Table 1. GORO's Competency Questions

Id	Question	Description
CQ01	What is a goal in a GORE context?	Goal-Based Requirement *subtype of* Requirement Requirement *subtype of* Goal Goal *propositional content of* Intention or Desire Requirement *propositional content of* Stakeholder Intention or Desire
CQ02	How are goals documented?	Goal-Based Requirement Artifact *describes* Goal-Based Requirement Goal-Based Requirements Specification *subtype of* Requirement Document Goal-Based Requirement Artifact *part of* Goal-Based Requirement Document
CQ03	How are agent's goals stated?	Requirement *propositional content of* Stakeholder Intention or Desire Stakeholder Intention or Desire *inheres in* Requirements Stakeholder Requirement *elicited from* Requirements Stakeholder Goal-Based Requirement *subtype of* Requirement
CQ04	What is an assumption?	Assumption *propositional content of* Stakeholder Belief Stakeholder Belief *inheres in* Requirements Stakeholder
CQ05	How do goals relate to each other?	Complex Goal-Based Requirement Artifact and Atomic Goal-Based Requirement Artifact *subtype of* Goal-Based Requirement Artifact Complex Goal-Based Requirement Artifact *composed of* Goal-Based Requirement Artifact And Complex Goal-Based Requirement Artifact and Or Complex Goal-Based Requirement Artifact *subtype of* Complex Goal-Based Requirement Artifact
CQ06	How can goals be satisfied?	Task *intends to operationalize* Goal-Based Requirement Artifact.
CQ07	What is a task?	Task *subtype of* Action Universal (Plan) Task *intends to operationalize* Goal-Based Requirement Artifact
CQ08	How can a task be decomposed?	Complex Task and Atomic Task *subtype of* Task Complex Tasks *composed of* Task
CQ09	What can prevent fulfillment of a goal?	Obstacle *obstructs* Goal-Based Requirement
CQ10	How can an obstacle be broken into smaller obstacles?	Complex Obstacle and Atomic Obstacle *subtype of* Obstacle Complex Obstacle *composed of* Obstacle And Complex Obstacle and Or Complex Obstacle *subtype of* Complex Obstacle
CQ11	How can an obstacle be addressed?	Mitigation Task and Contingency Task *subtypes of* Task Mitigation Task *mitigates* Obstacle Contingency Task *contingencies* Obstacle
CQ12	How can a goal indirectly influence the satisfaction of another?	Contribution *mediates* Goal-Based Requirement Artifact and Non-functional Goal-Based Requirement Artifact Contribution *has (modes)* intensity and type (intensity and type *inhere in* Contribution)
CQ13	With which other goals does a goal conflict?	Goal-Based Requirement Artifact *conflicts with* Goal-Based Requirement Artifact