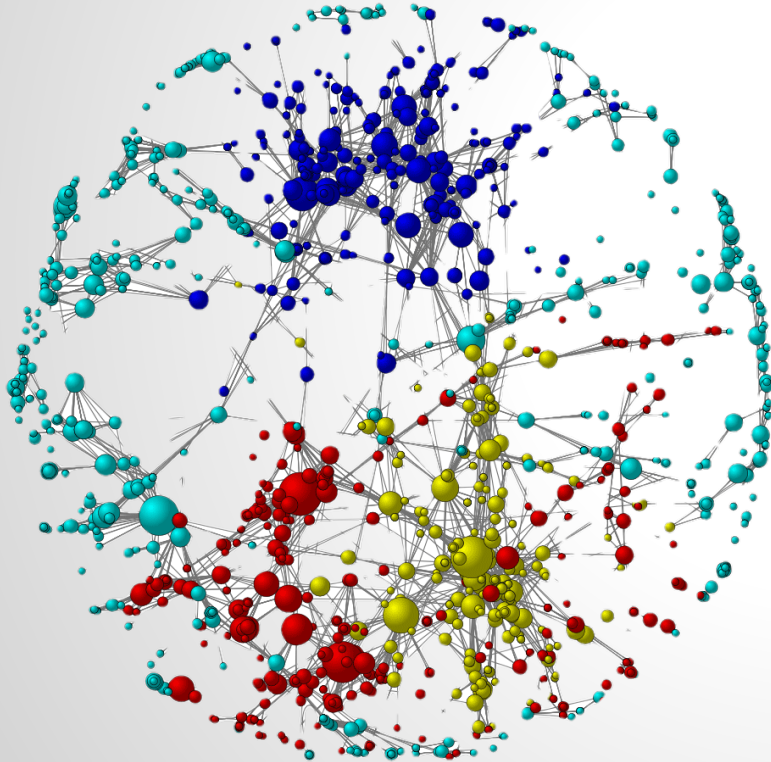


Gephi



Team: Hypergraphs

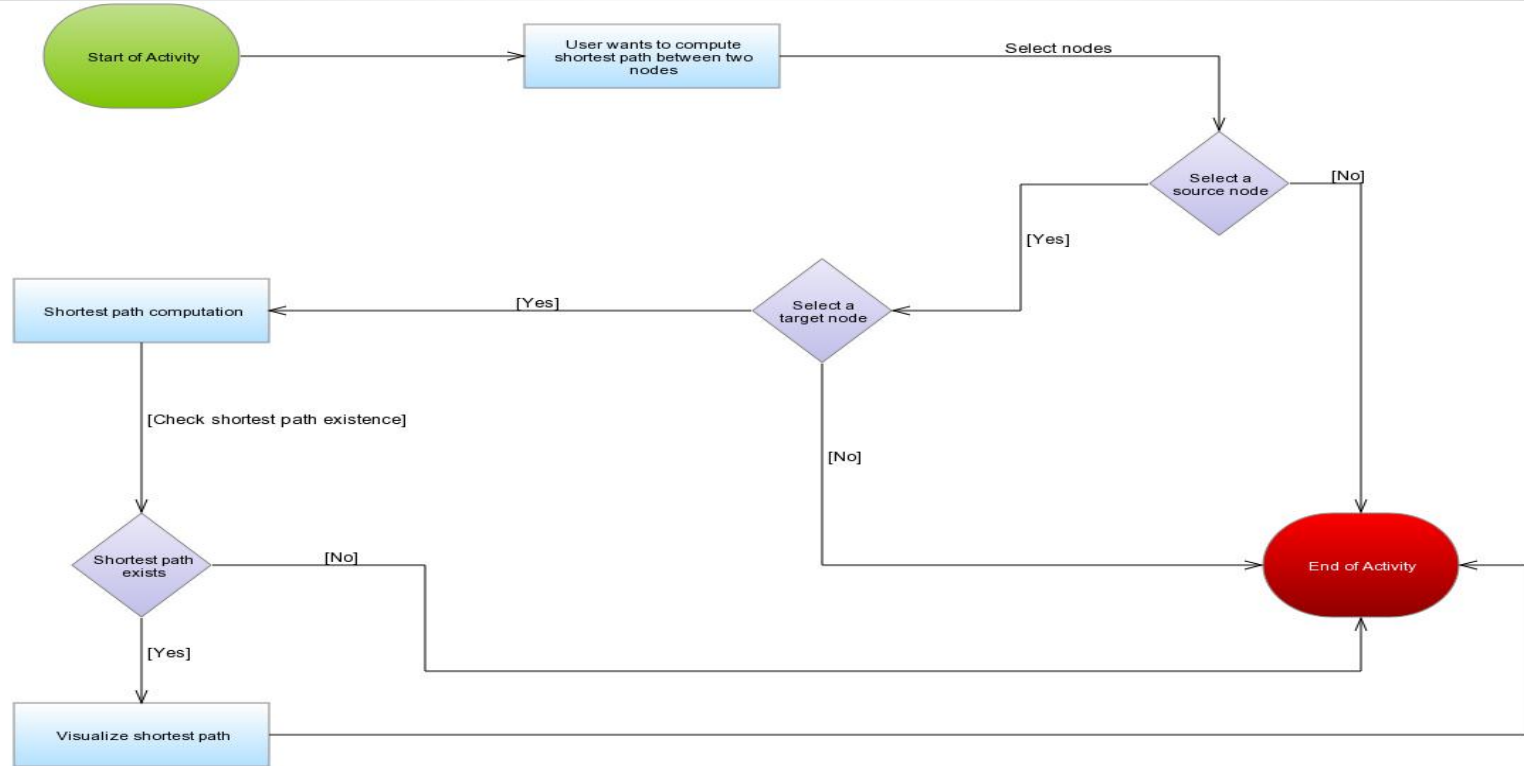
