```xml
<?xml version="1.0" encoding="utf-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
    xmlns:rr="http://www.gleif.org/data/schema/rr/2016" elementFormDefault="unqualified"
    attributeFormDefault="unqualified"
targetNamespace="http://www.gleif.org/data/schema/rr/2016">

    <xs:import namespace="http://www.w3.org/XML/1998/namespace"
        schemaLocation="http://www.w3.org/2001/xml.xsd"/>

    <xs:element name="RelationshipData" type="rr:RelationshipDataType"/>

    <xs:complexType name="RelationshipDataType">
        <xs:sequence>

            <xs:element name="Header" type="rr:RRHeaderType"> </xs:element>

            <xs:element name="RelationshipRecords" type="rr:RelationshipRecordsType">
</xs:element>

        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="RRHeaderType">
        <xs:sequence>

            <xs:element name="ContentDate" type="xs:dateTime"> </xs:element>

            <xs:element name="Originator" type="rr:LEIType"> </xs:element>

            <xs:element name="FileContent" type="rr:FileContentEnum"> </xs:element>

            <xs:element name="DeltaStart" type="xs:dateTime" minOccurs="0"> </xs:element>

            <xs:element name="RecordCount" type="xs:int"> </xs:element>

            <xs:element name="Extension" type="rr:ExtensionType"> </xs:element>

        </xs:sequence>
    </xs:complexType>
    <xs:simpleType name="LEIType">
        <xs:restriction base="xs:string">
            <xs:minLength value="20"/>
            <xs:maxLength value="20"/>
            <xs:pattern value="([0-9A-Z]{18}[0-9]{2})"/>
        </xs:restriction>
    </xs:simpleType>
    <xs:simpleType name="FileContentEnum">
        <xs:restriction base="xs:string">


            <xs:enumeration value="LOU_FULL_INTERNAL"> </xs:enumeration>
            <xs:enumeration value="GLEIF_FULL_INTERNAL"> </xs:enumeration>
            <xs:enumeration value="GLEIF_DELTA_INTERNAL"> </xs:enumeration>
            <xs:enumeration value="LOU_DELTA_INTERNAL"> </xs:enumeration>
            <xs:enumeration value="LOU_FULL_PUBLISHED"> </xs:enumeration>
            <xs:enumeration value="LOU_DELTA_PUBLISHED"> </xs:enumeration>
            <xs:enumeration value="GLEIF_FULL_PUBLISHED"> </xs:enumeration>
            <xs:enumeration value="GLEIF_DELTA_PUBLISHED"> </xs:enumeration>
            <xs:enumeration value="QUERY_RESPONSE"> </xs:enumeration>
        </xs:restriction>
    </xs:simpleType>
    <xs:complexType name="ExtensionType">
        <xs:sequence>
            <xs:any minOccurs="0" maxOccurs="unbounded" processContents="lax"
namespace="##other"/>
        </xs:sequence>
    </xs:complexType>

    <xs:complexType name="RelationshipRecordsType">
        <xs:sequence>

            <xs:element name="RelationshipRecord" type="rr:RelationshipRecordType"
minOccurs="0"
                maxOccurs="unbounded"> </xs:element>

        </xs:sequence>
    </xs:complexType>

    <xs:complexType name="RelationshipRecordType">
```

```xml
        <xs:sequence>

            <xs:element name="Relationship" type="rr:RelationshipContainerType"> </xs:element>

            <xs:element name="Registration" type="rr:RegistrationContainerType"> </xs:element>

            <xs:element name="Extension" type="rr:ExtensionType"> </xs:element>

        </xs:sequence>
    </xs:complexType>

    <xs:complexType name="RelationshipContainerType">
        <xs:sequence>

            <xs:element name="StartNode" type="rr:NodeType"> </xs:element>

            <xs:element name="EndNode" type="rr:NodeType"> </xs:element>


            <xs:element name="RelationshipType" type="rr:RelationshipCategoryType">
</xs:element>

            <xs:element name="RelationshipPeriods" type="rr:RelationshipPeriodsType"
minOccurs="0"> </xs:element>

            <xs:element name="RelationshipStatus" type="rr:RelationshipStatusEnum">
</xs:element>

