

## Virtual Keys

This application will use file operators which will allow the user to add, search, and/or delete files.

### Sprints

- 1<sup>st</sup> Sprint- create a flow chart and complete the welcome screen
  - Day 1
- 2<sup>nd</sup> Sprint- display all the files names when the user enters option 1 from the main menu
  - Day 2
- 3<sup>rd</sup> Sprint- when the user enters option 2 from the main menu if the file name is not found prompt to add the file. If the file already exists display the file location and ask to delete the file
  - Day 3
  - Day 4
- 4<sup>th</sup> Sprint- clean up the code and check for bugs
  - Day 5

### Flow and Features

The program will greet the user with a welcome screen. It will then display the main menu and prompt the user to alphabetize the files, Add/ Delete/ Search for files, or close the program. The main menu loop runs in a do while loop until the user wants to close the program in which will break the loop. In order to get the files to display I used both array list and collections sort. To modify the files I used `file.delete` and `file.createNewFile`.

