Mini-milestones

Incremental Deliverable 2

ID3 Mini-Milestones

Completion Goal	Binary Mini-milestones

Source Code and Implementation	- Implementation of the 3 remaining draw functions
	- Filter and predicate classes implemented and integrated
	- Upload CSV functionality fully finished
	- Better panning support
	  - Scroll bar
	  - Left and right arrows
	- Improvement of the zoom feature
	  - Support for buttons

Continuous Improvement	- The team discuss what exactly could be done better going forward, and how we will implement these changes in the next ID - A plan of action is developed to make sure that any oversights in ID2 are not repeated
Continuous integration	- Any issues with CI are documented and changed, all changes are reflected - Slack notifications - Electron builds explored
Testing	- Unit testing is written, and committed before development of major features begins - Integration testing is developed by the test team - Smoke tests are implemented and automated into the CI - Snapshot testing is incorporated to ensure GUI consistency as well as an added smoke testing layer - Testing matrix is examined and updated
Risk report/list of risks	- The risk manager has compiled a list of risks - Risk manager has created either mitigation or contingency plans for top 10 risks

Requirements Document	- Any changes to requirements are fully reflected in an updated requirements document - The updated requirements are sent to stakeholder and verified that they are correct (*this step is contingent upon requirements changing*)
Reviews	- Formal review item is picked - Formal review date is set - Formal review takes place - Issue document produced after review - All issues are cleared
Stakeholder meetings	- Regular 'weekly build' meetings take place and are documented on git
Plan to achieve next milestone	- Mini-milestones written up, reviewed and edited - Reviewed by two people including the PM - Committed to github
Activity Log	- Time estimates are produced for the different categories - Each individual has entered their estimated and real time commitments for each section of the project on the google sheet

ID2 Presentation

Goal	Binary Mini-milestone
Create Presentation	- Complete the slide show, including styling, text and all talking points written up - Have two people (not presenting) review slide show for missing/incorrect information and ambiguities
Give Presentation	- Have 1-2 practice sessions of the presentation - Have one practice session with at least one other team mate observing and asking questions

Plans To Achieve Mini Milestones

Continuous Improvement

-Talk about what went right, what went wrong and thoughts on how we should approach problems differently to handle them better in the future.
-This should be a *process* oriented improvement. Not how we can individually do better, but how can we make the process better itself?
Involved: everyone, date: Oct.22.2019

Updated Planning

-This encompasses any planning changes made during ID3. It includes, but is not limited to: updating and maintaining requirements documents, updating and maintaining design documents, updating any testing plans or strategies
Involved: Anyone, date: Throughout ID3
-Document should be reviewed by 1 person and the PM than committed.
Involved: 1 person and the PM, date: Throughout ID3

Design Analysis

-Design Analysis is no longer logged as its own separate category from this ID moving forward. It will instead fall under the more general category of “updated planning”

Updated Risk Analysis

- Risk manager recompiles the current list of risks, getting rid of risks that are no longer on the horizon, and adding ones that may have sprung up.
Involved: Risk manager, date: In the beginning(week of Oct.22)
- For any risks which are holdovers from the recent ID, reexamination of the contingency planning and mitigation might be in order.
-This document has been reviewed by at least two people including the PM and committed both times when submitted.
Involved: Project manager and 2 people, date: (week of Oct.22)

Testing

-Testing matrix is updated to reflect any new tests added
Involved: test team, date: week of Oct.22
-Testing matrix is examined for any missing test cases, or superfluous test cases
Involved: test team, date: week of Oct.22
-Testing reports are written and examined at the beginning of ID2. This should give the team a good sense of where existing bugs are and where we need to probe further. This ideally includes a report with respect to code coverage as well.
Involved: Test Team, date: week of Oct.22
-Tests designed and implemented for ID3
Involved: test team, date: week of Oct.22
-Implement unit tests,integration tests, smoke tests and requirement tests
Involved test team and dev team, date: week of oct 22

Testing Report and Analysis

-Testing report and analysis is now included in the more general “testing” category.

Latest measurements of software quality

-We will formalize the process of code reviews and do them throughout the term.
Involved: everyone, date: Throughout ID2
-Everyone entering their estimated and actual time taken on the google spreadsheet.
Involved: everyone, date: Throughout ID2

Code Completion

-**CURRENTLY CONTINGENT UPON WHAT IS ACCOMPLISHED DURING ID2**

Continuous Integration

- Any issues with CI are reported and addressed. If any specific aspect of CI is massively hampering productivity it is formal reviewed and either accepted as a change to the project or rejected
Involved: everyone, date: Oct.22

The effort required to produce the software for ID2 will amount to:
Continuous Improvement(20 hours)
Updated Planning(50 hours)
Testing(40 hours)
Coding completion(120 hours)
Continuous integration(10 hours)

Total hours: 240 hours