            <xs:element name="RelationshipQualifiers" type="rr:RelationshipQualifiersType"
                minOccurs="0" maxOccurs="unbounded"> </xs:element>

            <xs:element name="RelationshipQuantifiers" type="rr:RelationshipQuantifiersType"
                minOccurs="0" maxOccurs="unbounded"> </xs:element>

            <xs:element name="Extension" type="rr:ExtensionType" minOccurs="0"> </xs:element>

        </xs:sequence>
    </xs:complexType>

    <xs:complexType name="NodeType">
        <xs:sequence>

            <xs:element name="NodeID" type="rr:LEIType"> </xs:element>

            <xs:element name="NodeIDType" type="rr:NodeIDTypeEnum"> </xs:element>

        </xs:sequence>
    </xs:complexType>

    <xs:simpleType name="NodeIDTypeEnum">
        <xs:restriction base="xs:string">


            <xs:enumeration value="LEI"> </xs:enumeration>
            <xs:enumeration value="ISO_17442_COMPATIBLE"> </xs:enumeration>
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="RelationshipCategoryType">
        <xs:restriction base="xs:string">

            <xs:enumeration value="IS_DIRECTLY_CONSOLIDATED_BY"> </xs:enumeration>
            <xs:enumeration value="IS_ULTIMATELY_CONSOLIDATED_BY"> </xs:enumeration>


            <xs:enumeration value="IS_INTERNATIONAL_BRANCH_OF"> </xs:enumeration>
            <xs:enumeration value="HAS_DIRECT_MANAGER"> </xs:enumeration>

        </xs:restriction>
    </xs:simpleType>

    <xs:complexType name="RelationshipPeriodsType">
        <xs:sequence>
            <xs:element name="RelationshipPeriod" type="rr:RelationshipPeriodType"
minOccurs="0"
                maxOccurs="unbounded"> </xs:element>
```

```xml
            </xs:sequence>
        </xs:complexType>

    <xs:complexType name="RelationshipPeriodType">
        <xs:sequence>
            <xs:element name="StartDate" type="xs:dateTime" minOccurs="0"> </xs:element>
            <xs:element name="EndDate" type="xs:dateTime" minOccurs="0"> </xs:element>


            <xs:element name="PeriodType" type="rr:PeriodTypeEnum"> </xs:element>
        </xs:sequence>

    </xs:complexType>
    <xs:simpleType name="PeriodTypeEnum">
        <xs:restriction base="xs:string">


            <xs:enumeration value="ACCOUNTING_PERIOD"> </xs:enumeration>
            <xs:enumeration value="RELATIONSHIP_PERIOD"> </xs:enumeration>
            <xs:enumeration value="DOCUMENT_FILING_PERIOD"> </xs:enumeration>
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="RelationshipStatusEnum">
        <xs:restriction base="xs:string">


            <xs:enumeration value="ACTIVE"> </xs:enumeration>
            <xs:enumeration value="INACTIVE"> </xs:enumeration>
        </xs:restriction>
    </xs:simpleType>

    <xs:complexType name="RelationshipQualifiersType">
        <xs:sequence>
            <xs:element name="RelationshipQualifier" type="rr:RelationshipQualifierType"
                minOccurs="0" maxOccurs="unbounded"> </xs:element>
        </xs:sequence>
    </xs:complexType>

    <xs:complexType name="RelationshipQualifierType">
        <xs:sequence>
            <xs:element name="QualifierDimension" type="rr:QualifierDimensionEnum">
</xs:element>
            <xs:element name="QualifierCategory" type="rr:QualifierCategoryTypeEnum"
minOccurs="0"
            > </xs:element>
        </xs:sequence>
    </xs:complexType>

    <xs:simpleType name="QualifierDimensionEnum">
        <xs:restriction base="xs:string">


            <xs:enumeration value="ACCOUNTING_STANDARD"> </xs:enumeration>

        </xs:restriction>
    </xs:simpleType>



    <xs:simpleType name="QualifierCategoryTypeEnum">
        <xs:restriction base="xs:string">



            <xs:enumeration value="US_GAAP"> </xs:enumeration>
            <xs:enumeration value="IFRS"> </xs:enumeration>

        </xs:restriction>
    </xs:simpleType>

    <xs:complexType name="RelationshipQuantifiersType">
