Checklist for Evaluation of the Model

For the Coverage and flexibility measure, participant need to fill-up below Table with the calculated value they derive in Method one (M1) process. The Table provided ideal value for each situation.

	Class Coverage	Class Flexibility	Attribute Coverage	Attribute Flexibility
CQ-Model	≈0.8 (Ideal) [0,17]	≈0.2 (Ideal) [0,45]	≈0.8 (Ideal) [0,58]	≈0.5 (Ideal) [0,30]
DS-Model	≈0.8 (Ideal) [0,98]	≈0.2 (Ideal) [0,03]	≈0.8 (Ideal) [0,80]	≈0.5 (Ideal) [0,20]
CQ-DS	≈0.8 (Ideal) [0,12]	≈0.2 (Ideal) [0,47]	≈0.8 (Ideal) [0,29]	≈0.5 (Ideal) [0,42]

Schema Level

- Does the model including cycles in the class hierarchy ? No
- Does the Model uses any polysemous terms for its class or property name? No
- Is Multiple Domain / Range defined for any property ? Yes
- Does any class have more than one direct parent class ? No
- Does the Model include multiple classes which have same meaning ? No
- Is the class Hierarchy over specified? No
- Does the model use ***isA*** as a object Property or relation? No
- Does the model have any leaf class for which there is no relation with the rest of the model? No
- Did you use miscellaneous or others as one of the class name? No
- Does the model have any chain of Inheritance in class hierarchy? Yes
- Do all properties have explicit domain and range declarations? Yes
- Does the model have any classes or properties which are not used? Yes
- Are a collection of elements included as a group in a number of class/attribute ? No

Linguistic Level

- Does all elements of the model (i.e. class and property) have human readable annotations? Yes
- Do all elements of the model follow the same naming convention? Yes

Metadata Level

- Is provenance information (Creator, Version, Date) available for the final protege model? Yes
- Is provenance information available for any property or class which is taken from some reference standard or ontology? Yes