Project state

CSE 310 : Project 2 – Milestone

Ninad Bharat Gund

ASU ID: 1222336947

# Introduction:

# The project goal is to implement a query solver on CSV files to obtain the desired information in proper format. We use data structures like heap to implement the data storage/sorting.

# Problems encountered:

* Some bugs in heap implementation, but resolved them after some debugging.
* Originally implemented heap as a BST, then had to change it to array after realizing what was asked in the project document.
* Gradescope/Windows cross platform issues, had to drop things like locale and implement some logics manually.
* Gradescope intended output formatting took a lot of effort and trial-and-error to figure out.

# Known bugs/limitations:

* No known bugs found as of the latest submission.
* The parameter testing is very limited, and input is assumed to contain proper data, as mentioned in the document.
* Testing was done using all provided files as well as some manually created test data of my own.

# Significant interactions:

* Mainly for the purpose of submission formats, search of external reference materials, technical issues, etc.

# Citations:

* <https://stackoverflow.com/questions/2481269/how-to-make-a-simple-c-makefile>
* <https://tutorialspoint.dev/language/c-and-cpp-programs/heap-sort>
* <https://www.learncpp.com/>
* <https://en.cppreference.com>

# Version control:

* <https://github.com/ninadgund/CSE310_Project_2.git>
  + (Repository is private as mentioned)

Graphical user interface, application

Description automatically generated