**Stories**

Title: Quadratic Solver

Date: 10/8/18

Team Members: Harley Misner, Corey Oldenberg, Kenny Birge, Crue Martin

Description: Command line program for the quadratic equation

Client: Designed for engineers at the Sophomore level

Story 1: Setup

Read about IEEE, set programming standard, set up Git repository

Requirements:

Language: R on Windows

Program: RStudio

Story 2: Create Unit Testing

Decide what proper input will be, program the unit testing

Requirements:

Language: R on Windows

Know all possible types of input

Story 3: Program

Create input validation, program quadratic formula, summarize findings

Requirements:

Language: R on WIndows

Know how the quadratic equation works

**TPS Report**

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| **Task** | **Time** | **Who** | **Risk (1-5)** | **% Complete** | **Time Spent** | **Review** |
| Read about IEEE | 4 hours | Everyone | 1 | 50% | 2 hours | CM KB CO HM |
| Set programming standard | 30 minutes | Everyone | 2 | 100% | 30 minutes | CM KB CO HM |
| Set up Git Repository | 2 hours | Corey | 1 | 100% | 1 hour | CM KB CO HM |