

Task Documentation for Sprint 3

Reliability Analysis and Visualization for WARP

Objective: Analyze and visualize the end-to-end reliability of message transmissions within the WARP system

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Developers: Nancy Nahra, Tommy Looi, William Lucas

Project Plan and Outline for Sprint 3

Things to Remember:

- In Visualization you will use the toDisplay() and toFile() methods, tests should be done simultaneously to finishing each method, documentation shall include the ReadMe and JavaDoc comments.

Tasks to Do:

- Need to implement Reliability Analysis including methods:
 - o getReliabilities()
 - o buildReliabilityTable()
 - o findSrc()
 - o findSnk()
 - o findNewSnkNodeState(Double currentSnkNode, Double currentSrcNode, Double M)
 - o
- also finish the reliabilityAnalysis(Program) constructor
- Final update the UML diagrams (Sequence and Class)
- JavaDoc comments
- Junit Tests for ReliabilityAnalysis

Tasks Assigned for Next Sprint:

- Msgauna
 - Finish ReliabilityAnalysis(program) constructor
 - Implement buildReliabilityTable(), findNewSnkNodeState(),
 - JavaDoc comments for methods
- Wplucas
 - Implement getReliabilities(), findSnk(),findSrc()
 - JavaDoc comments for methods
- Nnahra
 - Create JUnit tests for ReliabilityAnalysis
 - JavaDoc comments for tests
- Tomlooi
 - Help with JUnit tests, update UML Class and Sequence diagrams
 - Generate JavaDoc files
 - Finish ReadMe