Aggelos Gickas <aggelosGks@gmail.com>

Charalampos Tsiligiannis <htsiligiannis@gmail.com>

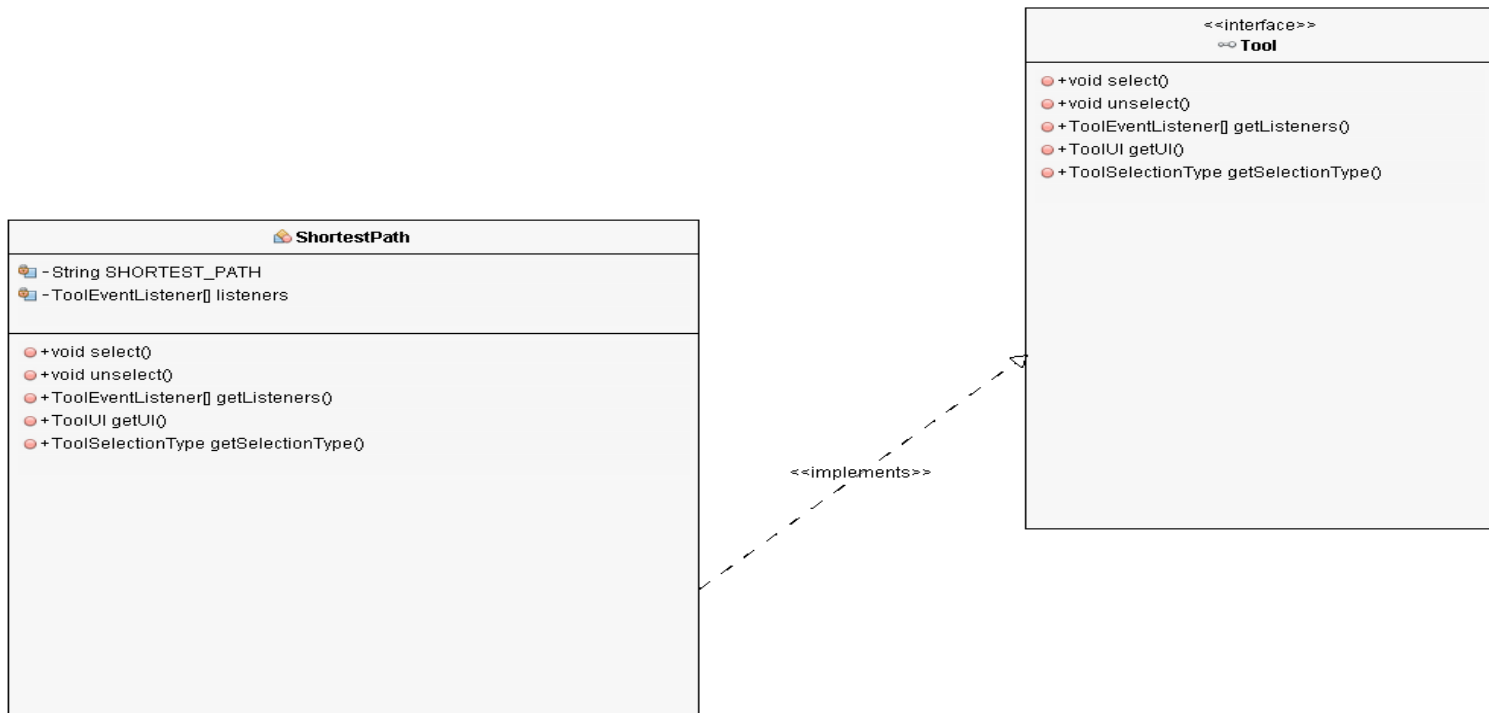
