

Team G1

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UC-1 Manual Simulation

Version - 1.0

Summary - Manual introduction of nodes to the system and manual simulation.

Actors - User, Viewport, Node Manager, Simulator, Routing, Logging

Basic course of events:

1. Select simulation mode.
2. Add node.
3. Edit node position.
4. Edit node parameters.
 - a. Add another node.
 - b. Edit node position.
 - c. Edit node parameters.
5. Queue a message.
 - a. Queue another message.
6. Start simulation.
7. Add node.
8. Edit node position.
9. Edit node parameters.
10. Queue a message.
 - a. Queue another message.
11. Edit node parameters.
12. Stop simulation.
13. Save log to file.

UC-2 Automated Simulation

Version - 1.0

Summary - The automated introduction of nodes and simulation.

Actors - User, Viewport, Node Manager, Simulator, Routing, Logging

Basic course of events:

1. Select simulation mode.
2. Load simulation preset.
3. Start simulation.
4. Stop simulation.
5. Save log to file.

UC-3 Replay

Version - 1.0

Summary - Initialization and execution of a replay.

Actors - User, Viewport, Node Manager, Simulator, Logging

Basic course of events:

1. Select replay mode.
2. Load log file.
3. Press play.
4. Press pause.
5. Press play.
6. Exit replay mode.