Meeting 10 Minutes

Location: Discord
Date: March 16, 2023
Time: 9:00 pm
Attendees: Jong Hyung Ha, Atul Gupta, Ruksmita Ghoorahoo, Khavish Gangalaramsamy, Alexander Figueiras, Kiana Greek, Jiaqi Gu

Agenda

Important Notices

Contact TA for ASQ by tomorrow!

Email ASQ TA tasks by March 31

D3 Due Apr 10 (details at end)

D4 Due (details at end)

Functions

Discussion: all functions finished. Atul wants to switch away from integers and double and change to Big Int for all of them. Alexander ran into issues using Big Decimal but its all good now. Same implementation but doesn't use JVM stack. Not using primitives provides more accuracy. Parser mostly done, could use a bit more testing and comments. John has issues with x^y. Will implement history functionality in UI. x^y needs previous solution – sets x to previous answer as x. Atul says we don't need to worry about it. Unsure if we need history functionality. Functions good, parser good.

Action: push rest by tonight, change code to use Big int and Big Decimal – change your own code

Subfunctions

Discussion: some subordinates already converted into big int and big decimal. Power function cant calculate negative exponent.

Action: update to big int and big decimal

UI

Discussion: starting on 3/19. Entire code left but shouldn't take long to do. Need html, css, javascript.

Action:

ASQs

Discussion: asking the TA. Needs instructions and tasks. Tasks are use cases. Provide information on task per function.

Action: Atul and Kiana will do instructions. Kiana will email ASQ TA about if we must create instructions. Might need a 3rd person – Alexander can do UI worst case.

<u>Documentation</u>

Discussion: Have personas, collab patterns, function mappings. Need to fix UC. Can do pseudocode on our own. John will start strategies and each will explain our own strats for documentation. John will supervise it.

Action: Prepare pseudocode & source code by the end of the month. Pseudocode by the end of the week.

<u>Misc.</u>

Discussion: Khavish & Jiaqui for QA using postrun. Not hosting a website – they'll need to host it locally. Test if main functions are working and if UC are working.

Action: Test functions. Once UI is finished then test UC.

For Next Time

<u>Need to Dos</u>

Upload code & pseudo code
Work on UI

<u>Due Dates</u>

All functions updated by tomorrow

<u>Next Meetings</u>

March 23

<u>D3 Submission</u>
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)

<u>D4 Submission</u>
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).