Ways in which we aim to contribute

Shortest Path

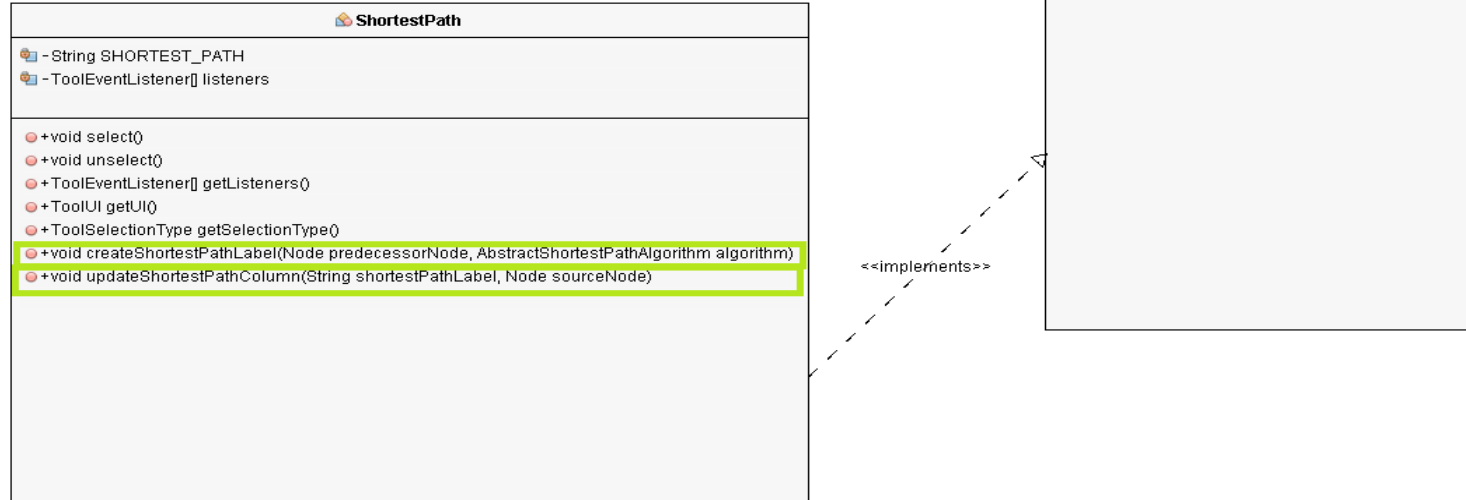
Activity Diagram



Class Diagram (Before)

