Project 1 Report

Our program is a knowledge repository, it functions solely on the command line user interface. The program has a main menu and a few sub menus such as:

A screen shot of a computer

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There is also an administrator lock feature that only allows users with a password (in this program “Admin”) to create, edit, or delete information.

Admins can:

* Create new information pages.
* Edit existing information pages.
  + Find and replace information in a specific page.
  + Or append new information to a specific.
  + Delete a specific page. (And its ‘EDITS\_’ file)

Our program works by managing a small database of text files that contain information and their corresponding ‘EDITS\_’ files which contain a record of every time a text file is edited (through the program) You will notice in the relative directory of the Java project; each text file has a corresponding ‘EDITS\_’ file. (DeclansDetails.txt will have an edits file named EDITS\_DeclanDetails.txt made at creation, provided the user uses the program through the CLI to create the file)



Every time an edit is made through the program using the CLI, a record is added to the corresponding ‘EDITS\_’ files.

A close-up of a computer code

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Contribution and program breakdown

For planning purposes, we created a few mock up menu screens

and built out program upon that.

A white sheet of paper with text

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Finally, we used Git Version control and GitHub to collaborate on the program together and provide us with a solution if we needed to rollback to a previous version of the program.