Title: Quadratic Solver

Date: 11/5/18

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

Description: Command line program for the quadratic equation

Story 1: Setup

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

Requirements:

Language: C on Linux

Program Standard: C99

Story 2: Create Unit Testing

Decide what proper input will be, program the unit testing

Requirements:

Language: C on Linux

Know all possible types of input

Story 3: Program

Create input validation, program quadratic formula, summarize findings

Requirements:

Language: C on Linux

Know how the quadratic equation works

**TPS Report**

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| --- | --- | --- | --- | --- | --- | --- |
| **Task** | **Time** | **Who** | **Risk (1-5)** | **% Complete** | **Time Spent** | **Review** |
| Create Unit tests | 4 hours | Everyone | 3 | 90% | 3.5 hours | CM KB CO HM |
| Create test cases | 2 hours | Everyone | 2 | 100% | 3 hours | CM KB CO HM |
| Automate with make | 2 hours | Everyone | 1 | 85% | 2 hours | CM KB CO HM |
| Code Quad solver | 8 hours | Everyone | 4 | 100% | 6 hours | CM KB CO HM |