HUMAN RESEARCH ETHICS COMMITTEE
Application Form

Created by: **u5771656**
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Protocol type: **Expedited Ethical Review (E1)**
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Date entered: **11/10/2019**
Ethics program type: **Undergraduate**
Requested start date: **20/11/2019**
Requested end date: **20/04/2020**

Protocol title: **Qualitative user research for a digital humanities website.**

Investigators

Name	Role	Department
Hawes, Greta	Supervisor	School of Literature, Languages and Linguistics, CASS Research School of Humanities and the Arts, ANU
Lu, Yaya	Primary investigator	Research School of Computer Science, College of Engineering and Computer Science, ANU
Swift, Benjamin	Supervisor	Research School of Computer Science, College of Engineering and Computer Science, ANU

Investigators Detailed

Name: Hawes, Greta **Role:** Supervisor

Expertise: Dr Greta Hawes (PhD UBristol 2011) is a Senior Lecturer in Classics and Ancient History in the Research School
of Humanities. She has high-level expertise in ancient Greek literature, culture, and myth. She is author of Rationalising myth in antiquity (OUP, 2014), Pausanias in the world of Greek myth (OUP, 2021) and editor of Myths on the Map (OUP, 2017). She co-directs the digital humanities project MANTO.

Name: Lu, Yaya **Role:** Primary investigator

Expertise: The primary researcher on this project, and created the interface that will be used in the user evaluation. Took HCI COMP3900 about user studies and conducted user studies as

UX lead for her techlauncher project in 2017. Did user research for a conference paper she wrote and successfully submitted to the BMEiCON in Thailand, 2013.

Name: Swift, Benjamin **Role:** Supervisor

Expertise: Dr Ben Swift (PhD ANU 2012) is a Senior Lecturer in the Research School of Computer Science. He has extensive experience with ethics protocols in human-computer interaction, especially in multidisciplinary computing & the arts.

External Investigators

Name	Role	Institution

Departments

Primary	Department	Faculty
No	Research School of Computer Science	College of Engineering and Computer Science
Yes	School of Literature, Languages and Linguistics	CASS Research School of Humanities and the Arts

Project Questions Detailed

Description of Project

Describe the research project in terms easily understood by a lay reader, using simple and non-technical language. Developing a website that generates the different family trees in Greek mythology, but also shows the complex relationship types that some of the families have.

Location of Data Collection

Australia Yes

Overseas No

Provide country / area where data collection will be conducted ACT, 2601

Aims of the Project

List the hypothesis and objectives of your research project. To generate an intuitive website that is useful for research. Whether it be scholars or researchers in Greek mythology needing easy access to greek mythology data, or the interested general population wanting to learn more about Greek mythology. The overall aim is to address the lack of adaptable genealogy algorithms out there, and also emphasize the uniqueness of these relationships to reduce modern-day stigma of unorthodox relationships.

Methodology

In language appropriate for a lay reader, explain why the methodological approach minimises the risk to participants. (For surveys, include justification of the sample size). The online survey is expected to have at least 20 participants. The link to the online survey will be advertised in ANU Facebook groups, with no financial incentives and no obligation to participate (i.e. click on the survey link) unless the participant wishes to. 20 participants is an approximation of the number of people regularly active on those facebook pages and have the time to attempt the survey, but this is very difficult to calculate as there is no demographic information available on those facebook pages for privacy reasons. As the survey is conducted online, the primary investigator will not be physically with the participant while they are taking the survey, so it is unlikely they will influence the results of the survey.

Interviews will be conducted with ~3 scholars. At least one will be conducted in-person and on-campus, and at least one will be conducted through video-conferencing. As scholars are harder to come by and are also one of the primary user groups, an interview format will be used since it allows more back-and-forth discussion about the questions asked in the post-exploration interview.

Provide the survey method, a list of the questions to be asked or an indicative sample of questions. These should give a good sense of the most intrusive/sensitive areas of questioning. An online survey will be provided for participants in the secondary participant category.

Participant will be tasked with navigating the website, and will be asked in the online survey to locate certain objects in the website and answer questions like "What is the relationships between entity X and entity Y by looking at the graph?" to determine the intuitiveness of the interface.

Upon completion, the participant will be asked a series of post-exploration questions in the survey itself. These questions will be open-ended, and participants can answer the questions to any level of depth (they also have the option to opt-out of each of the questions). The post-exploration questions are the following:

1. What did you discover or learn, if anything?
2. Did you have any expectations before exploring the website, and did the website meet your expectations? Why / why not?
3. Was there anything that you experienced when exploring the website that was unexpected?
4. Did this change or enhance your understanding of Greek myths? If so, how?
5. Was your opinion of unorthodox relationships affected in any way? If so, how?

