Petrinet to Reachability Graph, State Space Diagram & Deadlock Detection

Khushboo Agarwal(163050066)
&
Azargal Gankhyuag(163052001)

.

Changes made:

Function Viewpoint:

- Added new functionality for state space diagram

- Added new functionality for deadlock checking

- Added token generator to account for both state space diagram and reachability graph

Informational viewpoint

- Added new data-structure for state space diagram

- Made some small modifications to make diagram understandable

Developement Viewpoint

- Added new functions in domain for deadlock checking

- Added new function in domain for state space generation

New Addition

- flowchart to show sequence flow

- Class diagram to show to show data structures involved

- activity diagram to show activity flow