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CSCI 401
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Scientific Experiment Browser: Deliverables Proposal

January 30

- Set up GitHub repository to and give Yolanda and Daniel access
  - Create folder for weekly written updates to our supervisors
- Research:
  - Read background articles about workflows to understand terminology and project goals
  - Explore existing website to better understand current functionality and issues with user experience
  - Research different Javascript frameworks and select one that would best facilitate end goals
- Create list of main functionalities to implement
  - Select/research which Javascript libraries can be used to implement these functionalities
- Create mockups of what main functionalities of website should look like

February 13

- Setup development workflow given chosen framework and begin to model UX for each page
- Start implementing search functionality and exploring how to make interactive graphs
  - Research data visualization libraries (possibly D3JS)

February 27

- Frozen webpage with data locally loaded
  - General UI/UX layout completed and developed
  - Data can be hard-coded to show general functionality

March 13

- Test online with one repository/database of workflows
  - Dynamically populated data

March 27

- Test with multiple repositories plus user testing and feedback
  - Ask potential end-users for thoughts on UX and suggestions for improvement (using a survey format)

April 10

- Complete documentation, complete code, and final presentation for the project.