6. Would you use this website? If so, what for? If not, why not?
7. Would you consider this website to be a good resource for people wanting to understand Greek mythology? Why / why not?
8. Is there anything you would have liked to see more of?

What mechanisms do the researchers intend to implement to monitor the conduct and progress of the research project? For example:
How often will the researcher be in touch with the supervisor?
Is data collection going as expected? If not, what will the researcher do?
Is the recruitment process effective?
How will the researcher monitor participants willingness to continue participation in the research project, particularly when the research is ongoing? Supervisor and primary investigator will meet up once a fortnight to discuss the project. Recruitment will depend on the number of wiling, active members on the Facebook pages the link will be sent to. This participation is completely voluntary so the numbers are only approximations.
Scholar participants will be recruited personally through the secondary examiner (Dr. Greta Hawes) who will reach out to her Greek mythology colleagues about participation in the interview. Participation is completely voluntary, and the consent form will be given to the participants to ensure that.
If data collection does not go as expected, the useful data obtained up until that point will be considered for the final report, but only the data that was collected with consent from the participants (through use of the consent form).

Participants

Provide details in relation to the potential participant pool, including:

target participant group;
identification of potential participants;
initial contact method, and
recruitment method. Target participant group - scholars of Greek mythology
Second target participant group - General public who is interested in Greek mythology
Identification of potential participants: Dr. Greta Hawes will find willing Greek mythology scholars to participate in the survey. General public will be contacted through existing ANU facebook groups such as the ANU Classics Society as there is a higher likelihood of genuine interested parties willing to participate in the survey.
Initial contact method: Posting a link on the ANUCS page that is open for anyone to click on, and participation is voluntary with no financial incentives.

Proposed number of participants 0

Provide details as to why these participants have been chosen? Greek scholars are the primary user group as they are more likely to use the platform on a regular basis, for research. The second target participant group - general public interested in greek mythology - are because this interface is designed as an educational tool. By targetting the general public but reducing the scope to ANU classics students on social media, it means there's a higher proportion of relevant respnses and interested participants.

Cultural and Social Considerations/Sensitivities

What cultural and/or social considerations/sensitivities are relevant to the participants in this research project? The research carries little risk, however it does discuss unorthodox relationship types such as incest and autocthony and this may cause some distress or discomfort. If the participant feels uncomfortable, they can withdraw from the study at any time without negative consequences.

Incentives

Will participants be paid or any incentives offered? If so, provide justification and details. No

Benefits

What are the anticipated benefits of the research? For participants, they will assist in the development of an interface containing extensive Greek Mythology resources, that aims to assist them and other scholars and research students with easy access to Greek Mythology data. The primary investigator also hopes that this project improves the perception of complex relationships, whether in Greek Mythology, in other cultures, in modern society, or in data visualisation techniques.

To whom will the benefits flow? To the general public who want to know more about Greek Mythology relationships, and to Greek Mythology scholars who wish to have a central location they can obtain information about geneological connections in Greek mythology for research purposes.

Informed Consent

Indicate how informed consent will be obtained from participants. At least one of the following boxes MUST be ticked 'Yes'.

In writing Yes

Return of survey or questionnaire Yes

Orally Yes

Other No

If Oral Consent or Other, provide details. Oral consent will be done through video conferencing. The researcher will read out the questions from the template consent form to the participant and ask them if they consent to partake in the experiment. They will be asked if there is consent to have their interview recorded as well and if so, they will be asked to repeat in the recording that they consented to have their interview recorded.

Confidentiality

Describe the procedures that will be adopted to ensure confidentiality during the collection phase and in the publication of results. In the oral inerviews, the participant's level of identification will also be based on their responses on the consent form (whether verbal consent or signed on paper). In the online survey, level of identification will be dependent on the

amount of identification the participant provides, for example participants are allowed to provide a pseudonym or have no attribution at all, and can choose not to provide their university ID if they wish. Full confidentiality, however, may not be guaranteed (i.e. student and scholar status may be referenced) so the participants are asked to avoid providing any sensitive or defamatory information.

Data Storage Procedures

Provide an overview of the data storage procedures for the research. Include security measures and duration of storage. Where: Upon interview completion, the data will be uploaded and securely stored on the ANU server, in particular the ANU OneDrive. All files will be password-protected and encrypted.

How long: All research data will be retained and securely stored for at least five years following publications arising from the research.

Handling of Data following the required storage period: Upon expiration of the storage period, the data will be de-identified and archived, to allow use in future iterations of this interface.

Feedback

Provide details of how the results of the research will be reported / disseminated, including the appropriate provision of results to participants. If appropriate, provide details of any planned debriefing of participants. The tangible/physical results of the research will be shown in the future iterations of the prototype. For example, if a majority of participants notice an inconsistency in a navigation method, then that inconsistency will be fixed in the successive prototypes. The link to this website given in the interview/online survey will be remain live and participants will be able to see how their feedback has been taken into consideration in future designs of the website.