        <xs:sequence>
            <xs:element name="RelationshipQuantifier" type="rr:RelationshipQuantifierType"
                minOccurs="0" maxOccurs="unbounded"> </xs:element>
        </xs:sequence>
    </xs:complexType>
```

```xml
    <xs:complexType name="RelationshipQuantifierType">
        <xs:sequence>
            <xs:element name="MeasurementMethod" type="rr:MeasurementMethodTypeEnum">
</xs:element>
            <xs:element name="QuantifierAmount" type="xs:decimal"> </xs:element>
            <xs:element name="QuantifierUnits" type="rr:QuantifierUnitsTypeEnum"
minOccurs="0"> </xs:element>

        </xs:sequence>
    </xs:complexType>



    <xs:simpleType name="MeasurementMethodTypeEnum">
        <xs:restriction base="xs:string">


            <xs:enumeration value="ACCOUNTING_CONSOLIDATION"> </xs:enumeration>

        </xs:restriction>
    </xs:simpleType>



    <xs:simpleType name="QuantifierUnitsTypeEnum">
        <xs:restriction base="xs:string">

            <xs:enumeration value="PERCENTAGE"/>

        </xs:restriction>
    </xs:simpleType>

    <xs:complexType name="RegistrationContainerType">
        <xs:sequence>
            <xs:element name="InitialRegistrationDate" type="xs:dateTime"> </xs:element>
            <xs:element name="LastUpdateDate" type="xs:dateTime"> </xs:element>
            <xs:element name="RegistrationStatus" type="rr:RegistrationStatusEnum">
</xs:element>
            <xs:element name="NextRenewalDate" type="xs:dateTime" minOccurs="0"> </xs:element>
            <xs:element name="ManagingLOU" type="rr:LEIType"> </xs:element>
            <xs:element name="ValidationDocuments" type="rr:ValidationDocumentsTypeEnum"
                minOccurs="0"> </xs:element>
            <xs:element name="ValidationSources" type="rr:ValidationSourcesTypeEnum">
</xs:element>
            <xs:element name="ValidationReference" type="xs:string" minOccurs="0">
</xs:element>

            <xs:element name="Extension" type="rr:ExtensionType" minOccurs="0"> </xs:element>
        </xs:sequence>
    </xs:complexType>

    <xs:simpleType name="RegistrationStatusEnum">
        <xs:restriction base="xs:string">


            <xs:enumeration value="PENDING_VALIDATION"> </xs:enumeration>
            <xs:enumeration value="ISSUED"> </xs:enumeration>
            <xs:enumeration value="DUPLICATE"> </xs:enumeration>
            <xs:enumeration value="LAPSED"> </xs:enumeration>


            <xs:enumeration value="RETIRED"> </xs:enumeration>
            <xs:enumeration value="ANNULLED"> </xs:enumeration>
            <xs:enumeration value="CANCELLED"> </xs:enumeration>
            <xs:enumeration value="TRANSFERRED"> </xs:enumeration>
            <xs:enumeration value="PENDING_TRANSFER"> </xs:enumeration>
            <xs:enumeration value="PENDING_ARCHIVAL"> </xs:enumeration>
        </xs:restriction>
    </xs:simpleType>



    <xs:simpleType name="ValidationDocumentsTypeEnum">
        <xs:restriction base="xs:string">



            <xs:enumeration value="ANNUAL_ACCOUNTS_FILING"> </xs:enumeration>
```

```xml
                <xs:enumeration value="QUARTERLY_ACCOUNTS_FILING"> </xs:enumeration>
                <xs:enumeration value="ANNUAL_REGULATORY_FILING"> </xs:enumeration>
                <xs:enumeration value="QUARTERLY_REGULATORY_FILING"> </xs:enumeration>
            </xs:restriction>
        </xs:simpleType>


        <xs:simpleType name="ValidationSourcesTypeEnum">
            <xs:restriction base="xs:string">


                <xs:enumeration value="PENDING"> </xs:enumeration>
                <xs:enumeration value="ENTITY_SUPPLIED_ONLY"> </xs:enumeration>
                <xs:enumeration value="PARTIALLY_CORROBORATED"> </xs:enumeration>
                <xs:enumeration value="FULLY_CORROBORATED"> </xs:enumeration>
            </xs:restriction>
        </xs:simpleType>

</xs:schema>
```