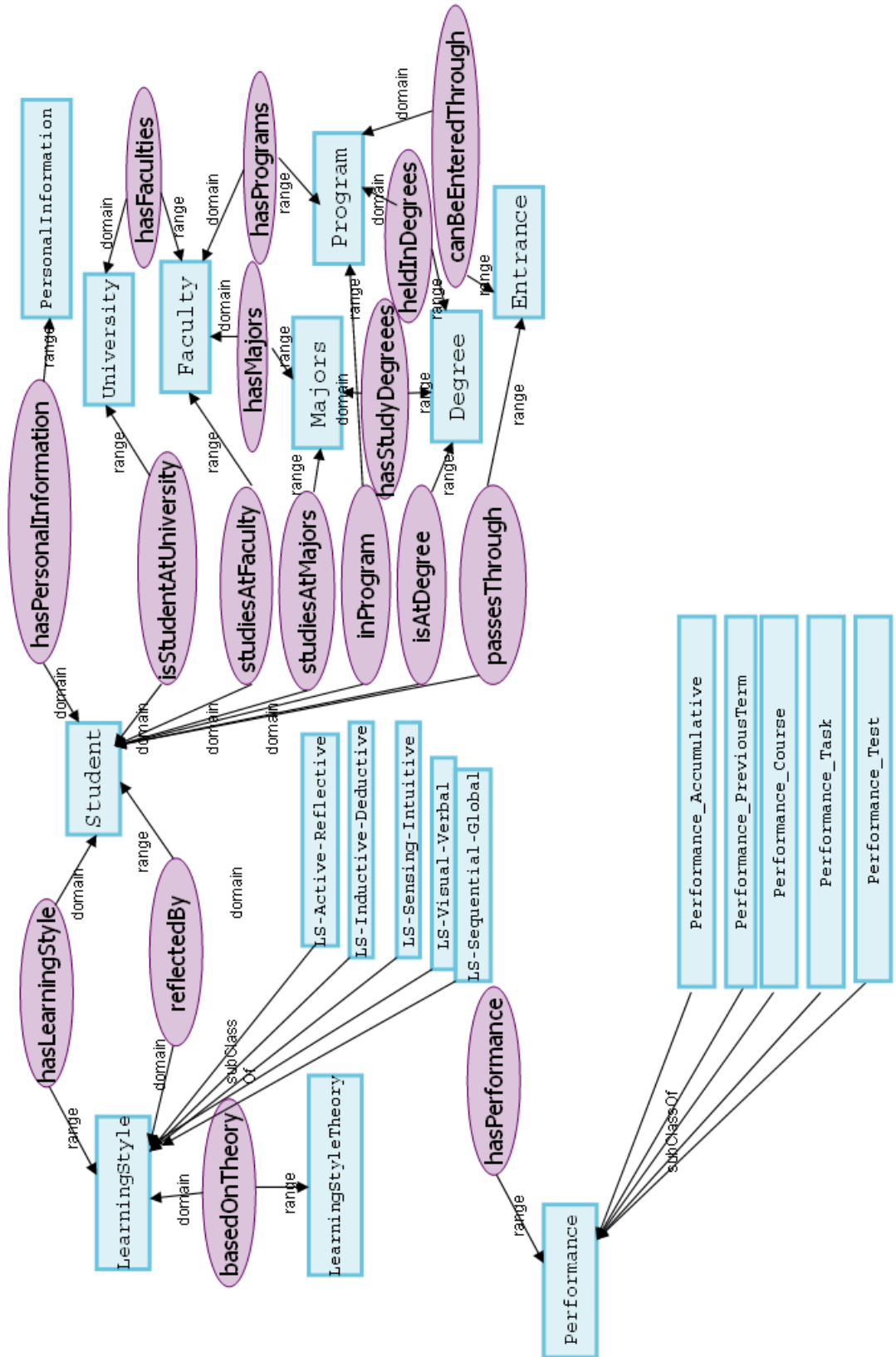


Lampiran 1 Gambar *Student Model Ontology*



Lampiran 2 Source Code Student Model Ontology

```

<?xml version="1.0"?>
<rdf:RDF
  xmlns:xsp="http://www.owl-ontologies.com/2005/08/07/xsp.owl#"
  xmlns:sm="http://www.owl-ontologies.com/student_model.owl#"
  xmlns:swrlb="http://www.w3.org/2003/11/swrlb#"
  xmlns:swrl="http://www.w3.org/2003/11/swrl#"
  xmlns:protege="http://protege.stanford.edu/plugins/owl/protege#"
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
  xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
  xmlns:owl="http://www.w3.org/2002/07/owl#"
  xml:base="http://www.owl-ontologies.com/student_model.owl">

  <owl:Ontology rdf:about="">
    <owl:versionInfo
      rdf:datatype="http://www.w3.org/2001/XMLSchema#string">1.0</owl:versionInfo>
    </owl:Ontology>

    <!-- Membuat Class Student subclass dari owl:Thing -->
    <owl:Class rdf:about="http://www.owl-ontologies.com/student_model.owl#Student">
      <rdfs:subClassOf rdf:resource="http://www.w3.org/2002/07/owl#Thing"/>
      <rdfs:label
        rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Mahasiswa</rdfs:label>
      <!-- Membuat restriction hasPerformance -->
      <rdfs:subClassOf>
        <owl:Restriction>
          <owl:onProperty>
            <owl:ObjectProperty rdf:about="http://www.owl-ontologies.com/student_model.owl#hasPerformance"/>
          </owl:onProperty>
          <owl:allValuesFrom rdf:resource="http://www.owl-ontologies.com/student_model.owl#Performance"/>
        </owl:Restriction>
      </rdfs:subClassOf>
      <!-- Membuat restriction hasLearningStyle -->
      <rdfs:subClassOf>
        <owl:Restriction>
          <owl:onProperty>
            <owl:ObjectProperty rdf:about="http://www.owl-ontologies.com/student_model.owl#hasLearningStyle"/>
          </owl:onProperty>
          <owl:allValuesFrom rdf:resource="http://www.owl-ontologies.com/student_model.owl#LearningStyle"/>
        </owl:Restriction>
      </rdfs:subClassOf>
      <!-- Membuat restriction inProgram -->
      <rdfs:subClassOf>
        <owl:Restriction>
          <owl:onProperty>
            <owl:ObjectProperty rdf:about="http://www.owl-ontologies.com/student_model.owl#inProgram"/>
          </owl:onProperty>
          <owl:allValuesFrom rdf:resource="http://www.owl-ontologies.com/student_model.owl#Program"/>
        </owl:Restriction>
      </rdfs:subClassOf>
      <!-- Membuat restriction isAtDegree -->
      <rdfs:subClassOf>
        <owl:Restriction>
          <owl:onProperty>

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        <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#isAtDegree"/>
        </owl:onProperty>
        <owl:allValuesFrom rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Degree"/>
        </owl:Restriction>
    </rdfs:subClassOf>
    <!-- Membuat restriction isAStudentAtUniversity -->
    <rdfs:subClassOf>
        <owl:Restriction>
            <owl:onProperty>
                <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#isAStudentAtUniversity"/>
                </owl:onProperty>
                <owl:allValuesFrom rdf:resource="http://www.owl-
ontologies.com/student_model.owl#University"/>
            </owl:Restriction>
        </rdfs:subClassOf>
        <!-- Membuat restriction studiesAtFaculty -->
        <rdfs:subClassOf>
            <owl:Restriction>
                <owl:onProperty>
                    <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#studiesAtFaculty"/>
                    </owl:onProperty>
                    <owl:allValuesFrom rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Faculty"/>
                </owl:Restriction>
            </rdfs:subClassOf>
            <!-- Membuat restriction studiesAtMajors -->
            <rdfs:subClassOf>
                <owl:Restriction>
                    <owl:onProperty>
                        <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#studiesAtMajors"/>
                        </owl:onProperty>
                        <owl:allValuesFrom rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Majors"/>
                    </owl:Restriction>
                </rdfs:subClassOf>
                <!-- Membuat restriction passesThrough -->
                <rdfs:subClassOf>
                    <owl:Restriction>
                        <owl:onProperty>
                            <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#passesThrough"/>
                            </owl:onProperty>
                            <owl:allValuesFrom rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Entrance"/>
                        </owl:Restriction>
                    </rdfs:subClassOf>
                </owl:Class>

        <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LearningStyle">
            <rdfs:subClassOf rdf:resource="http://www.w3.org/2002/07/owl#Thing"/>
