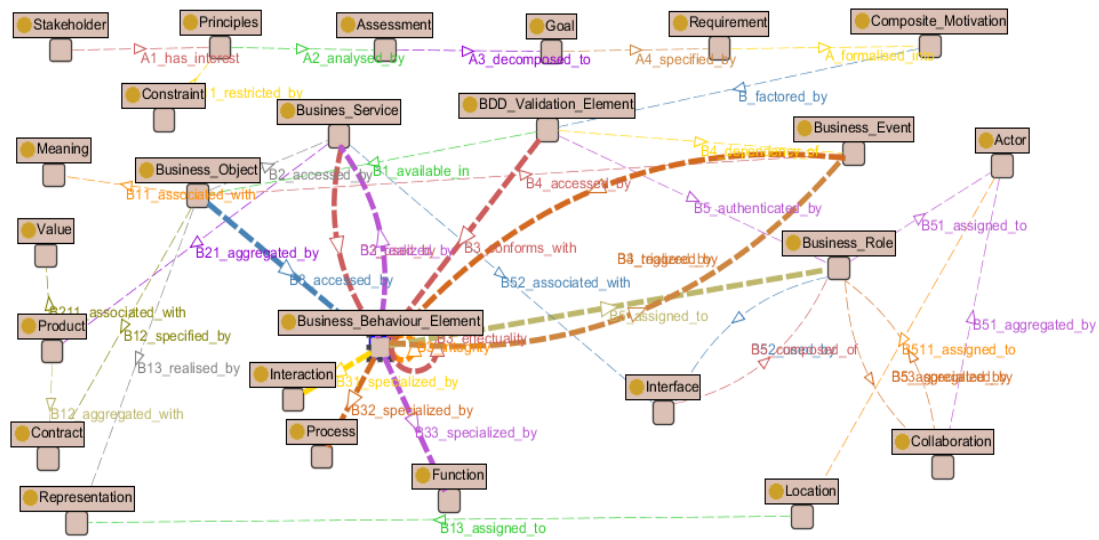## Ontology RDF Graphs

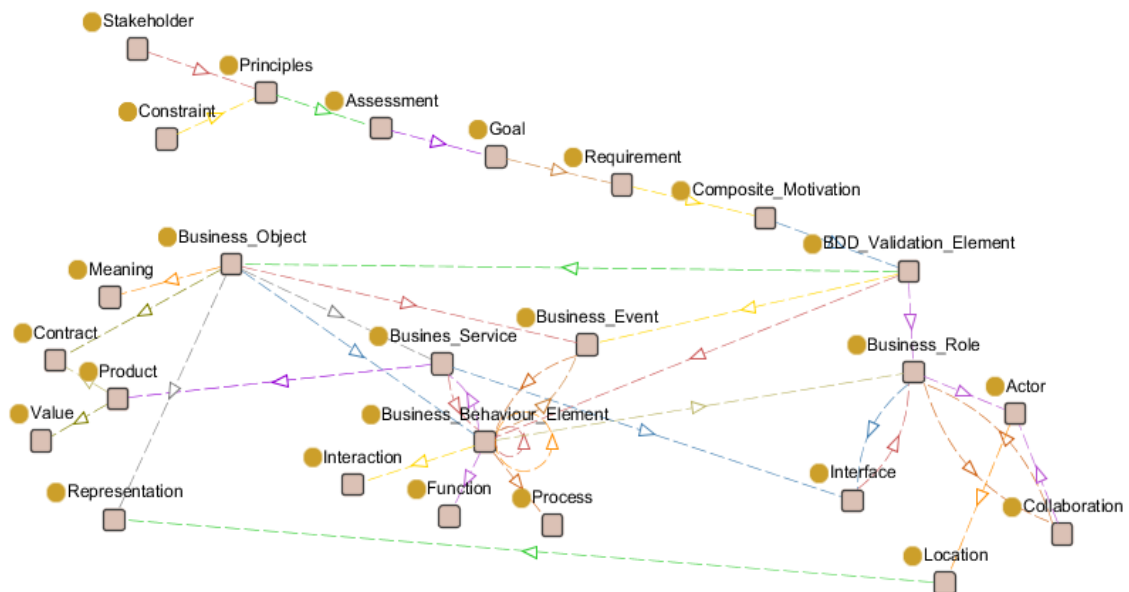Figure 7-14: RDFS of the ontology showing exact representation of the Metamodel

