

SE 492 – sdmay20-06

ENGINE DATA ANALYTICS TOOL

Week 1/31/20 Report

1/13/20 – 1/31/20

Client: Collins Aerospace

Faculty Advisor: Lofti, Ben-Othmane

Team Members:

Zak Frisvold - Team Leader

Thomas Haddy - UI/UX Engineer

Ryan Radomski - QA Tester

Will Sartin - Meeting Runner

John Powen - Scrum Master

Weekly Summary

In the last week we have met among ourselves to create tickets for our project, define the roles in our team, and consider what next steps are for the development process. We have outlined what we want to get done for the next meeting and have begun the development process among ourselves.

Past Week Accomplishments

- We created a backlog to go ahead and get to work on.
- Our data parser is fully functional and being tested.

Pending Issues

- Look further into C++ and C# compiling and alternative solutions.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Zak Frisvold	Began research into converting our existing program into a C# library to be called from our user interface	4	4
Thomas Haddy	Looked into examples and tutorials for using LiveCharts, a C# library for real-time graphing and plotting.	4	4

Ryan Radomski	Read through documentation for LiveCharts and WPF. Began taking C# tutorials to brush up on C# coding.	4	4
Will Sartin	C# tutorials, learning WIndows Presentation framework. Worked on file uploaded/handling in a GUI, and C# data parsing.	4	4
John Powen	Began more detailed screen sketches and started development of the frontend.	4	4

Upcoming Plans for next Week

- Implementing a main screen.
- Further development with data parsing in C#.

Summary of Weekly Meeting with Sponsor

No meeting until 2/6/20 due to Sponsor unavailability.