## **Locked Me – Virtual Key For Repositories**

#### This document contains:

- Sprint Planning
- Task Completion
- Flow and features of the application
- Flow charts
- Software used
- Product demonstration
- Conclusions

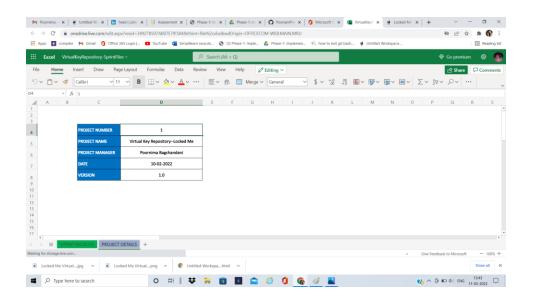
The code and all documents related to this project are hosted at git hub. Above is the link provided, developed by Poornima Bagchandani.

https://github.com/PoonamPreet/LockedMe/tree/master

### **Sprint Planning**

Our manager has set up a meeting where we were asked to present the following in the next 15 working days (3 weeks)

- Specification document Product's capabilities, appearance, and user interactions
- Number and duration of sprints required
- Setting up Git and GitHub account to store and track your enhancements of the prototype
- Java concepts being used in the project
- Data Structures where sorting and searching techniques are used.
- Generic features and three operations:
- Retrieving the file names in an ascending order
- Business-level operations:
- ♦ Option to add a user specified file to the application
- ♦ Option to delete a user specified file from the application
- ♦ Option to search a user specified file from the application
- Navigation option to close the current execution context and return to the main context
- Option to close the application



# SPRINT [NUMBER] BACKLOG

1	User Story	Tasks	O w n e r	St at us	Est im at ed eff ort	D a y 1	D a y 2	D a > 3	D a y 4	D a > 5	D a > 6	D a y 7	D a y 8	D a y 9	D a y 1	D a y 1	D a y 1 2	D a y 1 3	D a y 1 4	D a y 1 5
	Project Assessm ent	Project Rquireme nts	P o or ni m a	Co mp let ed		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1		Project ananlysis	P o or ni m a	Co mp let ed	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
		Flow Chart	P or ni m a	Co mp let ed		0	4	0	0	0	0	0	0	0	0	0	0	0	0	0

		Install Eclipse	P o or ni m a	Co mp let ed		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
2		Install Microsoft Office	P o or ni m a	Co mp let ed		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Installat ion	Registerin g in Git Hub			1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
		Installing Git Bash	P o or ni m a	Co mp let ed		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
		Add External Jar files	P o or ni m a	Co mp let ed		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
3	Project Implem entation	Create Folder	P o or ni m a	Co mp let ed	5	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0
		Add files to existing folders	P o or ni m a	Co mp let ed		0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
		Add file	P o or ni	Co mp let ed		0	0	0	0	2	0	0	0	0	0	0	0	0	0	0

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		Delete file	P o or ni m a	Co mp let ed		0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
		Search File	P o or ni m a	Co mp let ed		0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
		Sort File	P o or ni m a	Co mp let ed		0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
		Main Menu	P o or ni m a	Co mp let ed		0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
		Exit	P o or ni m a	Co mp let ed		0	0	0	0	0	0	0	0 . 5	0	0	0	0	0	0	0
4	Git	Saving files in local reposotiry	P o or ni m a	Co mp let ed		0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
4	usage	Pushing files to Git Hub	P o or ni m a	Co mp let ed	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
5	Docume ntaion	Documen ting Project	P o or	Co mp	3	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0

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			or	mp		0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
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## **Task Completion**

