Meeting 11 Minutes

Location: Discord
Date: March 23, 2023
Time: 9:00 pm
Attendees: Jong Hyung Ha, Atul Gupta, Ruksmita Ghoorahoo, Khavish Gangalaramsamy, Alexander Figueiras, Kiana Greek

Agenda

Important Notices

Email ASQ TA tasks by March 31

D3 Due Apr 10 (details at end)

D4 Due Apr 13 (details at end)

Functions

Discussion: Did everyone check their functions? Lancos for gamma. Need to add Javadoc for each function. Default precision is 9 but use can change it. Atul set the precision in the parameter for division in functions and subordinate functions. Not providing a precision value will have an effect. Arccos doesn't work for some values. Khavish will contact people individually for problems with functions. Khavish and Jiaqui will add issues to the qa-bugs channel.

Action: Javadoc for own function by tomorrow. Test your own method to see if it's working correctly.

Subfunctions

Discussion: Do we need cosh? Not sure if we need it and Jiaqui isn't here to confirm if we need it.

Action: nothing

UI

Discussion: Precision will be handled in the UI with a drop down of possible values. Rounding/truncation will be handled here. Would implement importing calculation history – if its not connected to the server, all history will be lost.

Action:

ASQs

Discussion: when will we start instructions? There must be a task for each function and can add extra UC. Possible tasks: tooltip, scientific notation, setting precision, arithmetic; go through UC. Might be easy to import calculation history – can add that as a task. Instructions are how they will set up the environment – at the end.

Action: Kiana will create the tasks.

Documentation

Discussion: Missing pseudocode for 2 functions. Atul will do the macro architecture and micro for backend. Ruks will do for front end and UI. wants testing with algebraic value. Using debugger individually when about to enter the function and exit the function. Idea has a good debugger to use. Instructions at very end – how to set stuff up. Atul will do instructions at the end. Need wait for UI for. No pseudocode for subordinate functions.

Action: John will assign who reviews which code. Review code after functions are fixed. Kiana will make a common form for review. Each person individually screenshots the debugger after front end is complete. Kiana will put everyone's pseudocode in latex and create the report template. Psuedocode up by tomorrow.

Misc.

Discussion: we're unsure about what he wants for the poster. Alexander to maybe present. All should answer questions, esp about what you programmed/did. Flow preserved with 1 presenter and wastes less time. Up to us how many people will present. Presentation might be going over the calculator.

Action:

For Next Time

Need to Dos

Psuedocode for functions and upload to github

Due Dates

Psuedocode for functions uploaded to github by March 23

Next Meetings

March 30

D3 Submission

1. documentation
    a. the final version of software project glossary
    b. the final list of collaboration patterns adopted and followed by the software project team, and the tools used in their realization
    c. the final mapping of functions to team members
    d. the final list of potential personas
    e. the final set of use cases
    f. an outline of the strategy, including specifics of software design (macro-architecture design, micro-architecture design, and user interface design)
    g. algorithm(s) expressed as pseudocode or otherwise in some 'standard' form and data structures, used for implementation, and technical reasons for making decisions.
    h. source code review results

    i. test results
    j. and instructions on how to run the program.
2. source code
3. data files (if any)

D4 Submission

1. submission of an electronic copy of the poster
2. a demonstration of a high-fidelity prototype of ETERNITY in the class, and a poster presentation of:
    a. retrospectives (from Iteration I)
    b. lessons learned (if any, such as those from the usability evaluation results).