</Ime>
  <Prezime>Ivić</Prezime>
  <E-mail>ivan.ivic@nekabanka.hr</E-mail>
  <Telefon>+385 12 345 678</Telefon>
  <DatumOd>20221102</DatumOd>
</Osoba>
<Osoba>
  <Ime>Ante</Ime>
  <Prezime>Antić</Prezime>
  <E-mail>ante.antic@nekabanka.hr</E-mail>
  <Telefon>+385 12 345 679</Telefon>
  <DatumDo>20230730</DatumDo>
</Osoba>
</Osobe>
</Zaglavlje>
<IzvjestajniSlogovi>
  <OsnIzvSlog>
    <RedniBroj>1</RedniBroj>
    <OznakaSloga>R</OznakaSloga>
    <IzvjestajniDatum>20230130</IzvjestajniDatum>
    <MBrProtustranke>MB12345678</MBrProtustranke>
    <OIBProtustranke>01234567890</OIBProtustranke>
    <DrzavaInstitucija>HR</DrzavaInstitucija>
    <VezaInstitucijeIProtustranke>S</VezaInstitucijeIProtustranke>
    <Instrument>PSP</Instrument>
    <BaznaValuta>EUR</BaznaValuta>
    <VarijabilnaValuta>USD</VarijabilnaValuta>
    <Smjer>P</Smjer>
    <DatumNamire>20230130</DatumNamire>
    <DatumDospijeca>20230201</DatumDospijeca>
    <DatumZalZracunRD>20230201</DatumZalZracunRD>
    <VrijemeUgovaranja>1523</VrijemeUgovaranja>
    <Iznos>12345678912345678.12</Iznos>
    <SpotTecaj>123456789.123456</SpotTecaj>
    <PreSpotForwardTecaj>123456789.123456</PreSpotForwardTecaj>
    <Greska>Ovaj slog ima gresku</Greska>
  </OsnIzvSlog>
</IzvjestajniSlogovi>
</TSSP_RED>
```