

ETERNITY:NUMBERS

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Description

In this project, I had to build a calculator, that apart from performing basic computations, calculated the value of pi and has buttons to perform simple pi related calculations such as Area, Perimeter, etc.



What Worked Well?



- Team coordination was excellent whenever it was needed. All the team members were very helpful.
- Realization of self confidence as I had to complete all the tasks by myself.
- Timely completion of each deliverable.
- Working on pi was easy as it is the most commonly occurring irrational number.
- Got an excellent interviewee for this project.

Challenges Faced



- I worked on latex for the first time, so it was quite time consuming.
- Managing time for the project.
- Different time zone of the interviewee

What Can Be Improved?

- Implementation- the computation can be performed on two numbers for now.
- Number of user stories could have been more.



- There could have been more team oriented tasks so that there could be a feeling of oneness among the team members.
- Proficiency in latex.

3.1415926535897932384626433832795028841971693993
751058209749445923078164062862089986280348253421
17067982148086513282306647093844609550582231725
359408128481117450284102701938521105559644622948
95493038196442881097566593344612847564823378678
31652712019091456485669234603486104543266482133
93607260249141273724587006606315588174881520920
962829254091715364367892590360011330530548820466
521384146951941511609433057270365759591953092186
117381932611793105118548074462379962749567351885
752724891227038183011949129333673362440656643086
021394946395224737190702179860943702770539217...

Though pi is a very common irrational number, but while working on this project, I got to know many facts about it that I would have never known otherwise. I got to know that this number is so famous that there is a day to celebrate it. It is an irrational number that is represented as a ratio of two rational numbers.



Critical Decisions

- Choosing the interviewee- Among the 3 available interviewees, I selected the one who had more knowledge about pi.
- Selection of persona template- All the team members suggested templates for persona, but we eventually decided to go with a template that could be easily implemented by all the team members.
- Designing interview questions- I made a lot of interview questions initially, but before conducting the interview, I eliminated irrelevant questions.



Lessons Learnt

- Preparing document in Latex.
- Working individually could be fun.
- Time management.



References

- [1] P. Kamthan, Summer 2019, "Project Description" , Department of Computer Science and Software Engineering, Concordia University.
- [2] Barcode Generator. Available: <https://www.cognex.com/en-ca/resources/interactive-tools/free-barcode-generator>

Github-

