Major Activities and Timeline

Major Activities

- Creation and validation of user stories
- Creation of an architectural overview (diagram) of systems interaction
- Evaluation of OCFL as a versioning mechanism (or adoption of alternative versioning scheme)
- Creation of detailed technical specifications for Hyrax, Fedora, and/or DuraCloud Bridge application development (dependent on which software is recommended for use in the architectural overview). This includes an outline for a general DDP profile as well as one specific to Chronopolis.
- Creation of detailed technical specifications for Chronopolis software development
- Creation of a basic user interface (in the form of wireframes and/or visual mockups)

Timeline

Grant duration: February 1, 2019 through January 31, 2020

January 2019 (prior to official grant start)

- Conference call scheduling (Project Manager)
- Architecture meeting scheduling (Project Manager)

February 2019:

- Project kick-off conference call (All team members, led by Project Manager)
- Architecture meeting agenda setting (Project Manager)

March - May 2019

- Architecture meeting (first in-person meeting at UCSD) (All team members, led by Project Manager)
- Creation and validation of user stories. Project team members will brainstorm potential stories, and review them with community stakeholders, led by the Community Manager. The Community Manager and Emory University Representative will also share the outcomes of the discussion with appropriate communities outside the project, for feedback.
- Review and discussion of architectures and systems interaction, led by the Specification Leads. This review and discussion will explore known issues and challenges and begin discussion of possible recommendations. The Community Manager and Emory University Representative will also share the outcomes of the discussions with appropriate communities outside the project, for feedback.
- Evaluation of OCFL as a versioning mechanism, led by the Specification Leads. This evaluation will focus on how OCFL might allow for the propagation of user/system-requested changes between Hyrax and Chronopolis.

June - August 2019

- Draft detailed technical specifications for Hyrax, Fedora, and/or DuraCloud Bridge application development (dependent on which software is recommended for use in the architectural overview). These specifications would include an outline for a general DDP profile as well as one specific to Chronopolis. This would be led by the Specification Leads. The Community Manager and Emory University Representative will also share the draft(s) with appropriate communities outside the project.
- Draft detailed technical specifications for Chronopolis development, led by the Chronopolis Specification Lead.
- Draft basic user interface (in the form of wireframes and/or visual mockups), led by the User Interface Designer. The Community Manager and Emory University Representative will also share the draft(s) with appropriate communities outside the project.

September - December 2019

- Specification Meeting (second meeting at UCSD). This meeting will be led by the Project Manager and involve all team members. The outcome of the meeting will be a set of recommendations and specifications based on the grant work to this point.
- Committee review of all drafted materials, led by Program Manager with input from the Principal Investigator.
- Finalize all drafted specifications and user interface recommendations, led by the Project Manager.

January 2020

- Prepare and submit all final reporting requirements to the Mellon Foundation, led by the Project Manager and Principal Investigator.