

Virtual Key for Your Repositories

Course-end Project 1

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GitHub:

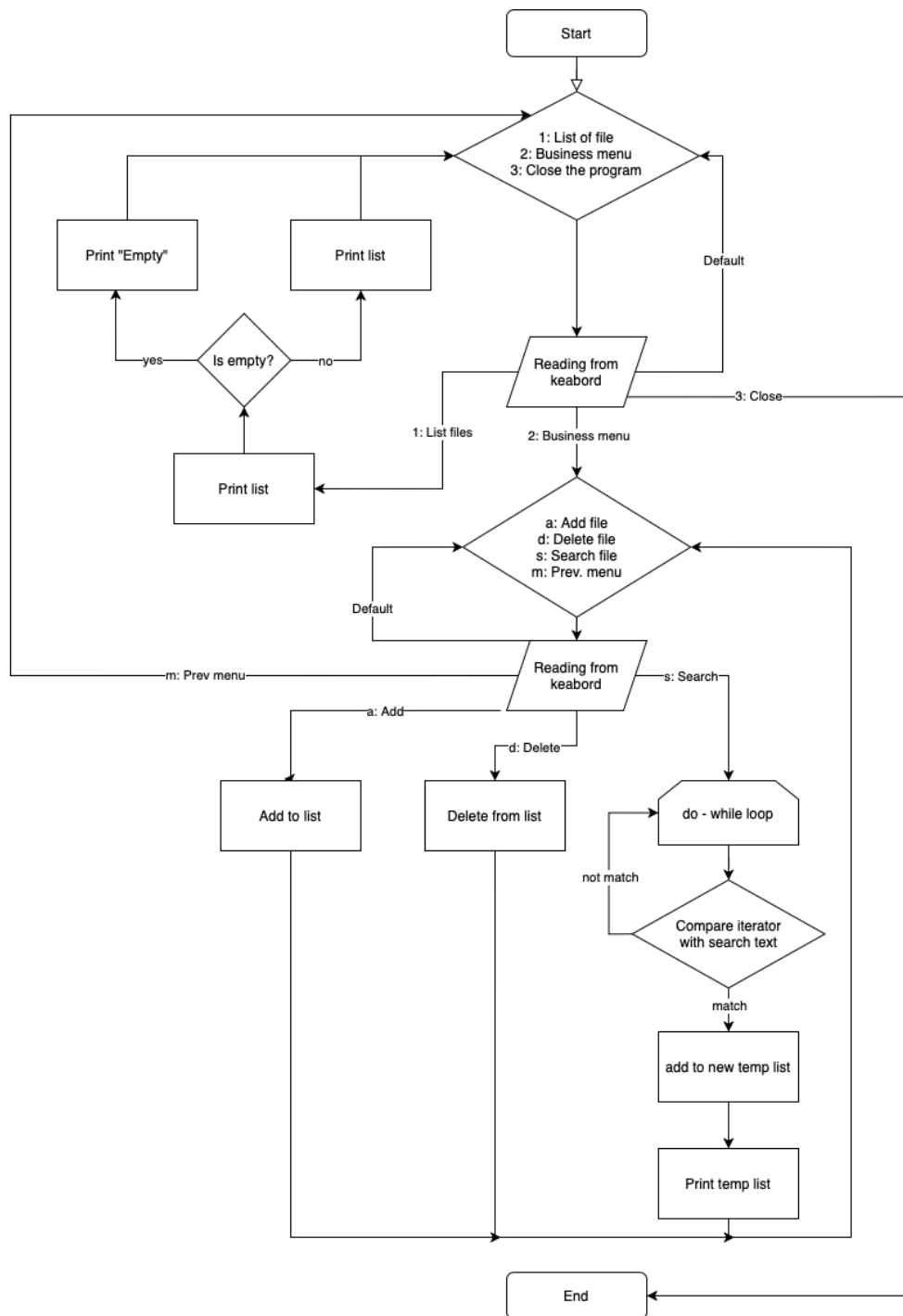
<https://github.com/chocholik/CourseEndProject1>

Plan & sprints:

I plan my sprints to a 1 day. Project is small and weekly sprints are too long.

Sprint 1:

Make an analysis and create diagram. Git repository created.



Sprint 2:

Create first menu. User have only 3 options, all other values return user to first menu choice. Create second "Business menu", 4 options, all other values return user to second menu.

Sprint 3:

Create all classes in second menu.

Sprint 4:

Completing the documentation and making code prettier.

Program description:

MainMenu app was the interface which communicate with user. BusinessOperation app only get and return the values.

I use TreeSet for saving values. TreeSet in default save unique values in ascending order. First demand was solved. When I create menu, I want to restrict user only to pre-defined values. All other values return user back to menu. So I read the input as a sting, convert to 1 character and convert to variable char. I use switch method, and compare Ascii values of characters. When user write another char, user will be notified about bad choice.

1) LIST OF FILES

Return TreeSet as a string and print it.

2) BUSINESS MENU

a) ADD VALUE

I use standard TreeSet class to add the value and return message "File was added".

b) DELETE VALUE

I use predefined TreeSet class to remove the value and return message "File deleted".

c) SEARCH VALUE

I create iterator with while cycle and iterate original TreeSet. When iterator contains value, I add value to temporary TreeSet. When loop ends, I will return temporary TreeSet as a string.

d) PREVIOUS MENU

Just end while sub menu loop and user go back to main menu.

3) CLOSE PROGRAM

Just end while main menu, say "Thank you" and close program.

In the end, I close the scanner class.