            <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Gaya
Belajar</rdfs:label>
            <!-- Membuat restriction basedOnTheory -->
            <rdfs:subClassOf>
                <owl:Restriction>
                    <owl:onProperty>
                        <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#basedOnTheory"/>
                    </owl:Restriction>
                </rdfs:subClassOf>
            </owl:Class>

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        </owl:onProperty>
        <owl:allValuesFrom rdf:resource="http://www.owl-
ontologies.com/student_model.owl#LearningStyleTheory"/>
    </owl:Restriction>
</rdfs:subClassOf>
<!-- Membuat restriction reflectedBy -->
<rdfs:subClassOf>
    <owl:Restriction>
        <owl:onProperty>
            <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#reflectedBy"/>
        </owl:onProperty>
        <owl:allValuesFrom rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Student"/>
    </owl:Restriction>
</rdfs:subClassOf>
</owl:Class>
<!-- Membuat Class Performance, subclass dari owl:Thing -->
<owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance">
    <rdfs:subClassOf rdf:resource="http://www.w3.org/2002/07/owl#Thing"/>
    <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Performa</rdfs:lab
el>
</owl:Class>
<!-- Membuat Class LearningStyleTheory, subclass dari owl:Thing -->
<owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LearningStyleTheory">
    <rdfs:subClassOf rdf:resource="http://www.w3.org/2002/07/owl#Thing"/>
    <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Teori Gaya
Belajar</rdfs:label>
</owl:Class>
<!-- Membuat Class PersonalInformation, subclass dari owl:Thing -->
<owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#PersonalInformation">
    <rdfs:subClassOf rdf:resource="http://www.w3.org/2002/07/owl#Thing"/>
    <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Informasi
Pribadi</rdfs:label>
</owl:Class>

<!-- Membuat Class University subclass dari owl:Thing -->
<owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#University">
    <rdfs:subClassOf rdf:resource="http://www.w3.org/2002/07/owl#Thing"/>
    <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Universitas</rdfs:
label>

    <!-- Membuat restriction hasFaculties-->
    <rdfs:subClassOf>
        <owl:Restriction>
            <owl:onProperty>
                <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#hasFaculties"/>
            </owl:onProperty>
            <owl:allValuesFrom rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Faculty"/>
        </owl:Restriction>
    </rdfs:subClassOf>
</owl:Class>

    <!-- Membuat Class Faculty subclass dari owl:Thing -->
    <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Faculty">

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    <rdfs:subClassOf rdf:resource="http://www.w3.org/2002/07/owl#Thing"/>
    <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Fakultas</rdfs:label>
    <!-- Membuat restriction hasPrograms -->
    <rdfs:subClassOf>
    <owl:Restriction>
    <owl:onProperty>
    <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#hasPrograms"/>
    </owl:onProperty>
    <owl:allValuesFrom rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Program"/>
    </owl:Restriction>
    </rdfs:subClassOf>
    <!-- Membuat restriction hasMajors -->
    <rdfs:subClassOf>
    <owl:Restriction>
    <owl:onProperty>
    <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#hasMajors"/>
    </owl:onProperty>
    <owl:allValuesFrom rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Majors"/>
    </owl:Restriction>
    </rdfs:subClassOf>
    </owl:Class>

    <!-- Membuat Class Majors subclass dari owl:Thing -->
    <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Majors">
    <rdfs:subClassOf rdf:resource="http://www.w3.org/2002/07/owl#Thing"/>
    <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Jurusan</rdfs:label>
    <!-- Membuat restriction hasStudyDegrees -->
    <rdfs:subClassOf>
    <owl:Restriction>
    <owl:onProperty>
    <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#hasStudyDegrees"/>
    </owl:onProperty>
    <owl:allValuesFrom rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Degree"/>
    </owl:Restriction>
    </rdfs:subClassOf>
    </owl:Class>

    <!-- Membuat Class Degree, subclass dari owl:Thing -->
    <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Degree">
    <rdfs:subClassOf rdf:resource="http://www.w3.org/2002/07/owl#Thing"/>
    <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Jenjang</rdfs:label>
    </owl:Class>

    <!-- Membuat Class Entrance, subclass dari owl:Thing -->
    <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Entrance">
    <rdfs:subClassOf rdf:resource="http://www.w3.org/2002/07/owl#Thing"/>