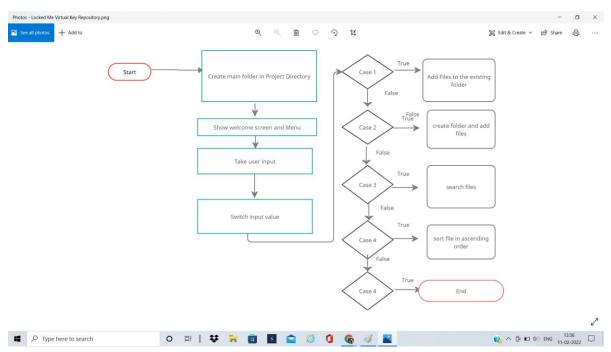
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## Flow and features of the application

- Plan more than two sprints to complete the application
- ❖ Document the flow of the application and prepare a flow chart
- ❖ List the core concepts and algorithms being used to complete this application
- ❖ Code to display the welcome screen. It should display:
- > Application name and the developer details
- ➤ The details of the user interface such as options displaying the user interaction information

- ☐ Features to accept the user input to select one of the options listed
- ❖ The first option should 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:
- o Add a file to the existing directory list
- o You can ignore the case sensitivity of the file names
- o 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
- ❖ There should be a third option to close the application
- ❖ Implement the appropriate concepts such as exceptions, collections, and sorting techniques for source code optimization and increased performance

### Flow Chart

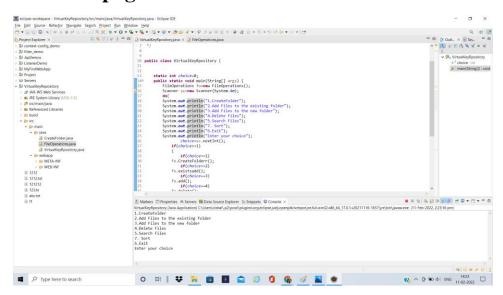


### Software usage

- Eclipse/IntelliJ: An IDE to code for the application
- Java: A programming language to develop the prototype
- Git: To connect and push files from the local system to GitHub
- GitHub: To store the application code and track its versions
- Scrum: An efficient agile framework to deliver the product incrementally
- Search and Sort techniques: Data structures used for the project
- Specification document: Any open-source document or Google Docs