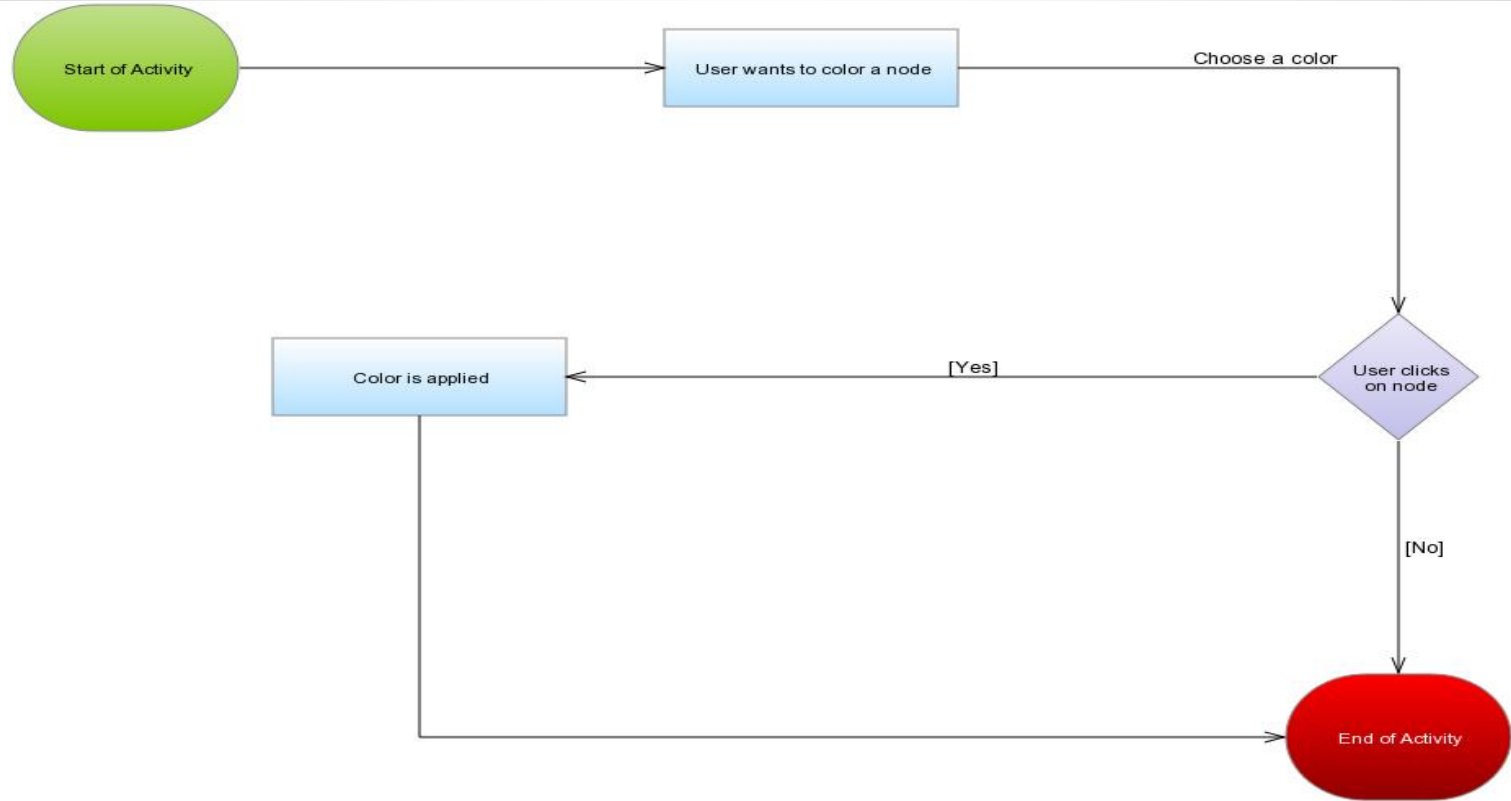


Class Diagram (After)

