

SE 492 - sdmay20-54

Enabling Repeatable Graph-based Experimentation and Education

Bi-Weekly Report 6 - Semester 2

4/2-4/4/16

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

- Prepared For Final Presentation - All members
 - Delegated responsibilities
 - Developed powerpoint presentation
 - Rehearsed presentation
- Final Code Cleanup - All Members
 - Final Code Review
 - Made some optimization/design changes
 - Added Documentation
 - Merged all changes to master

Pending Issues

- Add typing to graphs (genetic graphs, statistical data, software)
 - Currently only have software control-flow graphs
- Edges in graph crossing (requires overhaul of algorithm)

- Add taxi-like edges that avoid graph crossing to more accurately replicate Atlas
- Add further context menu options
 - Brainstorm potential additions
- Save graphs to notebook
 - Save XML files to the notebook rather than importing each time

Individual Contributions

Team Member	Contributions	Bi-Weekly Hours	Total Hours
Austin Gregory	Prepare for final presentation, Final code review, Status Report	13	68
Peter Marasco	Prepare for final presentation, Final code review	12	71
Blake Mulnix	Prepare for final presentation, Final code review	12	73
Matthew Schaffer	Prepare for final presentation, Final code review	12	67
Kyle Ferguson	Prepare for final presentation, Final code review	12	67

Plans for Next Week

- Further Preparation For Final Presentation - All members

- Rehearse presentation
- **Polish Documentation - All Members**
 - Clean up documentation
 - Use JavaDocs to get html of our documentation