Figure 7-15: Schematic segregation of the RDF into motivation, information, behaviour and structure
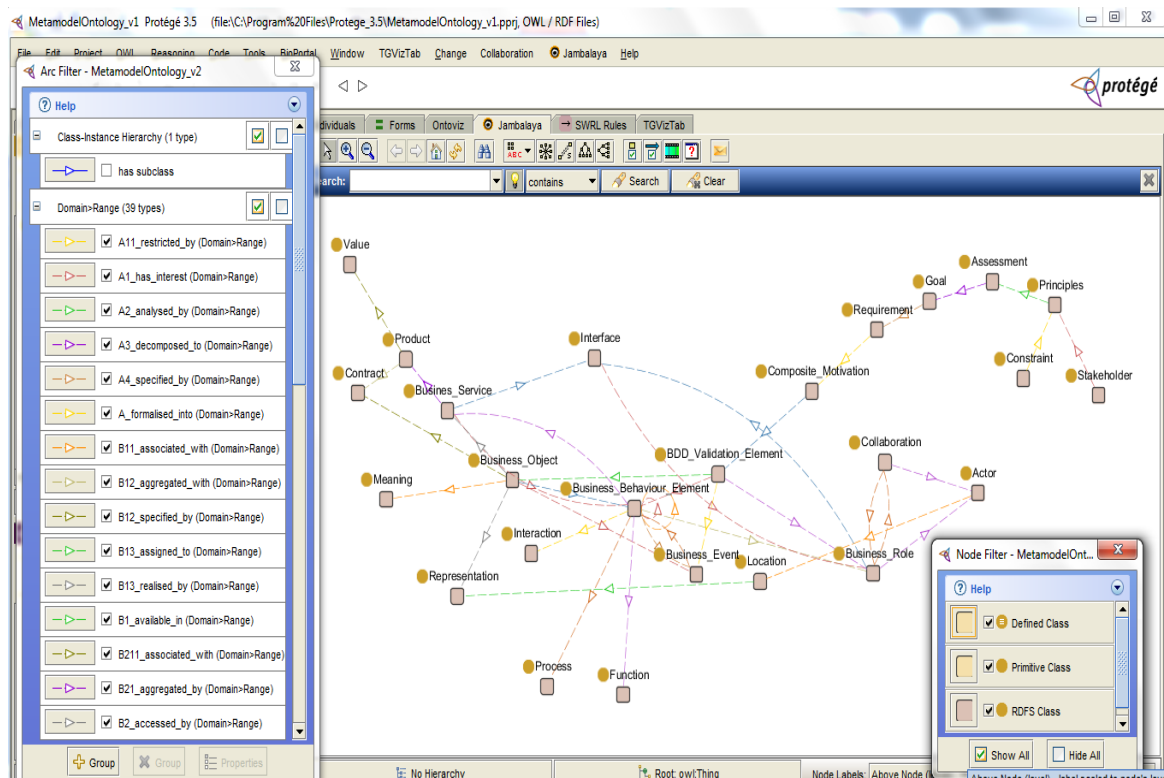
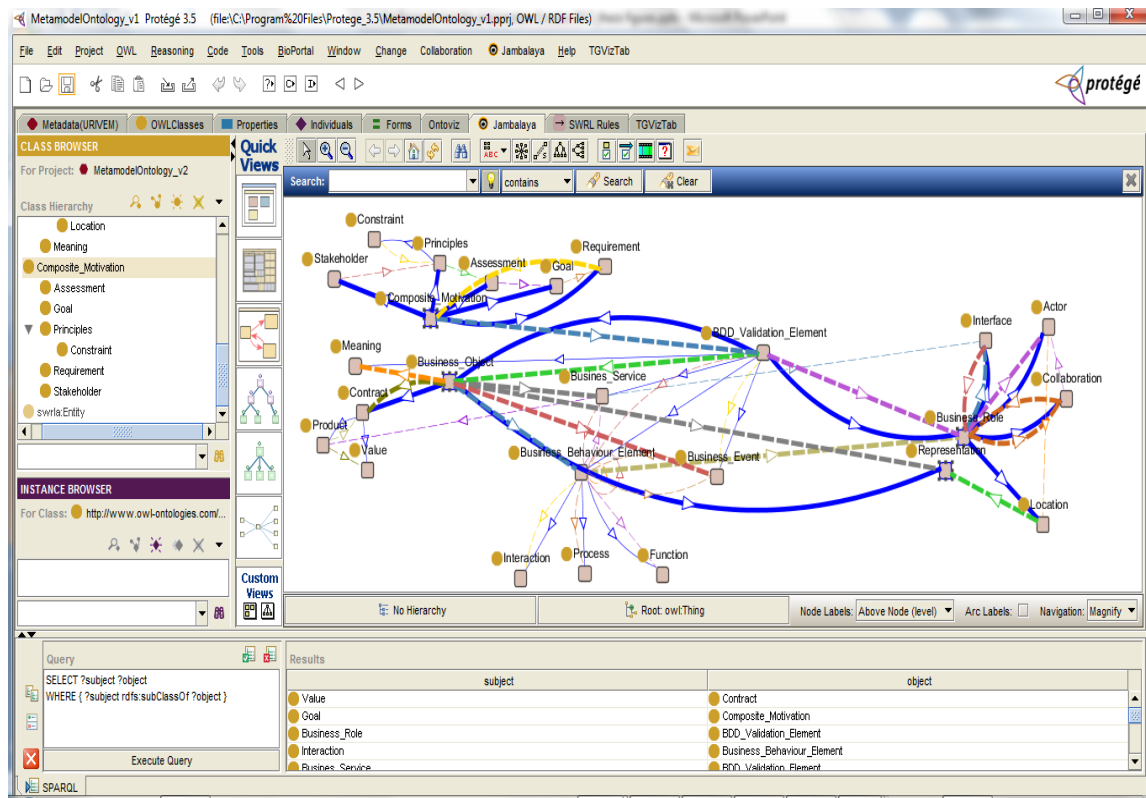Figure 