    <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Jalur
Masuk</rdfs:label>

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</owl:Class>

  <!-- Membuat Class Program, subclass dari owl:Thing -->
  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Program">
    <rdfs:subClassOf rdf:resource="http://www.w3.org/2002/07/owl#Thing"/>
    <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Program
Studi</rdfs:label>
    <!-- Membuat restriction heldInDegrees -->
    <rdfs:subClassOf>
      <owl:Restriction>
        <owl:onProperty>
          <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#heldInDegrees"/>
        </owl:onProperty>
        <owl:allValuesFrom rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Degree"/>
      </owl:Restriction>
    </rdfs:subClassOf>
    <!-- Membuat restriction canBeEnteredThrough -->
    <rdfs:subClassOf>
      <owl:Restriction>
        <owl:onProperty>
          <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#canBeEnteredThrough"/>
        </owl:onProperty>
        <owl:allValuesFrom rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Entrance"/>
      </owl:Restriction>
    </rdfs:subClassOf>
  </owl:Class>

  <!-- Membuat subclass dari Learning Style -->
  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Active-Reflective">
    <rdfs:subClassOf>
      <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LearningStyle"/>
    </rdfs:subClassOf>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Visual-Verbal"/></owl:disjointWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Sequential-
Global"/></owl:disjointWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Inductive-
Deductive"/></owl:disjointWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Sensing-
Intuitive"/></owl:disjointWith>
    <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Gaya Belajar
Active-Reflective</rdfs:label>
  </owl:Class>

  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Visual-Verbal">
    <rdfs:subClassOf>
      <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LearningStyle"/>
    </rdfs:subClassOf>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Sensing-
Intuitive"/></owl:disjointWith>

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    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Sequential-
Global"/></owl:disjointWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Inductive-
Deductive"/></owl:disjointWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Active-
Reflective"/></owl:disjointWith>
    <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Gaya Belajar
Visual-Verbal</rdfs:label>
  </owl:Class>

  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Sensing-Intuitive">
    <rdfs:subClassOf>
      <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LearningStyle"/>
    </rdfs:subClassOf>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Visual-Verbal"/></owl:disjointWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Sequential-
Global"/></owl:disjointWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Inductive-
Deductive"/></owl:disjointWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Active-
Reflective"/></owl:disjointWith>
    <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Gaya Belajar
Sensing-Intuitive</rdfs:label>
  </owl:Class>

  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Inductive-Deductive">
    <rdfs:subClassOf>
      <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LearningStyle"/>
    </rdfs:subClassOf>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Visual-Verbal"/></owl:disjointWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Sequential-
Global"/></owl:disjointWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Sensing-
Intuitive"/></owl:disjointWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Active-
Reflective"/></owl:disjointWith>
    <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Gaya Belajar
Inductive-Deductive</rdfs:label>
  </owl:Class>

  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Sequential-Global">
    <rdfs:subClassOf>
      <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LearningStyle"/>
    </rdfs:subClassOf>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-

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ontologies.com/student_model.owl#LS_Visual-Verbal"/></owl:disjointWith>
  <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Sensing-
Intuitive"/></owl:disjointWith>
  <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Inductive-
Deductive"/></owl:disjointWith>
  <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LS_Active-
Reflective"/></owl:disjointWith>
  <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Gaya Belajar
Sequential-Global</rdfs:label>
</owl:Class>

  <!-- Membuat subclass dari Performance -->
  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Accumulative">
