Chandan Yadav

Save and load functionality

Save the most recently open list of tabs in the file.
And load the most recently saved tabs.
Each of the tab will have separate serialised drawing area (objects) will be stored upon save by the user.
Will read the serialised objects from he recently saved file, iterate them over and repopulate the drawing area accordingly.
Added hash block, structure and icon with a double click option in the middle for it to be renamed.

Srinivasan Sundar

Added tool bar on the top. Behaviour constraints on the tool bar and the drag and drop functionality
was added for function block begin and function block end in each tab.
File and Project J-menus were added.
Compile and translate drop down option were added and corresponding action listeners were also implemented.
Maximise, Minimise, scroll options were also added.

Nachiappan Lakshmanan

Implemented Translate functionality. Which will convert the diagram created on the drawing area to code.
created pop up dialog for the code to be displayed so that instructor and copy the code and paste in graph viz online which will decrypt the code back again.
Implemented depth first search, recursive algorithms for translate feature.
Added error handling functionalities in compile part of the design.
Error logs will now be displayed for each individual tab.
Will also modified the compile functionality such according to the newly introduced hash block.

Ashutosh Dey

Delete the link between two nodes on right click.
Identified the right click as a n input from the user.
Identified the shape the link thats has been clicked using the slope algorithm for line. After finding the line implemented a delete functionality that removes the line from the list of shapes in drawing area.

Reordered the connections between corresponding shapes.
Delete the node on right click was also implemented. Identified the node to be deleted using dot inside square algorithm and reorder those connections as well.

Ashwin Srinivasan

Change the links between two shapes.
This has Been achieved using click, identify the first click on the link of the shape to be changed then click on the shape to be replaced. Then reorder the links accordingly.
Implemented factory pattern for shapes in Jbuttonactionlistener.
Dependency inject using interfaces for shapes objects.
Added few behavioural constraints for the shapes by creating a helper class.