7-16: Querying the ontology using the Reasoner

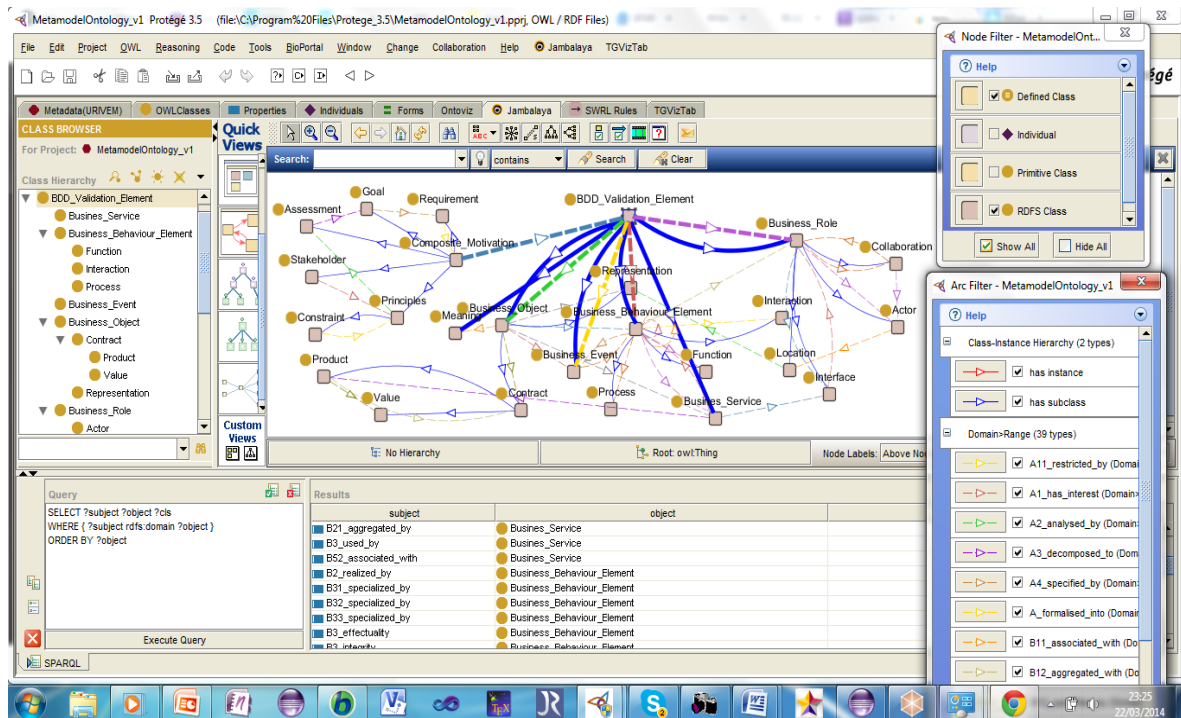Figure 7-17: Traceability of class and relationships on ontology using SPARQL