    <rdfs:subClassOf>
      <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance"/>
    </rdfs:subClassOf>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Course"/></owl:disjointWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_PreviousTerm"/></owl:disjoin
tWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Task"/></owl:disjointWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Test"/></owl:disjointWith>
    <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Performa
Akumulatif</rdfs:label>
  </owl:Class>

  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_PreviousTerm">
    <rdfs:subClassOf>
      <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance"/>
    </rdfs:subClassOf>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Course"/></owl:disjointWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Accumulative"/></owl:disjoin
tWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Task"/></owl:disjointWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Test"/></owl:disjointWith>
    <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Performa Semester
yang Telah Lalu</rdfs:label>
  </owl:Class>

  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Task">
    <rdfs:subClassOf>
      <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance"/>
    </rdfs:subClassOf>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Course"/></owl:disjointWith>
    <owl:disjointWith><owl:Class rdf:about="http://www.owl-

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ontologies.com/student_model.owl#Performance_PreviousTerm"/></owl:disjoin
tWith>
  <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Accumulative"/></owl:disjoin
tWith>
  <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Test"/></owl:disjointWith>
  <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Performa
Tugas</rdfs:label>
  </owl:Class>

  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Test">
  <rdfs:subClassOf>
  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance"/>
  </rdfs:subClassOf>
  <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Course"/></owl:disjointWith>
  <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_PreviousTerm"/></owl:disjoin
tWith>
  <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Task"/></owl:disjointWith>
  <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Accumulative"/></owl:disjoin
tWith>
  <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Performa
Tes</rdfs:label>
  </owl:Class>

  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Course">
  <rdfs:subClassOf>
  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance"/>
  </rdfs:subClassOf>
  <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Accumulative"/></owl:disjoin
tWith>
  <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_PreviousTerm"/></owl:disjoin
tWith>
  <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Task"/></owl:disjointWith>
  <owl:disjointWith><owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Test"/></owl:disjointWith>
  <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Performa Mata
Kuliah</rdfs:label>
  </owl:Class>

  <!-- Membuat object property -->
  <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#hasPerformance">
  <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">has
Performance</rdfs:label>
  <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-
ns#Property"/>
  </owl:ObjectProperty>

  <owl:ObjectProperty rdf:about="http://www.owl-

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ontologies.com/student_model.owl#hasLearningStyle">
  <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">has Learning
Style</rdfs:label>
  <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-
ns#Property"/>
  </owl:ObjectProperty>

  <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#isAStudentAtUniversity">
    <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">is Student at
University</rdfs:label>
    <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-
ns#Property"/>
    </owl:ObjectProperty>

    <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#studiesAtFaculty">
      <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">studies at
Faculty</rdfs:label>
      <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-
ns#Property"/>
      </owl:ObjectProperty>

      <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#studiesAtMajors">
        <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">studies at
Majors</rdfs:label>
        <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-
ns#Property"/>
        </owl:ObjectProperty>

        <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#isAtDegree">
          <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">is at
Degree</rdfs:label>
          <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-
