

Mini-milestones

Incremental Deliverable 3

ID4 Mini-Milestones

| Completion Goal | Binary Mini-milestones |
|--------------------------------|--|
| Source Code and Implementation | <ul style="list-style-type: none">- Support for nominal point data is implemented- Support for nominal interval data is implemented- Change the data representation scheme from a button to a drop down menu- Support for multiple data sets implemented (each drawn in their own style)- Nominal event data changed to overlapped drawing |
| Continuous Improvement | <ul style="list-style-type: none">- Team reflection on ID3 takes place- Any concerns are addressed with either new policy, formal or informal |
| Testing | <ul style="list-style-type: none">- Unit tests written for every piece of code written- Integration tests are planned together with development team to ensure that integration tests are written for items which are being developed- Testing matrix examined and updated |
| Risk report/list of risks | <ul style="list-style-type: none">- Risk list compiled by risk officer- Old risks explored (have they happened? Have they been mitigated?)- New risks added |
| Requirements Document | <ul style="list-style-type: none">- Changed to reflect any new requirements by the stakeholder- This will include information about Electron for ID3 |
| Reviews | <ul style="list-style-type: none">- Formal inspection item picked- Item produced, inspected, and then reviewed by inspection to ensure any flaws have been fixed |

| | |
|--------------------------------|---|
| Stakeholder meetings | <ul style="list-style-type: none"> - Meet with the stakeholder and discuss current build - Get any feedback about the current state of the build - Update requirements documents accordingly |
| Plan to achieve next milestone | <ul style="list-style-type: none"> - Mini-milestones written up, reviewed and edited - Reviewed by two people including the PM - Committed to github |
| Activity Log | <ul style="list-style-type: none"> - 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 |

ID3 Presentation

| Goal | Binary Mini-milestone |
|---------------------|--|
| Create Presentation | <ul style="list-style-type: none"> - 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 | <ul style="list-style-type: none"> - 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, and what went wrong with ID3. Determine how we can move forward to improve things.
- Determine if policy is the best way to improve process within the group, and if a policy is deemed important/helpful, add it to group policy
- Team members held accountable for adhering to policy

Involved: everyone, date: Nov 5.2019

Updated Planning

- Any planning changes made during ID3 are reflected in any documentation.
- Trello is updated, and a Gantt chart is possibly made
- Bi-Daily team check-ins continue on slack
- Team members keep other team members informed not only of what they're working on, but how their progress is coming along

Involved: 1 person and the PM, date: Throughout ID4

Updated Risk Analysis

- Risk manager looks at the old risks from previous IDs and determines if new ones are coming up
- Risk manager looks forward for new risks
- A report of both old, and potential new risks is compiled and examined by the team

Involved: Risk manager, date: beginning week of Nov 3rd

Testing

- Testing is done for every piece of code that is added to the repo
- Manual testing begins, and a manual testing process is developed for both internal and external (hallway testing) use
- Code freeze takes place at least 5 days before deadline

Involved: test team, date: week of Nov 3rd

Latest measurements of software quality

- Code reviews happen for every PR
- PR's become smaller and more regular

Involved: everyone, beginning the week of Nov 3rd

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

Continuous Improvement(20 hours)

Updated Planning(20 hours)

Testing(60 hours)

Coding completion(120 hours)

Continuous integration(10 hours)

Total Time ~230 Hours