IDEA Lab Research Project Proposal Guide
December 2022

Upload a Project Description, as detailed below, in no more than 3 pages. Write for an informed but non-specialist audience outside your field of study. In addition to a title, provide the following details organized under these headings:

Background & Context

Briefly outline the background and context of this research project. Describe why this research project is timely. Also describe if this is new research, builds on existing research of yours, or is a part of a wider research project.

Aims & Research Question(s)

Articulate the aims of the research project and define the specific research question(s) to be investigated. How will this research project address a significant problem? Explain how you think a digital-first research approach (e.g., use of cloud-based tools) can be used to advance your research program through this research project. Describe what you hope digital tools will enable you to accomplish, with respect to your research aims and research question(s).

Research Activties & Timeline

Summarize the project timeline and explain how the requested budget will be sufficient to ensure project success. What particular research activities you will undertake? What are your milestones and how are they linked to you desired research outcomes? Briefly outline knowledge mobilization plans for communicating the research results to other researchers and the broader community. (If known, highlight potential digital tools or resources that will enable this research project to succeed—whether through Amazon Web Services (AWS) or other resources to be used in a cloud environment as part of this research project.)

Nature & Scope of Data

State the scope of the existing data for this research project, and describe the data (e.g., size, type, current location, etc.). Indicate whether this research project will use open data sets (e.g. the AWS Registry of Open Data), involve data collection, or will result in data to be published as an open data set. Outline plans for the management of data, including but not limited to storage, access, and re-use arrangements.

Team Members, Expertise, & Digital Literacy

Identify all team members and summarize their research expertise and digital literacy levels (i.e., experience and readiness to engage with technology enabled research, e.g., via AWS). Summarize how each team member will contribute to this research project.

References

Optionally, you may include a list of all references.