ns#Property"/>
          </owl:ObjectProperty>

          <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#inProgram">
            <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">is at
Level</rdfs:label>
            <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-
ns#Property"/>
            </owl:ObjectProperty>

            <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#hasFaculties">
              <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">has
Faculties</rdfs:label>
              <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-
ns#Property"/>
              </owl:ObjectProperty>

              <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#hasMajors">
                <rdfs:label

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rdf:datatype="http://www.w3.org/2001/XMLSchema#string">has
Majors</rdfs:label>
  <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-
ns#Property"/>
</owl:ObjectProperty>

  <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#hasPrograms">
  <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">has
Programs</rdfs:label>
  <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-
ns#Property"/>
  </owl:ObjectProperty>

  <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#hasStudyDegrees">
  <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">has Study
Degrees</rdfs:label>
  <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-
ns#Property"/>
  </owl:ObjectProperty>

  <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#heldInDegrees">
  <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">heldInDegrees</rdfs:label>
  <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-
ns#Property"/>
  </owl:ObjectProperty>

  <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#basedOnTheory">
  <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">based On
Theory</rdfs:label>
  <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-
ns#Property"/>
  </owl:ObjectProperty>

  <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#reflectedBy">
  <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">reflected
By</rdfs:label>
  <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-
ns#Property"/>
  <owl:inverseOf>
    <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#hasLearningStyle"/>
  </owl:inverseOf>
  </owl:ObjectProperty>

  <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#canBeEnteredThrough">
  <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">can be entered
through</rdfs:label>
  <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-
ns#Property"/>
  </owl:ObjectProperty>

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    <owl:ObjectProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#passesThrough">
      <rdfs:label
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">passes
through</rdfs:label>
      <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-
ns#Property"/>
    </owl:ObjectProperty>

    <!-- Membuat functional property -->
    <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#typeOfActiveReflective">
      <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#LS_Active-Reflective"/>
      <rdfs:range>
        <owl:DataRange>
          <owl:oneOf rdf:parseType="Resource">
            <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">active</rdf:first>
              <rdf:rest rdf:parseType="Resource">
                <rdf:rest rdf:parseType="Resource">
                  <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">reflective</rdf:fi
rst>
                    <rdf:rest rdf:parseType="Resource">
                      <rdf:rest rdf:parseType="Resource">
                        <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">active-reflective
seimbang</rdf:first>
                          <rdf:rest
rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#nil"/>
                            </rdf:rest>
                              <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">cenderung
active</rdf:first>
                                </rdf:rest>
                                  </rdf:rest>
                                    </rdf:rest>
                                      <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">cenderung
reflective</rdf:first>
                                        </rdf:rest>
                                          </rdf:rest>
                                            </owl:oneOf>
                                          </owl:DataRange>
                                        </rdfs:range>
                                      </owl:FunctionalProperty>

          <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#typeOfInductiveDeductive">
            <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#LS_Inductive-Deductive"/>