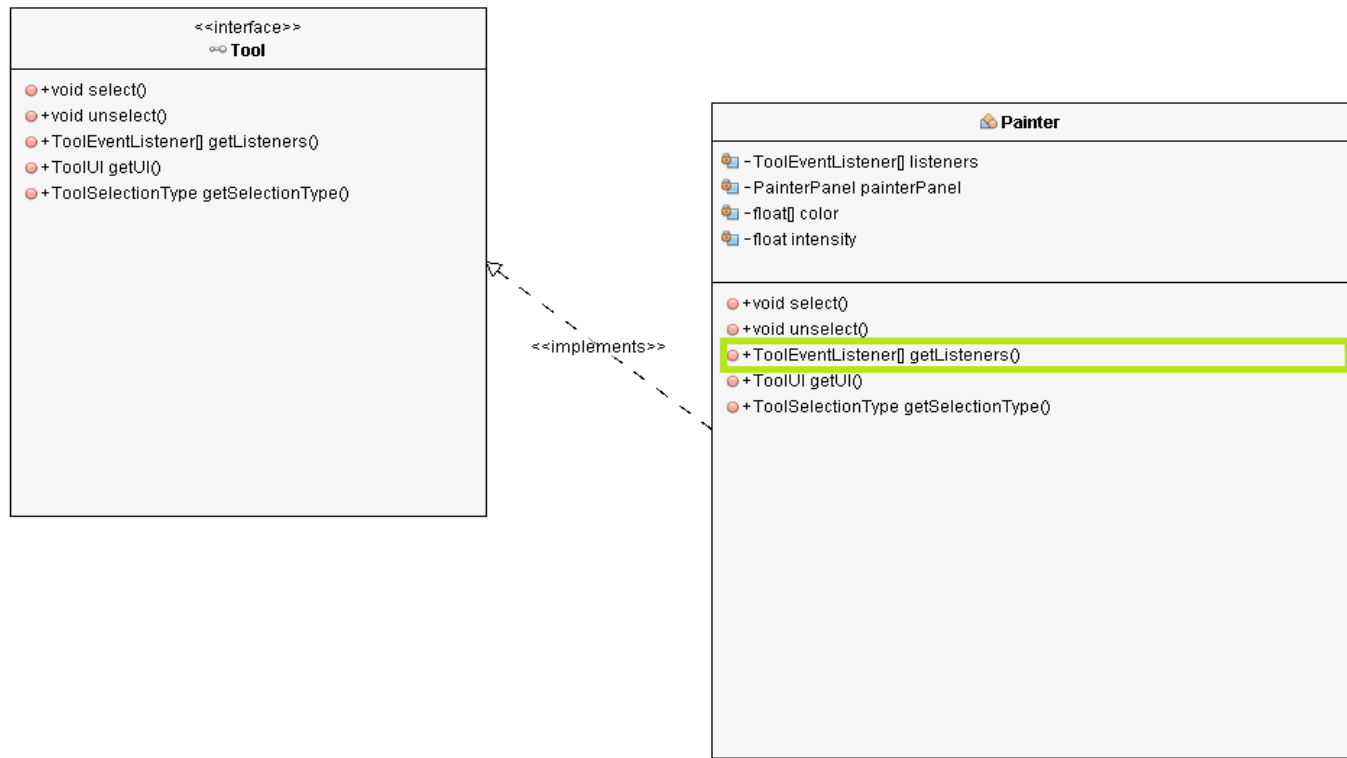


Painter Tool

Activity Diagram