Supporting Documentation

Have you uploaded all relevant supporting documentation, such as Participant Information Sheet and/or consent form, to the documents tab?
Yes

Has this work been approved by another Human Research Ethics Committee (HREC)? No

If yes, please give the name of the approving HREC. You will also need to include a copy of the approval letter in your application and also upload an electronic copy to the Documents tab.

Funding

Is this research supported by external funding? No

Provide the name/s of the external sources of funding. Please include grant number/s if available.

Is the research conducted under the terms of a contract of consultancy agreement between the ANU and the funding source? No

Describe all the contractual rights of the funding source that relate to the ethical consideration of the research.

High Risk One Summary

Question	Answer
Is this a clinical trial?	No
Does this research involve the intentional recruitment or issues involving Aboriginal and / or Torres Strait Islander Peoples?	No

High Risk Two Summary

Question	Answer
Does this research involve Human Genetics?	No
Does this research involve Human Stem Cells?	No
Does this research involve Women who are pregnant and the Human Foetus?	No
Does the research involve people highly dependent on medical care who may be unable to give consent?	No
Does the research involve people with a cognitive impairment, an intellectual disability or a mental illness?	No
Does this research involve an intention to study or expose or is likely to discover illegal activity?	No
Does this research involve human gametes (eggs or sperm)?	No
Does this research involve excess ART embryos?	No

Expedited Questions Summary

Question	Answer
Third Party Identification	No
Children or Young People	No
Dependent or Unequal Relationship	No
Membership of a Group, or Related Issues	No
Physical Harm	No
Psychological Harm (includes Devaluation of Personal Worth)	No
Social Harm	No
Economic Harm	No
Legal Harm	No
Covert Observation	No
Deception	No
Sensitive Personal Information	No

Question	Answer
Overseas Research	No
Secondary Data	No
Collection, use or disclosure of personal information WITHOUT the consent of the participant	No

Clinical Trials

Criteria for Inclusion Anyone interested in Greek mythology

Criteria for Exclusion None

Has a risk assessment been undertaken by the proposer? No

If yes, give details of the assessment process NA

Give details of sponsor's insurance NA

Could this work cause damage to the university's reputation No

If yes, please give details NA

Does your Clinical Trial involve a drug or device? No

The trial must be registered with the Australian New Zealand Clinical Trials Registry, has this been done? No

If yes, state the name of the Registry NA

If yes, state the Registration number NA

If no, state the reasons why trial registration has not been undertaken Low-risk project, a brief runthrough has already been conducted with one of the supervisors (Dr. Greta Hawes) and the intended survey participants (ANU students) will be enrolling in CLAS1003 in Semester 1 2020.

If your clinical trial involves a DRUG OR DEVICE, you will need to provide a copy of your protocol (with attachments) to the Insurance Office. Please contact the Insurance Office on extension 58734 or insurance.office@anu.edu.au for further information. No

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Supporting Documentation

Please ensure electronic copies of the supporting documentation have been uploaded into the documents tab of your protocol

These may include (please circle the relevant answer):

List of indicative questions	**Y/N**
Copy of questionnaire / survey	**Y/N**
Invitation or introductory letter/s	**Y/N**
Publicity material (posters etc.)	**Y/N**
Information sheet	**Y/N**
Consent form	**Y/N**
External approval documentation	**Y/N**
Research visa (if applicable)	**Y/N**
Other (specify below)	**Y/N**

For other, please specify:

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SIGNATURES AND UNDERTAKINGS

PROPOSER OF THE RESEARCH

I certify that all the persons listed in this protocol have been fully briefed on appropriate procedures and in particular that they have read and are familiar with the national guidelines issued by the National Health and Medical Research Council (the National Statement on Ethical Conduct in Human Research 2007).

I certify that the above is as accurate a description of my research proposal as possible and that the research will be conducted in accordance with the National Statement on Ethical Conduct in Human Research 2007. I also agree to adhere to the conditions of approval stipulated by the ANU Human Research Ethics Committee (HREC) and will cooperate with HREC monitoring requirements. I agree to notify the Committee in writing immediately of any significant departures from this protocol and will not continue the research if ethical approval is withdrawn and will comply with any special conditions required by the HREC.

Signed:..... **Date:.....**

ANU SUPERVISOR

I certify that I shall provide appropriate supervision to the student to ensure that the project is undertaken in accordance with the undertakings above:

Signed:..... Date:.....

AS FROM MONDAY 21ST OCTOBER 2013 THE SIGNATURE OF THE HEAD OF ANU DEPARTMENT/GROUP/CENTRE IS NO LONGER REQUIRED.