Figure 7-18:   SPARQL Query combined with Filters, Cardinality, Artefact and Property
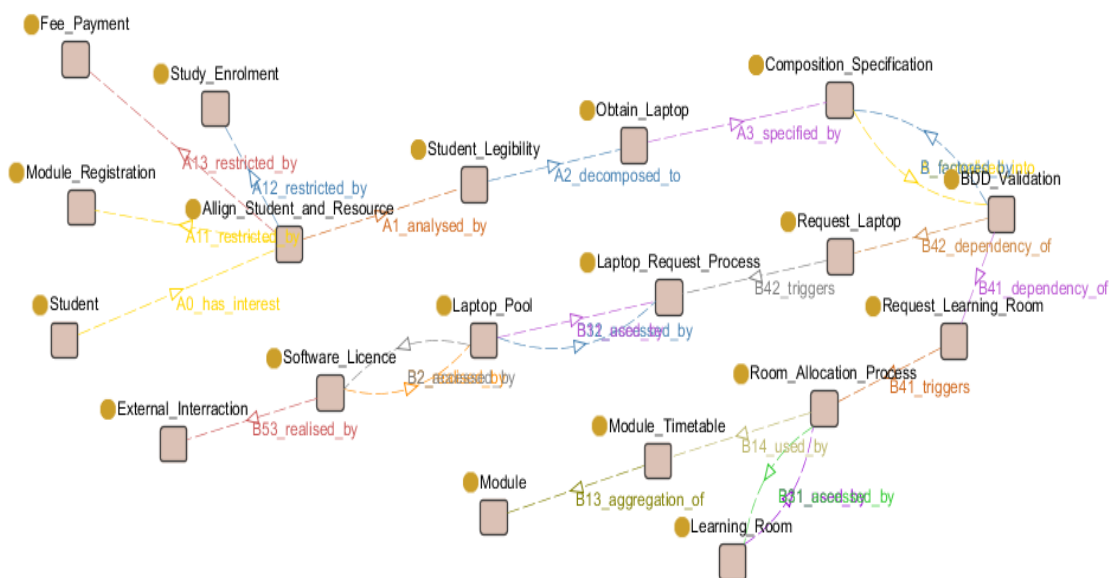

Figure 8-16:   RDFS of the ontology