

sdmay18-27: Data Analytic Tools for Inconsistency Detection in Large Data Sets

Week 10 Report

November 25 - December 1

Team MembersCamden Voigt — *Technical Lead*Christopher Konopka — *Communication Lead*Logan Heitz — *Project Lead*Timothy Rogers — *Quality Lead*

Summary of Progress this Report

Finished implementation of the prototype to be presented to Kingland in status meeting next week. Prototype has the ability to show detect one type of inconsistency at present time and serves as a proof of concept for our design.

Development of the final project plan with updated sections. Schedule has been updated to reflect the plans for second semester and the projected timeline. Design document has been updated to reflect new design ideas and better understanding of the implementation that will be needed.

Preparation for the panel presentation for senior design and the End of semester progress meeting with Kingland.

Pending Issues

Complete Presentation for senior design panel

Complete Presentation for Kingland Meeting

Plans for Upcoming Reporting Period

Complete Presentation for senior design panel (Team)

Data Configuration Parser Information (Logan Heitz)

Raw Data Parser Information (Timothy Rogers)

Exporter Information (Camden Voigt)

On The Fly Matcher (Christopher Konopka)

Complete Presentation for Kingland Meeting (Team)

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Camden Voigt	Update of Functional and non-functional requirements section of the project plan. Wrote results section of the design document. Worked on presentations for senior design panel and Kingland status update meeting.	6	38
Christopher Konopka	Implementation of On the Fly Matcher prototype. Updated issues and challenges sections in project plan and design document. Worked on presentations for senior design panel and Kingland status update meeting.	8	36.5
Logan Heitz	Update of project timeline for first and second semester. Update design diagrams for project plan and design document. Update proposed design section of project plan and design document. Worked on presentations for senior design panel and Kingland status update meeting.	7	44
Timothy Rogers	Update of testing plans for project plan and design document. Worked on presentations for senior design panel and Kingland status update meeting.	6	42