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Github Repository

<https://github.com/fgonza21/Assignment-4>

Application Overview: Animated Histogram making substantial use of the libplot library.

User provides data through a txt file to be displayed in a histogram. The file will also include labels for the axes. The histogram will display the number of occurrences of a particular item.

The display will use libplot to display labels for both axes. The display will also animate the growth according to the data provided in the text file.

Partitioning: Abstract Data Structures and associated source file (i.e. header file)

Graphical User Interface

Implementation – reading, parsing, and storing user data

Your repo won’t have much in it to begin with, but start by putting

your proposal document in the repo.

a user’s perspective. This is not a user­guide, but rather a

description of what the user can do with the application (not exactly

how they will do this ­­ that will be in your final report).

Library Support Identify the C library you have decided to use:

Partitioning How you plan to decompose the application into clearly identifiable

● How does it enable your application?

● Give two resources you have found that seem most useful.

modules:

● Role of each module

● Who will be responsible for each module

● Some notion of how the modules will communicate (think

ADTs / APIs / header files).

Think about things like:

● Data structure support

● Input/Output

● User interaction (if any)

These decisions are not set in stone and may change by the time

your final implementation is done. But we have to start somewhere.