## **Product demonstration**

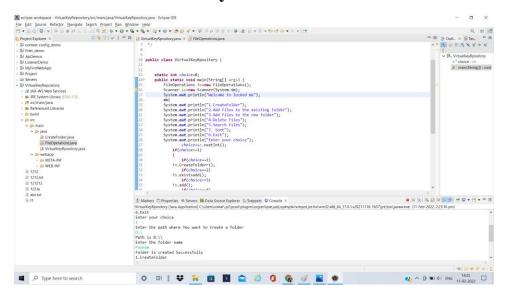
# Welcome page with Menu



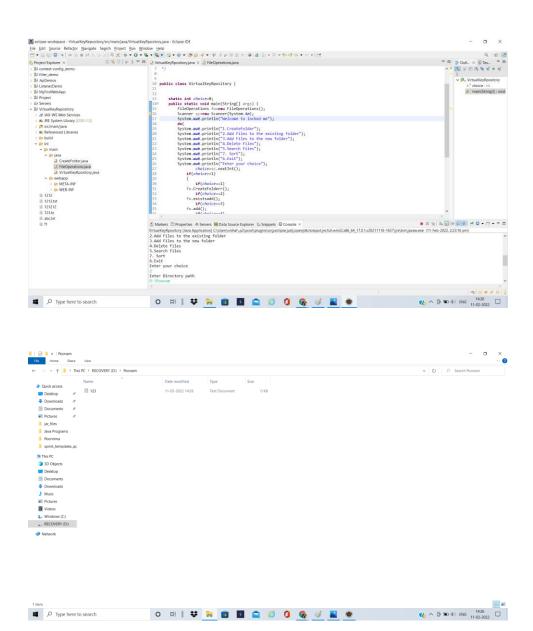
#### **Folder Creation**

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| Section | Company | Comp
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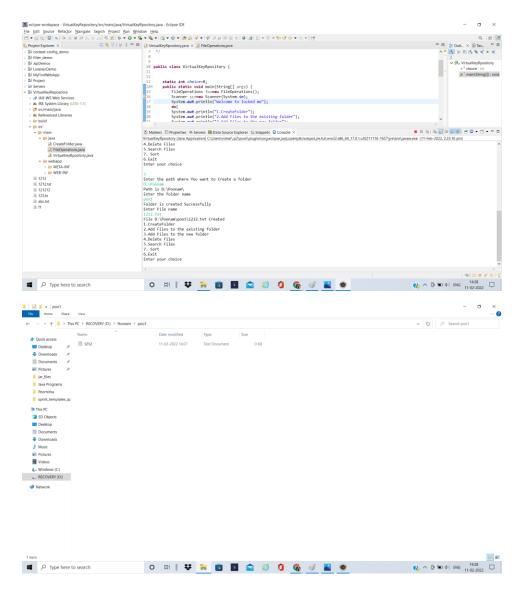
# Folder created successfully



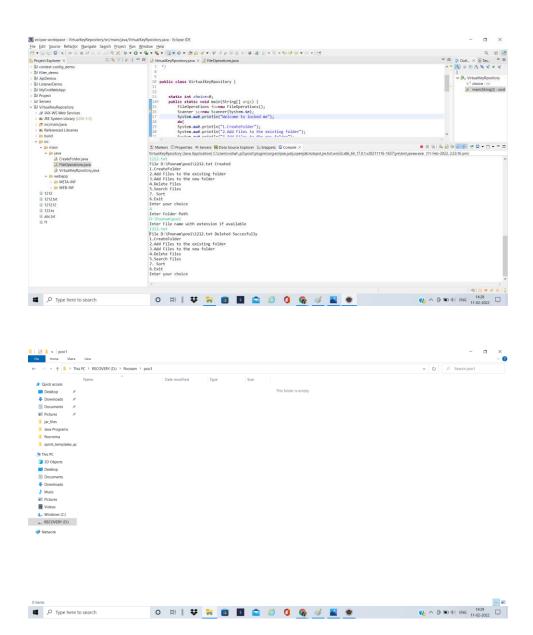
File Creation to the existing folder



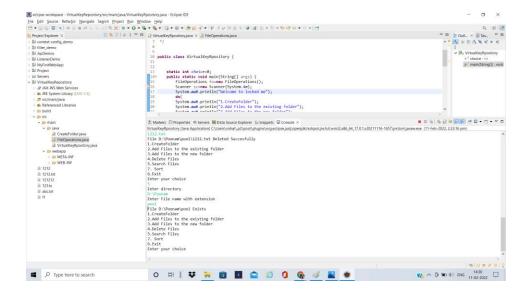
File Creation to new folder



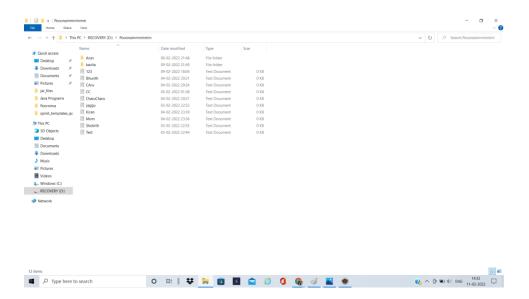
### **Deletion of files**



### **Search of files**

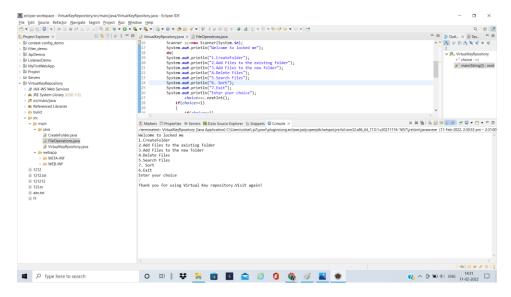


#### **Sorting of file**



```
| Secretary | Control | Co
```

### **Existing the application**



## **Conclusions**

Any future enhancements will be done based on user requirements