Mini-milestones

Incremental Deliverable 4

ID5 Mini-Milestones

Completion Goal	Binary Mini-milestones
Source Code and Implementation	- Four main drawing functions are fully implemented - Selection features such as panning, zooming, in a 'window' view are implemented
Continuous Improvement	- A mini post-mortem takes place after ID4 and we analyze what went right, and what went wrong - Depending on the outcome, policies are put in place to address these issues
Testing	- Unit tests are written for every piece of code committed to the repo - Smoke tests are updated for any major change - Integration tests are written for the specific features the dev team intends to implement - Manual testing process formalized
Risk report/list of risks	- Old risks are analyzed and categorized as either passed/come-about - Any new risks are categorized and assessed, with some sort of plan to address them
Requirements Document	- Any additional requirements changes by the stakeholder are documented - Requirements document is given a review before the final ID phase, so we know our documentation is correct going into the final phase
Reviews	- Formal review item is picked - Formal review takes place - Reviews happen with old documents to make sure they've been kept up-to-date or 'as-built'

Stakeholder meetings	- At least one stakeholder meeting happens during the ID5 phase
Activity Log	- Timelogs are kept up-to-date and reports are generated
Continuous Integration	- Bus number is increased by an additional person learning the CI pipeline

ID4 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
- The meeting which takes place on November 19th discusses what went right and wrong during ID4
- Inspection of current policy might help understand current roadblocks

Involved: everyone, date: Nov 19th

Updated Planning
- Any changes in requirements are added to the requirements document
- The design document is kept up-to-date as an 'as-built' document, rather than a 'pie-in-the-sky' document
    - A formal review of the design document may be helpful to ensure this

Involved: 1 person and the PM, date: continuously through-out ID5

Updated Risk Analysis
- Every member of the group is queried with respect to their concerns moving forward into ID5 and into finals season
- Every member of the group is upfront with their ability to commit time and energy to this class

Involved: Risk manager, date: Beginning Nov 18th

Testing
- Test team and dev team are in communication about what features will be added for ID5, and tests are developed for any specific planned features
- Testing is kept up to date (especially important before ID6)
- Manual testing workflow is formalized

Involved: test team, date: continuously through-out ID5

Latest measurements of software quality
- Git issues is kept up to date, any bugs found at any point are logged in a general spreadsheet, which is regularly sanitized and then added to Git issues
- Issues sanitized at least once before the end of ID5

Involved: everyone, through-out ID5

The effort required to produce the software for ID4 will amount to:

Continuous Improvement(10 hours)

Updated Planning(10 hours)

Testing(20 hours)

Coding completion(100 hours)

Continuous integration(10 hours)

Total Time ~150 Hours