**Virtual Key for Your Repositories**

1. You can see the principles of interaction with the program in the screenshots
2. For implementing this project we need 3 sprints. Sprint duration - 2 days
   1. Sprint 1-developing architecture of solution
   2. Sprint 2-implementing solution
   3. Sprint 3-testing and refactoring
3. Java features used in project:
   1. MVC pattern
   2. Strategy pattern
   3. Observer pattern
   4. Command pattern
   5. Composite pattern
   6. Java collections, file handling, I/O operation, programming at interface level, classes and interfaces, Exceptions
4. To sorting operation we using Array list. To search operation we using static class nio,file.Files
5. Features:

* The first option return the current file names in ascending order. The root directory can be either empty or contain few files or folders in it
* The second option should return the details of the user interface such as options displaying the following:
  + Add a file to the existing directory list
    - You can ignore the case sensitivity of the file names
  + Delete a user specified file from the existing directory list
    - You can add the case sensitivity on the file name in order to ensure that the right file is deleted from the directory list
    - Return a message if FNF (File not found)
  + Search a user specified file from the main directory
    - You can add the case sensitivity on the file name to retrieve the correct file
    - Display the result upon successful operation
    - Display the result upon unsuccessful operation
  + Option to navigate back to the main context