            <rdfs:range>
              <owl:DataRange>
                <owl:oneOf rdf:parseType="Resource">
                  <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">inductive</rdf:fi
rst>
                    <rdf:rest rdf:parseType="Resource">
                      <rdf:rest rdf:parseType="Resource">
                        <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">deductive</rdf:fi
rst>
                          <rdf:rest rdf:parseType="Resource">
                            <rdf:rest rdf:parseType="Resource">
                              <rdf:first

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rdf:datatype="http://www.w3.org/2001/XMLSchema#string">inductive-
deductive seimbang</rdf:first>
    <rdf:rest
rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#nil"/>
    </rdf:rest>
    <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">cenderung
inductive</rdf:first>
    </rdf:rest>
    </rdf:rest>
    <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">cenderung
deductive</rdf:first>
    </rdf:rest>
    </owl:oneOf>
    </owl:DataRange>
    </rdfs:range>
    </owl:FunctionalProperty>

    <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#typeOfSequentialGlobal">
    <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#LS_Sequential-Global"/>
    <rdfs:range>
    <owl:DataRange>
    <owl:oneOf rdf:parseType="Resource">
    <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">sequential</rdf:fi
rst>
    <rdf:rest rdf:parseType="Resource">
    <rdf:rest rdf:parseType="Resource">
    <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">global</rdf:first>
    <rdf:rest rdf:parseType="Resource">
    <rdf:rest rdf:parseType="Resource">
    <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">sequential-global
seimbang</rdf:first>
    <rdf:rest
rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#nil"/>
    </rdf:rest>
    <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">cenderung
sequential</rdf:first>
    </rdf:rest>
    </rdf:rest>
    <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">cenderung
global</rdf:first>
    </rdf:rest>
    </owl:oneOf>
    </owl:DataRange>
    </rdfs:range>
    </owl:FunctionalProperty>

    <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#typeOfVisualVerbal">
    <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#LS_Visual-Verbal"/>
    <rdfs:range>
    <owl:DataRange>
    <owl:oneOf rdf:parseType="Resource">
    <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">visual</rdf:first>
    <rdf:rest rdf:parseType="Resource">

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        <rdf:rest rdf:parseType="Resource">
          <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">verbal</rdf:first>
          <rdf:rest rdf:parseType="Resource">
            <rdf:rest rdf:parseType="Resource">
              <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">visual-verbal
seimbang</rdf:first>
              <rdf:rest
rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#nil"/>
              </rdf:rest>
            </rdf:rest>
          </rdf:rest>
        </owl:oneOf>
      </owl:DataRange>
    </rdfs:range>
  </owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#typeOfSensingIntuitive">
    <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#LS_Sensing-Intuitive"/>
    <rdfs:range>
      <owl:DataRange>
        <owl:oneOf rdf:parseType="Resource">
          <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">sensing</rdf:first
>
          <rdf:rest rdf:parseType="Resource">
            <rdf:rest rdf:parseType="Resource">
              <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">intuitive</rdf:fi
rst>
              <rdf:rest rdf:parseType="Resource">
                <rdf:rest rdf:parseType="Resource">
                  <rdf:first
rdf:datatype="http://www.w3.org/2001/XMLSchema#string">sensing-intuitive
seimbang</rdf:first>
                  <rdf:rest
rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#nil"/>
                  </rdf:rest>
                </rdf:rest>
              </rdf:rest>
            </rdf:rest>
          </owl:oneOf>
        </owl:DataRange>
      </rdfs:range>
    </owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#hasPersonalInformation">
    <rdf:type

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rdf:resource="http://www.w3.org/2002/07/owl#ObjectProperty"/>
  <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Student"/>
  <rdfs:range rdf:resource="http://www.owl-
ontologies.com/student_model.owl#PersonalInformation"/>
</owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#title">
    <rdfs:domain>
      <owl:Class>
        <owl:unionOf rdf:parseType="Collection">
          <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#LearningStyleTheory"/>
          <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Task"/>