showing slot transition of the UME-LLS
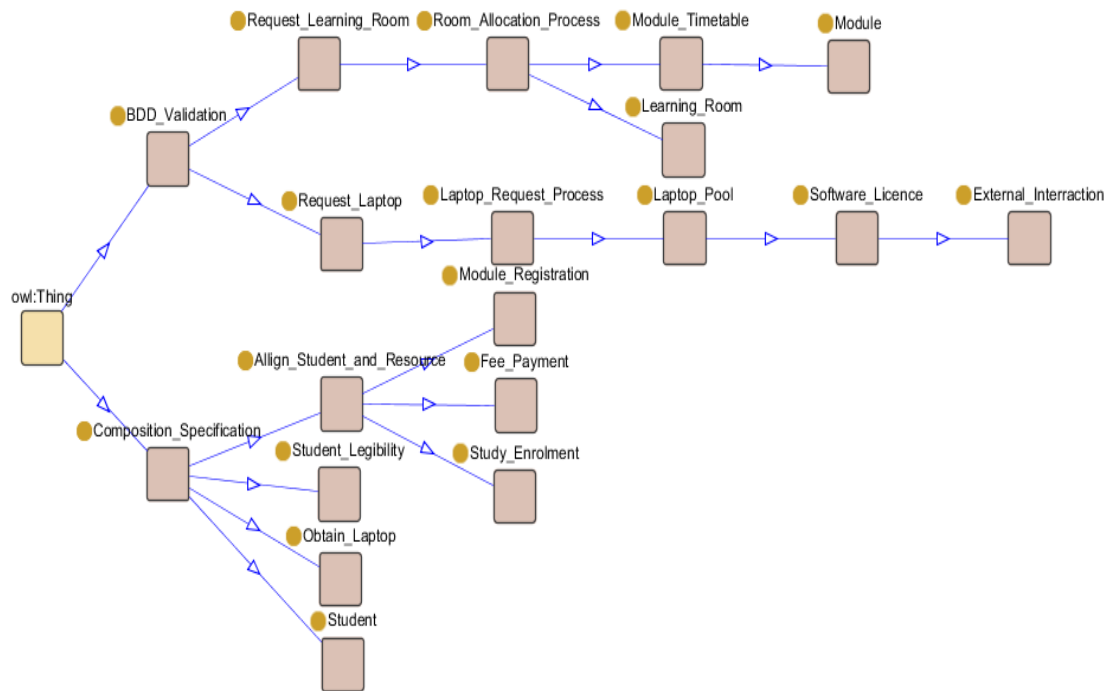
Figure 8-17:   Schematic segregation of the UME-LLS showing the class hierarchy
