

SE 492 - sdmay20-54

Enabling Repeatable Graph-based Experimentation and Education

Week 1 - Semester 2 Report

1/16-1/30

Client: Ben Holla

Faculty Advisor: Suresh Kothari/Payas

Team Members:

Austin Gregory - Report Manager

Peter Marasco - Communication Coordinator

Blake Mulnix - Trello Manager

Kyle Ferguson - Meeting Coordinator

Matthew Schaffer - Technical Leader

Past Week Accomplishments

- Deliver Final Presentation
- Develop list of features to potentially implement this semester
- Construct schedule for meetings for this semester
 - Advisor meetings Wednesday 4:10pm
 - Team meeting Tuesday 3:40pm

Pending Issues

- Change import/output approach for graph for future scaling (Priority)
- Create UI/Wrapper Website (Priority)
- Add containers to graph visualization (Priority)
- Add typing to graphs (genetic graphs, statistical data, software)
- Edges in graph crossing (requires overhaul of algorithm)
- Add further context menu options
- Save graphs to notebook

Summary of Advisor Meeting

- Discussed which features to prioritize for this semester
- Distributed responsibilities of tasks for each team member

Individual Contributions

Team Member	Contributions	Weekly Hours	Total Hours
Austin Gregory	Final Presentation, Status Report, Develop list of features to add	4	41
Peter Marasco	Final Presentation, Develop list of features to add/manage trello	4	46
Blake Mulnix	Final Presentation, Develop list of features to add	4	46
Matthew Schaffer	Final Presentation, Develop list of features to add	4	41
Kyle Ferguson	Final Presentation, Develop list of features to add	4	41

Plans for Next Week

- Even More Changes to Menu Options for nodes - Peter
 - Allow on-click menu options for nodes to provide additional information/utility
- Overhaul Graph Import/Export Approach - Blake/Matthew

- Begin an overhaul of graph import/export for future scalability
- Add containers to graph visualization - Kyle
 - Wrap graphs in a container which can be moved/manage as a whole
- Create UI/Wrapper Website - Austin
 - Setup and design website UI
 - Embed graph visualization in website