SCHEDULE 2: THE REQUIREMENTS

All functional assumes the use of CIDOC CRM as the main ontology schema for data Components should be documented

Iteration 1
Iteration completion date: May 31, 2018

Title	Description	Est	Comments
Multi selection	As a user, I should be able to select multiple terms in source terminology and align them at once to some term in target terminology.	3	
Add entity to clipboard	Add the option to the form to automatically add the new entity to the clipboard.	1	
Use knowledge patterns for data visualization in Ontodia	As a user I can see the data visualized in Ontodia based on knowledge patterns. Edges in Ontodia corresponds to fields instead of raw RDF properties.	11	Authoring by Knowledge Pattern (KP) labels.
Establish connection between two entities	As a user I can draw an edge between two existing entities to establish a connection between them. Without validation or any constraints.	4	When you connect two entities - one is domain and one is range. This should correspond to valid KP. Additional styling of lines should be investigated
Use Knowledge Pattern for connection between entities	As a user I can select a field that is going to be used for connection between two entities. Offered connections are based on knowledge patterns, taking into account the domain and range constraints, taking rdfs:subClassOf into account.	9	Knowledge Patterns are associated with the context of the subject. Therefore some patterns should apply to sub classes in accordance with the constraints set by the ontology (e.g. CIDOC CRM)
Create new entity (node) using the diagram	As a user I can create a new entity (node) directly on the diagram.	6	

Iteration 2
Iteration completion date: June 30, 2018

Title	Description	Est	Comments
Edit literal values on the diagram	As a user I can use forms to edit or add values to the entity on the diagram, for fields that have literal as a value.	9	

Validation of the user input	Validation of user input using existing knowledge pattern (e.g dataType, cardinality, ask patterns, etc.) and visualization of validation results on the diagram.	12	Authorities (terminology, people, places, etc.) but also data types. A user may need to create an entity that is an authority because it doesn't exist. E.g. I want to create the entity to a person, or a technique, or an object type, or a place etc. not in the current database.
Single record editing	As a user, in a single diagram, I can edit only one entity that logically belongs to one semantic-form.	4	
Multi record editing	As a user, in a single diagram, I can edit multiple entities that logically belongs to more than one semantic form.	6	One diagram corresponds to combination of multiple semantic forms and multiple records

The work should be completed by 30 June 2018

All requirements in these interations are fixed.