

Use Case : Stop Simulation

Id: 2

Level: Medium

Description :

The simulation is stopped. The Boat and the Oil Spill programs stop running. The UI stops updating as input is ceased.

Actor(s): User.

Stakeholders and Interests : User

Pre - conditions :

1. Java installed(Works on JRE).
2. JAR File clicked to launch.
3. Rule selected for Boat Movement.
4. 'Start' or 'Pause' clicked.

Trigger :

'Stop' button is clicked on the UI.

Post Conditions :

1. Grid with Boat and Oil Spill frozen. No movement whatsoever.
2. Statistics frozen.

Main Scenario:

1. If the Boat is moving it'll stop moving completely.
2. Simultaneously the oil spill is stopped.
3. Statistics are reset along with all data to initial conditions.

Alternate Scenario :

1. If 'Pause'. Was clicked the data and statistics are reset to initial conditions.