Nimbus Navigators

<u>Process Metrics</u>

- Burndown chart: Represent work done and predict velocity for future work
    - On Track: Every story is complete for the current sprint
    - Risk: 1-2 stories missed during the sprint
    - Issue: 3 or more stories missed during the sprint or anticipated failure to reach overall burndown goal

<u>Product Metrics</u>

- Documentation Completeness: 100% function coverage with leading java docs style comments (explains functionality, parameters, and return types).
    - On Track: All functions are documented before related PR is merged.
    - Risk: 15% or more of completed functions are missing documentation
    - Issue: 25% or more of completed functions are missing documentation
- Code coverage: Code is currently not under test at all, so code coverage can be used to measure progress of testing the codebase.
    - On Track: Code coverage matches code implemented as existing code coverage is 0 as per sponsor. 80% coverage of new code or greater
    - Risk: 70% coverage of new code
    - Issue: 50% coverage of new code
- Response time: Used to make sure the quality of code does not affect the response time of the application
    - On Track: All responses are between .1 and 1 second
    - At Risk: Some responses are between 2 and 5 seconds
    - Issue: Some responses take more than 5 seconds