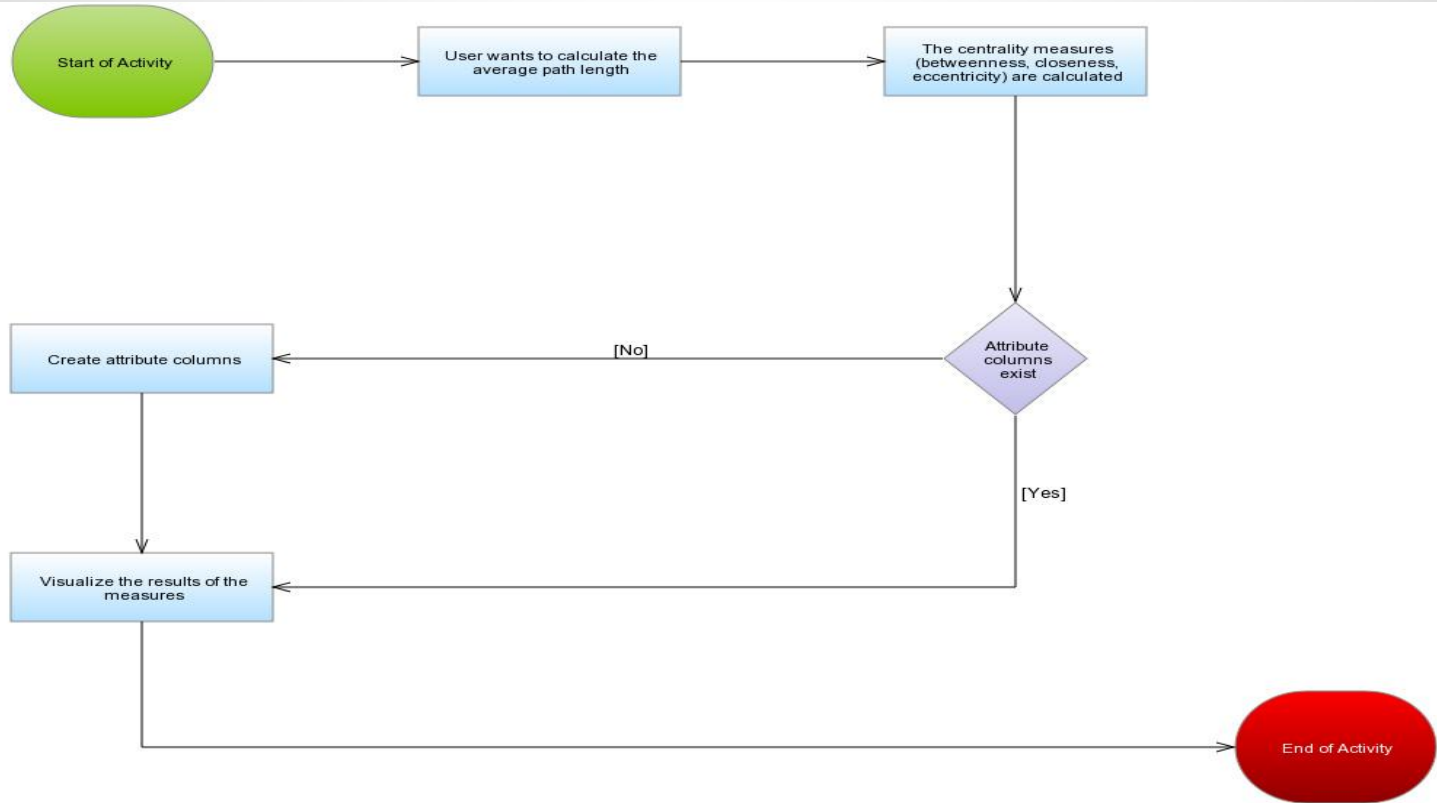


Class Diagram

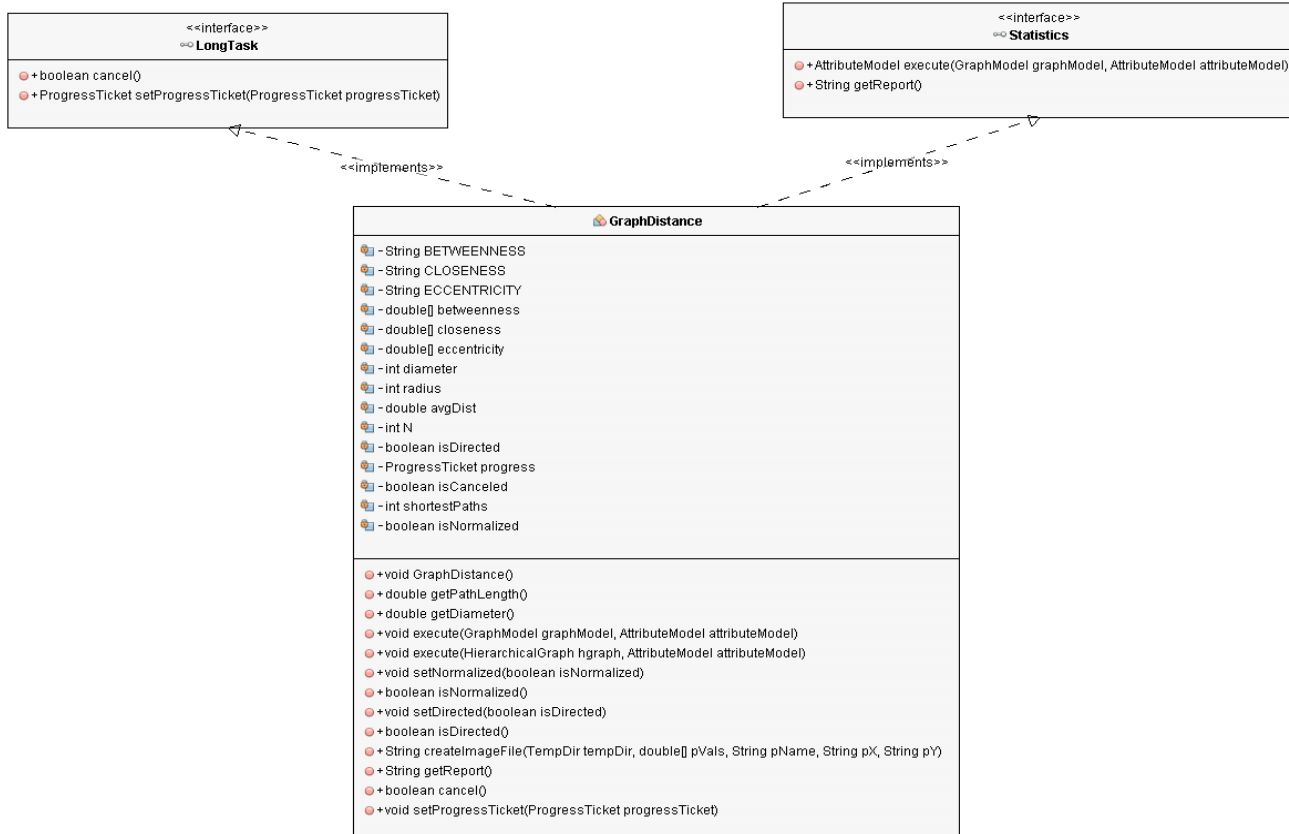


Edge Weight Support on Centrality Metrics (Closeness, Betweenness and Eccentricity)

