CITS3005 Project Marking Sheet.

Name: _____ **Student#:** _____   **Name:** _____ **Student#:** _____

Criteria	Excellent	Good	Satisfactory	Inadequate	Comments	Marks
Knowledge Graph	Clear well thought out schema, with no redundancy supporting the full range of queries and constraints. Valid format, with complete coverage of domain.	Clear schema with no redundancies supporting most of the queries and constraints. Valid format, with near complete coverage of the target dataset.	Mostly clear schema, supporting some of the queries and constraints. Valid RDF format of data with sufficient coverage of target dataset.	Non-functional or inconsistent schema. Data not stored in valid RDF format, or with low coverage of the target dataset.		/5
KG Queries	Well-formatted and correct queries, demonstrating the requested functions, and demonstrating the full expressive capability of the KG.	Well-formatted and correct queries, demonstrating the requested functions, and demonstrating some expressive capability of the KG.	Mostly correct queries demonstrating the requested functions with clear instruction.	Incorrect queries, or unable to execute in the provided KG.		/5
KG Constraints	Well-formatted SHACL constraints with clear logic, enforcing the stated constraints and an insightful demonstration of additional constraints.	Well-formatted SHACL constraints enforcing the stated constraints and some demonstration of additional illustrative constraints.	SHACL constraints enforcing the stated constraints with clear instructs to run the validation	Incorrect SHACL constraints or unable to executed in the provided KG.		/5
Ontology	Well chosen classes and properties with clear logic, reflecting the true nature of the domain. Accurate constraints and axioms, showing careful consideration of the application.	Well chosen classes and properties reflecting the general nature of the domain. Accurate constraints and axioms, with consideration of the application.	Sufficient classes and properties reflecting the general nature of the domain. Some constraints and axioms capturing the application domain.	Lacks critical classes, properties or axioms required to adequately model the application domain.		/5
Reasoning	Considered use of RDFS,OWL and SWRL to appropriately capture the domain constraints, and demonstrated non-trivial reasoning capability.	Considered use of RDFS,OWL and SWRL to appropriately capture the domain constraints, and demonstrated reasoning capability.	Use of RDFS,OWL and/or SWRL to adequately capture the domain constraints, and some demonstration of reasoning.	Unable to demonstrate any non-trivial reasoning.		/5
User Manual	Comprehensive overview of schema, constraints, axioms and queries. Complete instructions sufficient for running and building queries.	Overview of schema, constraints, axioms and queries. Sufficient instructions for running and building queries.	Overview of schema, constraints, axioms and queries. Some instructions for running and building queries.	Incomplete or incomprehensible schema description, missing explanations, or lacking alignment to submitted code.		/10
Report	Clear persuasive rationale for design choices, insightful description of tools, processes, and resources used.	Clear rationale for design choices, good description of tools, processes, and resources used.	Some rationale for design choices, some description of tools, processes, and resources used.	Lacking rationale and/or inadequate description of processes used.		/5
Overall						/40