Australian National University

INDEPENDENT STUDY CONTRACT

Note: Enrolment is subject to approval by the Honours/projects co-ordinator

SECTION A (Students and Supervisors)

UniID: u6044453

FAMILY NAME: Gatti PERSONAL NAME(S): Tommy

PROJECT SUPERVISOR (*may be external*): Dr Terhi Nurmikko-Fuller

COURSE SUPERVISOR (*a RSCS academic*): Dr Ben Swift

COURSE CODE, TITLE AND UNIT: COMP4560 Advanced Computing Project 12 units

SEMESTER ☒ S2 YEAR: _2020_ ☒ S1 YEAR: _2021_

PROJECT TITLE:

SPARQL GUI for Users Outside the Linked Data Domain

LEARNING OBJECTIVES:

Application of knowledge of Linked Data and implementation skills in UI development in the context of a Linked Data project focusing on a historical dataset.

Deepened knowledge of advanced computing principles from Semantic Web technologies, Linked Data, SPARQL, RDF, and HCI.

Project management and communication skills (orally and in writing) accessible to different audiences within and outside the Digital Humanities and Computer Science.

PROJECT DESCRIPTION:

This project will evaluate and critically examine the current state of non-SPARQL endpoints for Linked Data projects.
Linked Data is becoming increasingly adopted for projects containing data from the Humanities and the GLAM (galleries, libraries, archives and museums) sector, which have rich, complex and interconnected data, which is often quite messy.
The users of these projects often have very limited technical skills, and cannot reasonably be expected to learn how to write SPARQL queries.
The solution is to provide a GUI which facilitates the construction of a SPARQL query whilst hiding the technical details from the user.
This project's dataset focuses on the lists of fancy-dress costumes worn by the guests to the Lord Mayor's Ball in Sydney in 1857 and 1859.

ASSESSMENT (as per course's project rules web page, with the differences noted below):

☐ Honours (24 credit)	(fixed)	☒ Projects (6-12 credit)	12 / (fixed)
Assessed project components:	**% of mark**	**Assessed project components:**	**% of mark**
Thesis	(85%)	**Thesis** (reviewer mark)	45 45-60%
Presentation	(10%)	**Artefact** (supervisor project mark)	45 30-45%
Critical Feedback	(5%)	**Presentation**	(10%)

MEETING DATES (IF KNOWN):
Weekly

STUDENT DECLARATION: I agree to fulfil the above defined contract:

Tommy Gatti _____ 29/07/2020.....
Signature Date

SECTION B (Supervisor):

I am willing to supervise and support this project. I have checked the student's academic record and believe this student can complete the project.

_____ 2/08/2020.....
Signature Date

Reviewer:

Name: Bernardo Nunes Signature: .....

Reviewer 2: (for Honours only)

Name: _____ Signature: .....

REQUIRED DEPARTMENT RESOURCES:
N/A

SECTION C (Honours / Projects coordinator approval)

…….. ……
Signature Date