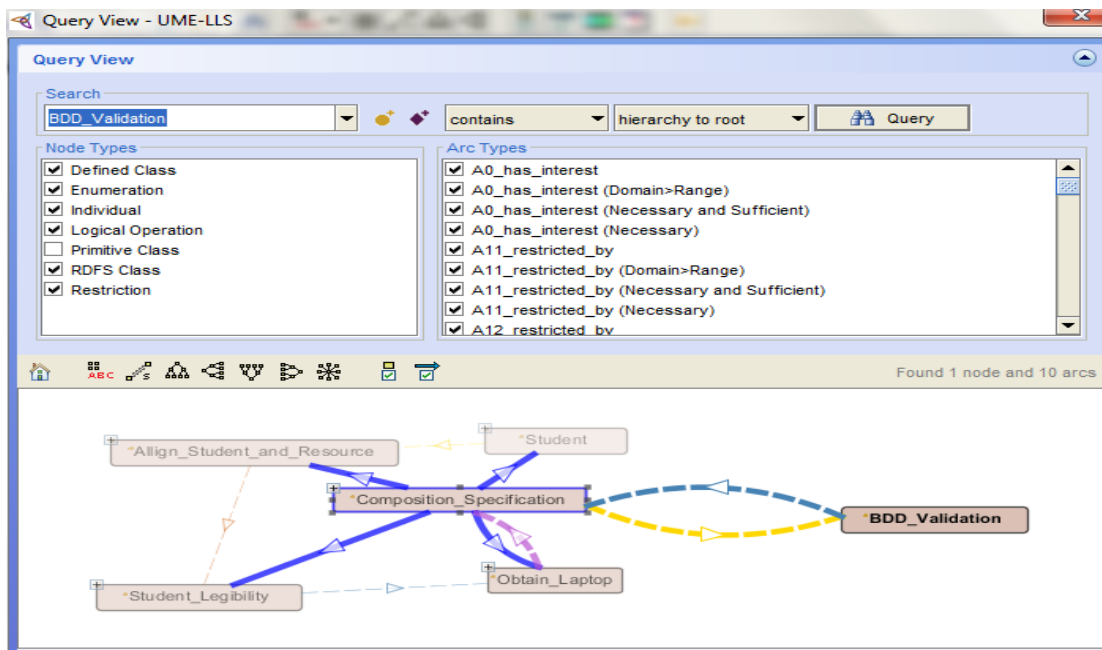

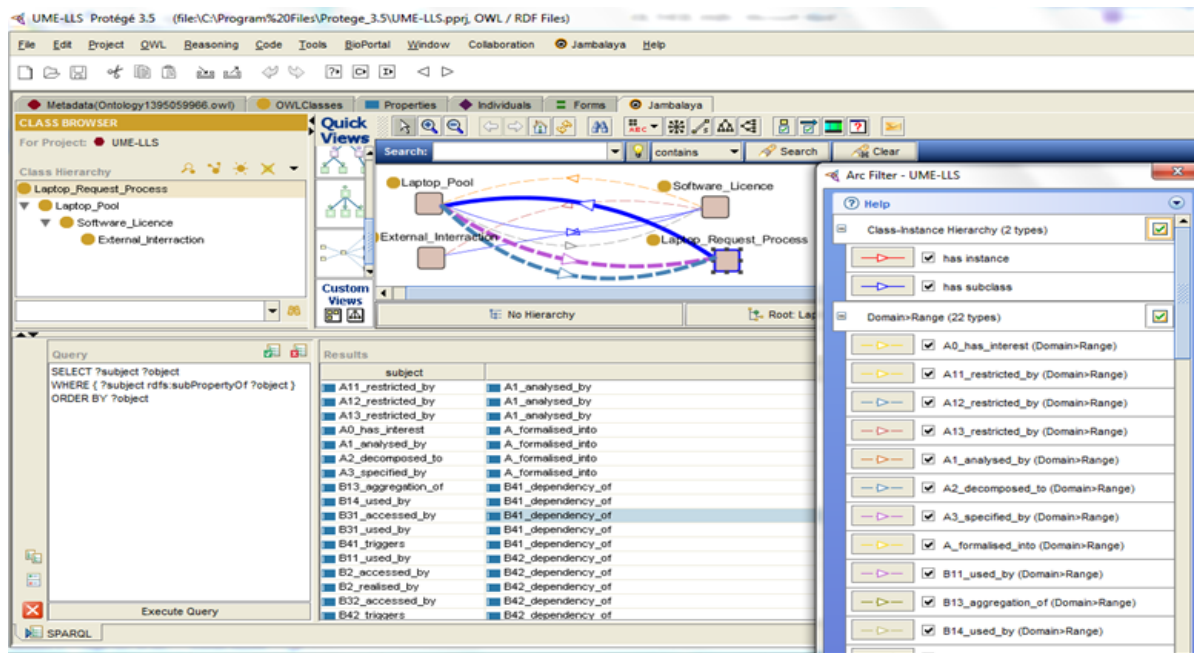Figure 8-18: Querying the UME-LLS using the OWL Reasoner

Figure 8-22: Querying the UME-LLS using SPARQL for