          <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Test"/>
        </owl:unionOf>
      </owl:Class>
    </rdfs:domain>
    <rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
  <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
  </owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#value">
    <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Performance"/>
    <rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
  <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
  </owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#lowestValue">
    <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Performance"/>
    <rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
  <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
  </owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#highestValue">
    <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Performance"/>
    <rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
  <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
  </owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#score">
    <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Performance"/>
    <rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
  <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#float"/>
  </owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#lowestScore">
    <rdfs:domain rdf:resource="http://www.owl-

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ontologies.com/student_model.owl#Performance"/>
  <rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
  <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#float"/>
</owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#highestScore">
  <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Performance"/>
  <rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
  <rdfs:range
rdf:resource="http://www.w3.org/2001/XMLSchema#float"/>
</owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#course">
  <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Performance_Course"/>
  <rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
  <rdfs:range
rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
</owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#SKSTerm">
  <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Performance_PreviousTerm"/>
  <rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
  <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#int"/>
</owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#lowestScoreOfStudents">
  <rdfs:domain>
  <owl:Class>
  <owl:unionOf rdf:parseType="Collection">
  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Task"/>
  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Test"/>
  </owl:unionOf>
  </owl:Class>
  </rdfs:domain>
  <rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
  <rdfs:range
rdf:resource="http://www.w3.org/2001/XMLSchema#float"/>
</owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#highestScoreOfStudents">
  <rdfs:domain>
  <owl:Class>
  <owl:unionOf rdf:parseType="Collection">
  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Task"/>
  <owl:Class rdf:about="http://www.owl-
ontologies.com/student_model.owl#Performance_Test"/>
  </owl:unionOf>
  </owl:Class>
  </rdfs:domain>

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<rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
<rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#float"/>
</owl:FunctionalProperty>

<owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#email">
<rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#PersonalInformation"/>
<rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
<rdfs:range
rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
</owl:FunctionalProperty>

<owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#phone">
<rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#PersonalInformation"/>
<rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
<rdfs:range
rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
</owl:FunctionalProperty>

<owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#sksTotal">
<rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#PersonalInformation"/>
<rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
<rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#int"/>
</owl:FunctionalProperty>

<owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#name">
<rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Student"/>
<rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
<rdfs:range
rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
</owl:FunctionalProperty>

<owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#nameOfUniv">
<rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#University"/>
<rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
<rdfs:range
rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
</owl:FunctionalProperty>

<owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#nameOfFaculty">
<rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Faculty"/>
<rdf:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
<rdfs:range
rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
</owl:FunctionalProperty>

<owl:FunctionalProperty rdf:about="http://www.owl-

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ontologies.com/student_model.owl#nameOfMajors">
  <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Majors"/>
  <rdfs:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
  <rdfs:range
rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
</owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#nameOfProgram">
  <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Program"/>
  <rdfs:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
  <rdfs:range
rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
</owl:FunctionalProperty>


  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#nameOfDegree">
  <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Degree"/>
  <rdfs:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
  <rdfs:range
rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
</owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#nameOfEntrance">
  <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Entrance"/>
  <rdfs:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
  <rdfs:range
rdf:resource="http://www.w3.org/2001/XMLSchema#string"/>
</owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#term">
  <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Student"/>
  <rdfs:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
  <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#int"/>
</owl:FunctionalProperty>

  <owl:FunctionalProperty rdf:about="http://www.owl-
ontologies.com/student_model.owl#enterYear">
  <rdfs:domain rdf:resource="http://www.owl-
ontologies.com/student_model.owl#Student"/>
  <rdfs:type
rdf:resource="http://www.w3.org/2002/07/owl#DatatypeProperty"/>
  <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#int"/>
</owl:FunctionalProperty>
</rdf:RDF>

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Lampiran 3 Contoh Tampilan *Semantic Portal*


Ani Meliyani
Mahasiswa
Tahun Masuk: 2005
Semester: 8
Personal Information [klik untuk lihat](#)

Info Akademis

Universitas	Universitas Indonesia
Fakultas	Ilmu Komputer
Jurusan	Ilmu Komputer
Program Studi	S1 Ilmu Komputer Reguler
Jenjang	Sarjana
Jalur Masuk	SPMB
Gaya Belajar	active cenderung sensing cenderung verbal inductive sequential
Performa	Indeks Prestasi Kumulatif Quiz 1 Tugas 1

Contoh Tampilan *Instance of Student* (Normal)



Gaya belajar active

Kategori: Active-Reflective

Ciri: Pembelajar dengan gaya belajar aktif cenderung untuk memelihara dan memahami informasi yang terbaik dengan melakukan keaktifan dengannya, dapat dengan membahas, menerapkannya, atau menjelaskannya kepada orang lain. Sebuah ungkapan dari pembelajar aktif adalah, Mari mencobanya dan lihat bagaimana ia bekerja. Pembelajar aktif lebih menyukai belajar kelompok, mereka sangat sulit mendengarkan ceramah tanpa melakukan kegiatan fisik dengan hanya menulis catatan.

Teori: [Felder-Silverman Learning Style Theory](#)

Mahasiswa dengan Gaya Belajar active

[Ani Meliyani](#) | [Budi Setiawan](#) | [Muhammad Ali](#)

Contoh Tampilan *Instance of Learning Style* (Normal)

Quiz 1

Kategori: Performa Tes

Nilai (angka): 79.0

Nilai terendah 0.0

Nilai tertinggi 100.0

Contoh Tampilan *Instance of Performance* (Normal)

Personal Information

E-mail: ani@ui.edu

Phone: 0812345345

Total SKS: 130

Contoh Tampilan *Instance of Personal Information* (Normal)

Universitas Indonesia

Universitas

Memiliki Fakultas:

Fakultas MIPA

[Ilmu Komputer](#)

Contoh Tampilan *Instance of University* (Normal)

Ilmu Komputer

Fakultas

Membuka jurusan:

[Ilmu Komputer](#)

Membuka program studi:

[S1 Ilmu Komputer Reguler](#)

[S1 Kelas Internasional](#)

Contoh Tampilan *Instance of Faculty* (Normal)

S1 Ilmu Komputer Reguler

Program Studi

Dibuka untuk Jenjang: [Sarjana](#)

Jalur masuk: [SPMB](#)

Contoh Tampilan *Instance of Program* (Normal)

SPMB

View all the properties of a knowledge item:

[SPMB](#) is a [Jalur Masuk owl:Thing](#)

rdf:type	Jalur Masuk owl:Thing
rdfs:label	SPMB
sm:nameOfEntrance	SPMB

Contoh Tampilan *Instance of Entrance* (Raw)

Sarjana

View all the properties of a knowledge item:

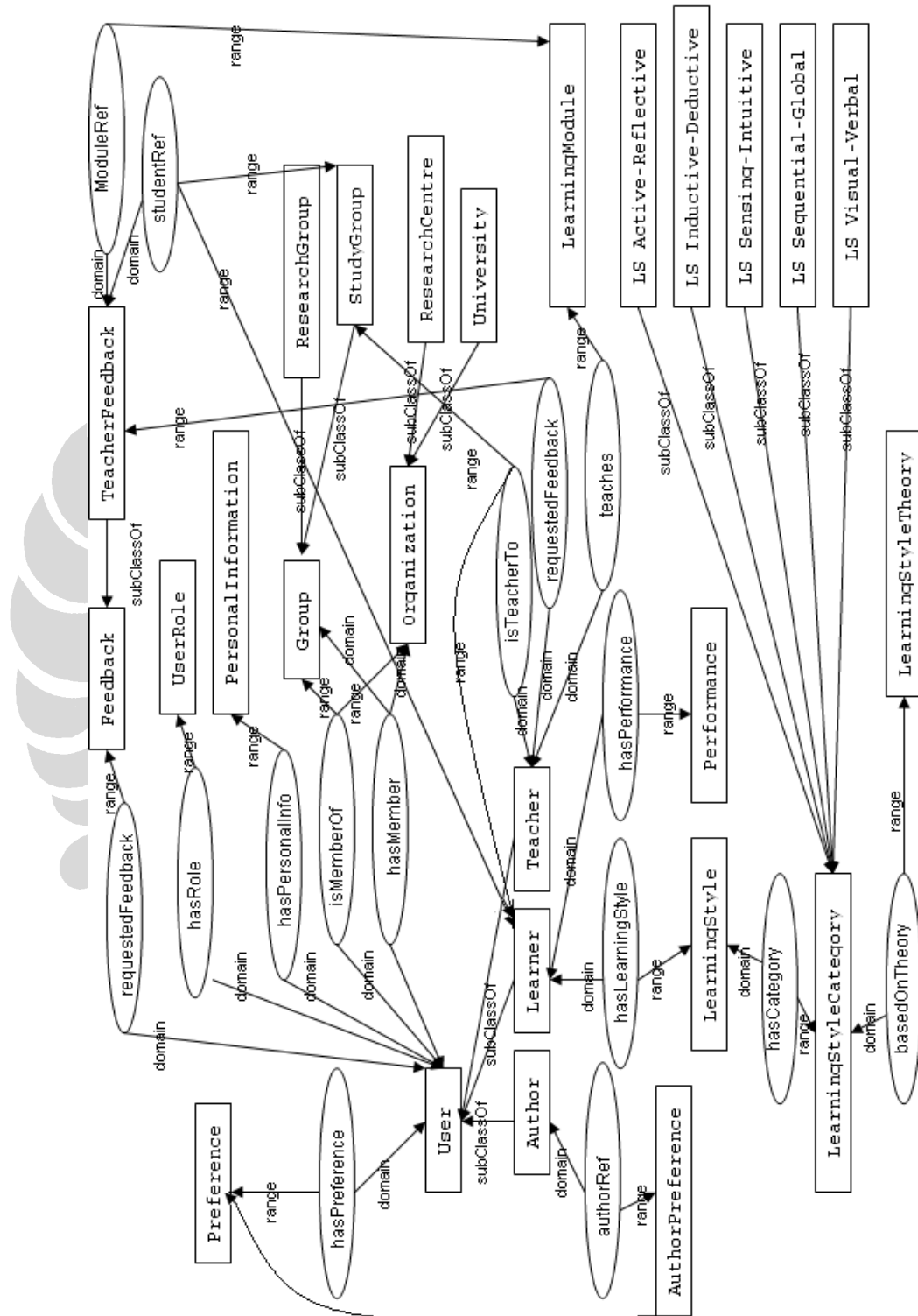
Sarjana is a Jenjang owl:Thing

<u>rdf:type</u>	<u>Jenjang owl:Thing</u>
<u>rdfs:label</u>	Sarjana
<u>sm:nameOfDegree</u>	Sarjana

Contoh Tampilan *Instance of Degree* (Raw)



Lampiran 4 Gambar User Model LOCO



Lampiran 5 Gambar *Performance Ontology (PAPI)* dan *User's Preference Ontology (lips)*