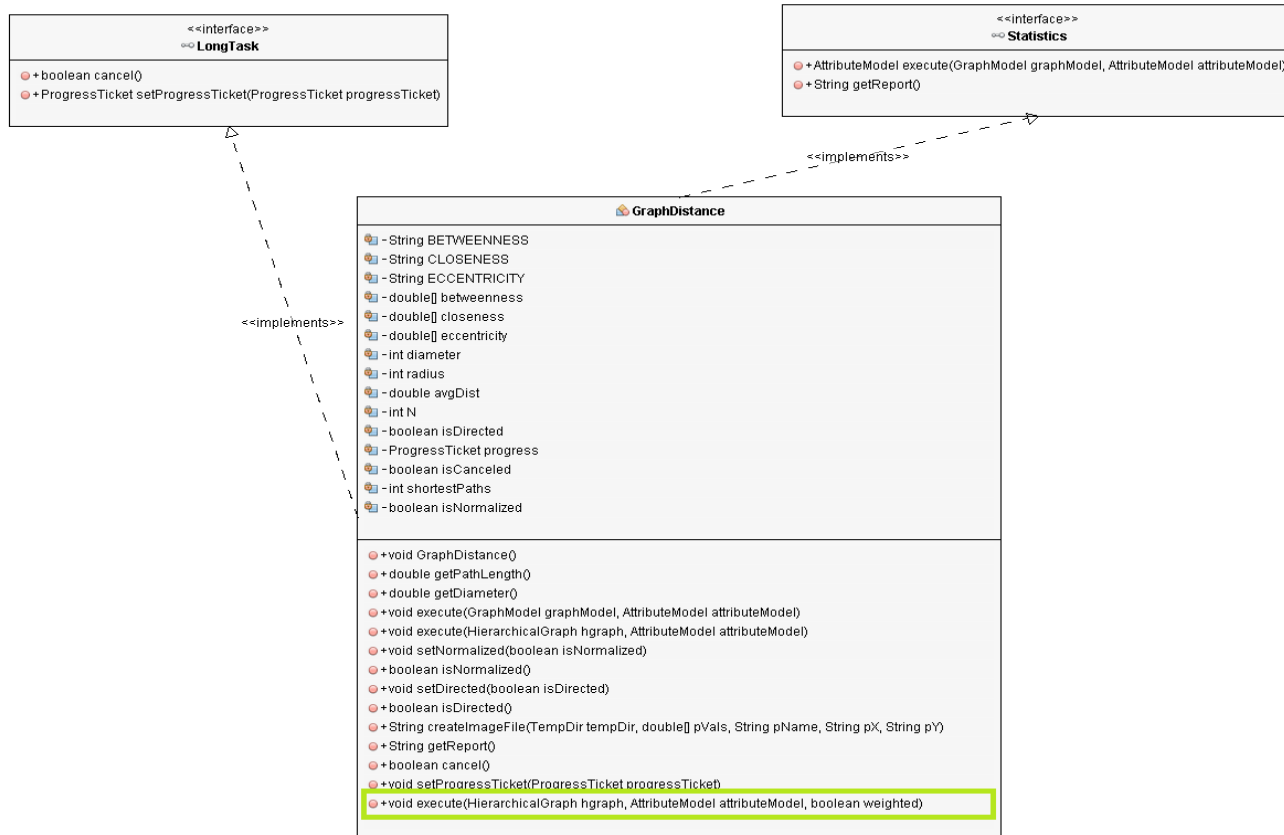
Activity Diagram



Class Diagram (Before)



Class Diagram (After)



Create Adjacency Matrix for Graph

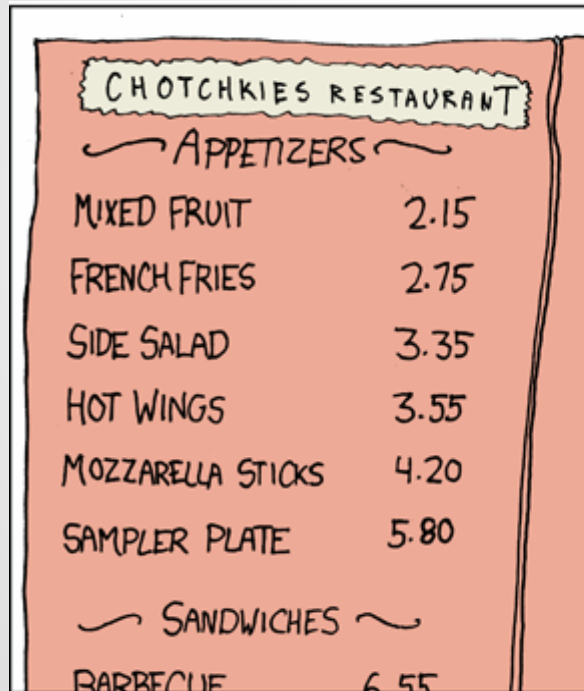
- Create adjacency matrix for graph
- Export it as csv file

Progress Plan

- When computing shortest paths save paths(as String) in column ✓
- Modify node painter tool so color does not increase incrementally ✓
- Support edge weight when computing centrality metrics (In progress)
- Create adjacency matrix for graph (In progress)

Hypergraphs

Thank you! Questions?



CHOTCHKIES RESTAURANT	
~ APPETIZERS ~	
MIXED FRUIT	2.15
FRENCH FRIES	2.75
SIDE SALAD	3.35
HOT WINGS	3.55
MOZZARELLA STICKS	4.20
SAMPLER PLATE	5.80
~ SANDWICHES ~	
BARBECUE	6.55