Class and Superclass association
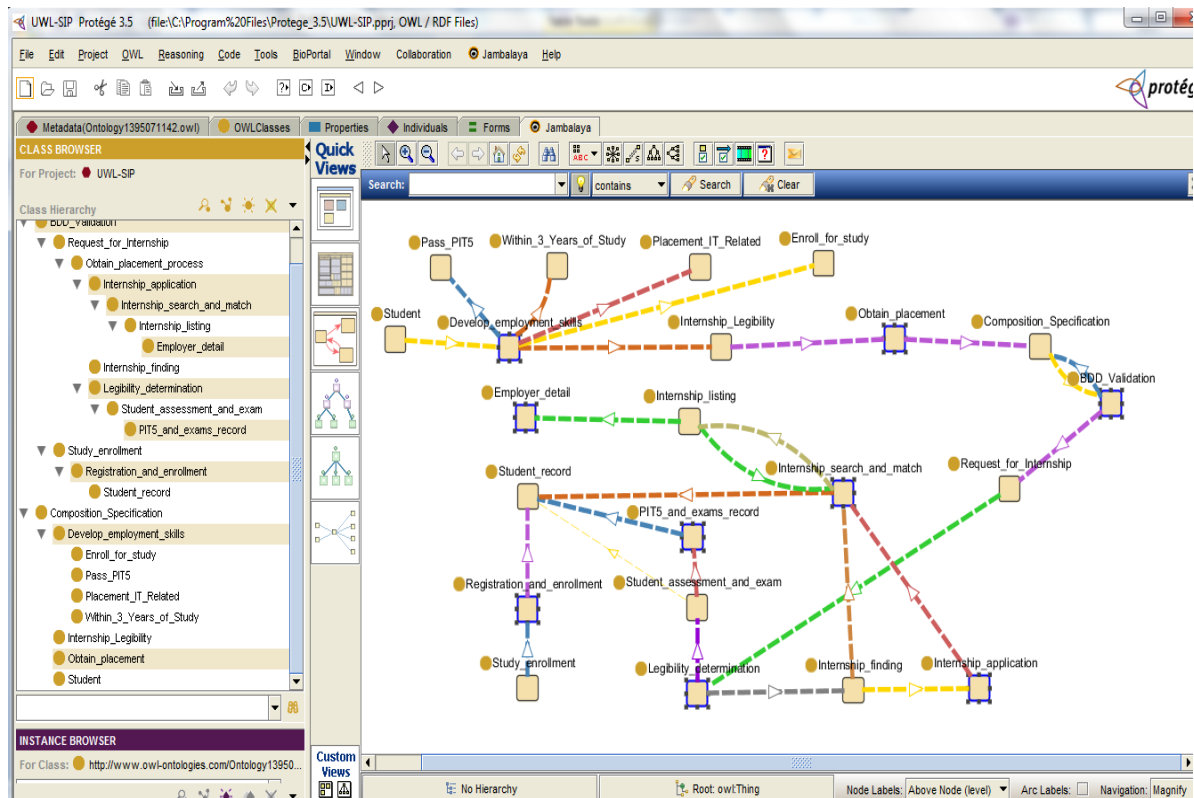

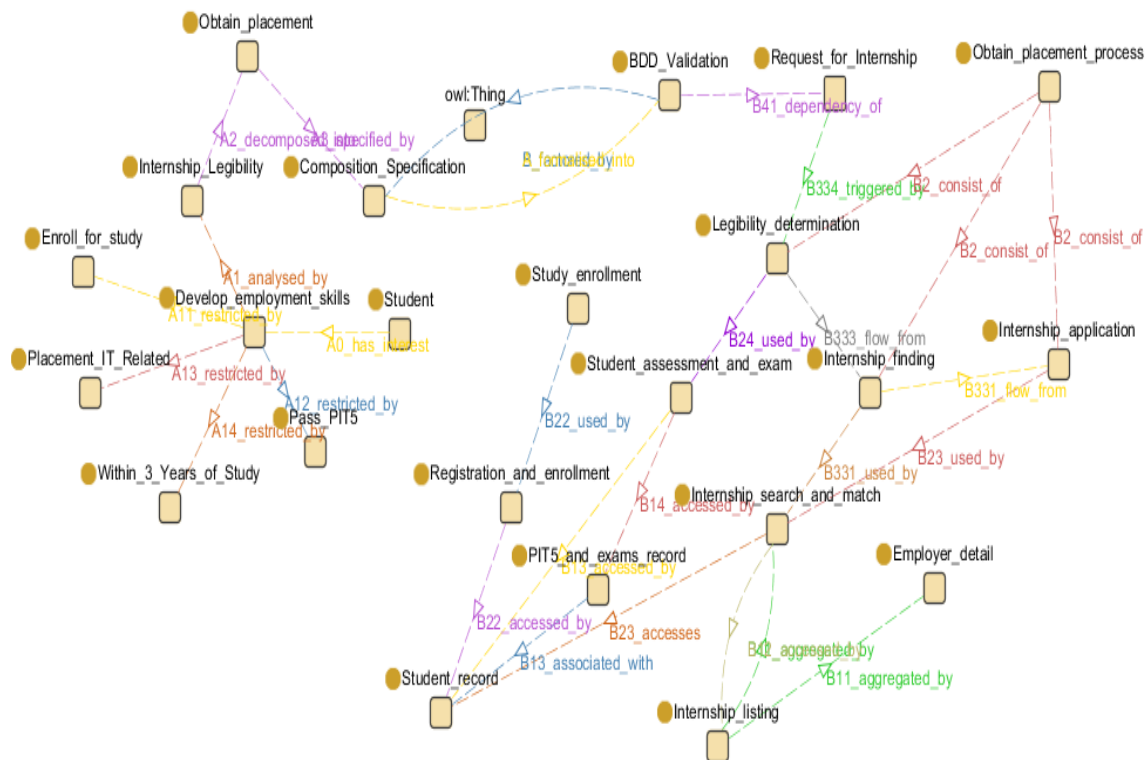Figure 8-39: OWL implementation of UWL-SIP Classes

