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# INDEPENDENT STUDY CONTRACT PROJECTS

*Note: Enrolment is subject to approval by the course convenor*

## SECTION A (Students and Supervisors)

UniID:	u5771656		
SURNAME:	Lu	FIRST NAMES:	Yaya Chenyue
PROJECT SUPERVISOR (may be external):	Dr. Greta Hawes		
FORMAL SUPERVISOR (if different, must be an RSSCS academic):	Dr. Ben Swift		
COURSE CODE, TITLE AND UNITS:	COMP4540 Software Engineering Research Project		

COMMENCING SEMESTER  S1  S2 YEAR: 2019 Two-semester project (12u courses only):

### PROJECT TITLE:

Analysis and Visualisation of Familial Relationships in Greek Mythology

### LEARNING OBJECTIVES:

- Continue to work with Greta Hawes in building the MANTO ontology and database.
- Analyse and identify familial relationships in the unconventional landscape of Greek Mythology.
- Develop interactive tools to visualise the data.

### PROJECT DESCRIPTION:

Greek Mythology contains numerous idiosyncratic familial relationships that pose unusual challenges for systematic analysis and visualisation. This project examines these idiosyncrasies by using a subset of the Greek Mythology data collected according to the MANTO ontology developed by Dr. Greta Hawes. This includes the design and development of a user-friendly web-based tool that visualises and explores these complex relationships in the context of Digital Humanities. In the process it hopes to generate new avenues of research for data wrangling of complex linked data structures, and raise awareness for unconventional cross-cultural representations of "family" and "relationships".



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

Assessed project components:	% of mark	Due date	Evaluated by:
Report: style: (e.g. research report, software description...,)	(min 45, def 60)		(examiner )
Artefact: kind: (e.g. software, user interface, robot...,)	(max 45, def 30)		(supervisor)
Presentation :	(10)		(course convenor)

**MEETING DATES (IF KNOWN):**

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

.....  
Signature

.....  
12/07/2019  
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. I nominate the following reviewers and have obtained their consent to review the completed thesis (through signature or attached email)

.....  
Signature

.....  
11.7.19  
Date

.....  
11.7.19  
Signature

BEN SWIFT

**Reviewer 1:**

Name: .....  
Signature

.....

**Reviewer 2:**

Name: .....  
Signature

.....

\*Nominated reviewers may be subject to change on request by the supervisor.

**REQUIRED DEPARTMENT RESOURCES:**

**SECTION C (Course convenor approval)**

.....  
Signature

.....  
Date