CS 4900

Project: Quad Solver

TPS Report

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| --- | --- | --- | --- | --- | --- | --- |
| Task | Who will complete | Time | Risk | % complete | Actual time | review |
| T1 | TH | 1 hour | 1 | 100% | 1 hour | SS AK  TH EJ |
| T2 | SS AK  TH EJ | 1 hour | 1 | 100% | 1 hour | SS AK  TH EJ |
| T3 | SS AK  TH EJ | 1 hour | 1 | 100% | 1 hour | SS AK  TH EJ |
| T4 | TH | 1 hour | 1 | 100% | 1 hour | SS AK  TH EJ |
| T5 | AK SS | 20 hours | 4 | 50% | TBD | TBD |
| T6 | EJ | 10 hours | 5 | 50% | TBD | TBD |
| T7 | SS AK  TH EJ | 1 hour | 1 | 0% | TBD | TBD |
| T8 | SS AK  TH EJ | 1 hour | 1 | 0% | TBD | TBD |

T1: Create method headers

Header files for the following C files have been created:

* Quadsolver.c
* Calulate.c
* Format.c
* Getit.c
* Putit.c
* Validate.c

The method headers for the respective files have also been established within the header files.

T2: Decide on a make standard

The make standard established by Dr. Kapenga will be implemented.

T3: Decide on a programming standard

The Barr Standard will be used for the duration of this project.

T4: Create makefile for the program

The makefile has been made with the specifications outlined in class.

T5: Run a spike on getit method for input handling

Input validation must be established to ensure that the amount of error checking is minimized. The input validation will then have to be unit tested to make sure erroneous values do not get through.

T6: Write calculation method for the program

The calculation method will have to be made to conform to IEEE F32 floating point arithmetic standards.

T8: Ask the client for elaboration on inputs.

The client must specify weather inputs, outputs, or both will be four sig figs.