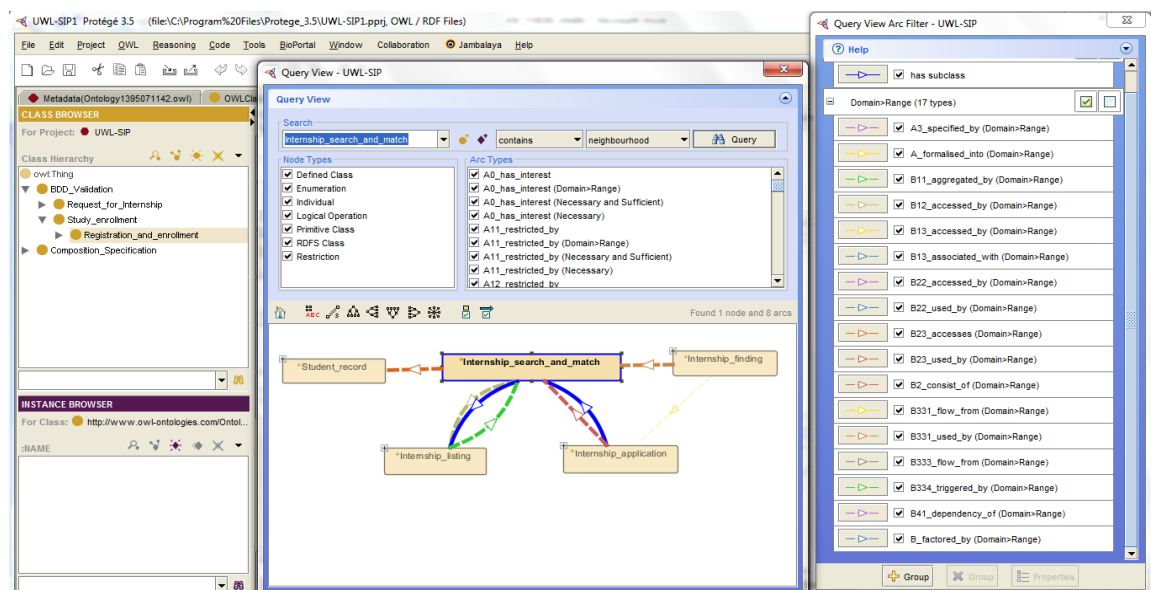Figure 8-41:   Visual Representation of the class, domain and range mappings for UWL-SIP

Figure 8-42:   Querying the UWL-SIP using the OWL Reasoner