

PROJECT DETAILS:-

PROJECT NAME: LockedMe.com

PROJECT DESCRIPTION: A file management system that permits users to create a file directory and do operations like - add, search, delete and retrieve the files

PROJECT MANAGER: Learner Success Manager

DEVELOPER: NECIKA P

DEVELOPER DETAILS

NAME : Necika P

ROLE : Full Stack Developer

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SPRINTS:

SPRINT - 01

TASKS	MON	TUE	WED	THUR	FRI
Create a git hub account and set up a git repository to upload the project	Done				
Understand the requirements and necessities of the project		Done			
Create use cases and flow chart for the project and download the necessary applications			Done		
Design a proper base for the application				In progress	Done

SPRINT - 02

TASKS	MON	TUE	WED	THUR	FRI
Create a skeleton of the interface for the application and identify the function to be used	In progress	Done			
Implement the method to create a directory for the file			Done		
Implement the file retrieval feature to retrieve files				Done	
Create the function to add the files to the folder along with the content					Done

SPRINT - 03

TASKS	MON	TUE	WED	THUR	FRI
Create the functions to delete and search for the particular file	In progress	Done			
Create a system to choose all the option along with the exit option			Done		
Test and validate the application (according to requirements).				Done	
Rectify the error which was present while testing					Done

ALGORITHMS:-

When the application is launched, the user is presented with the main menu, which has the following options with the project and developer details :

1.Retrieve all file names in ascending order

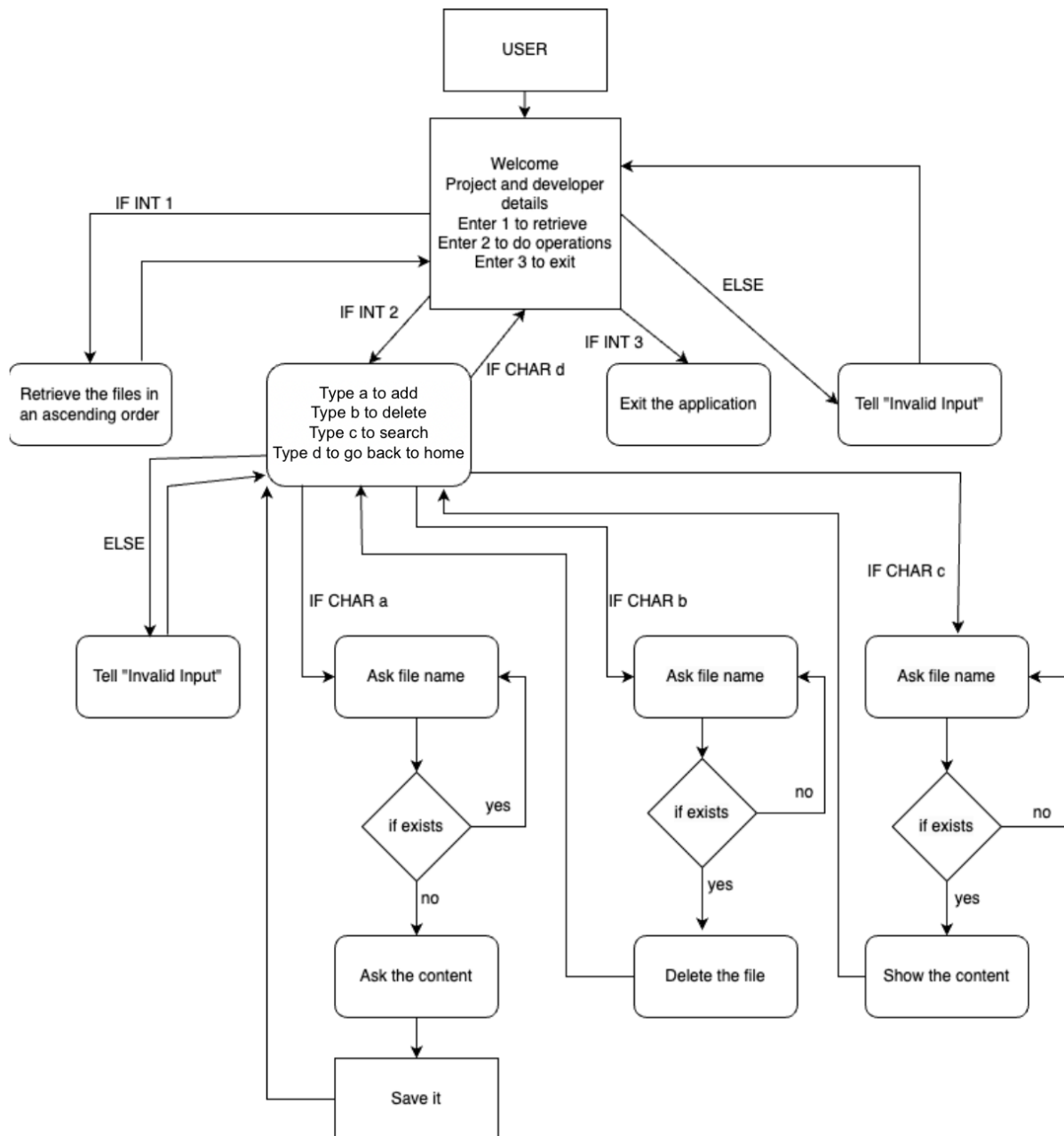
2.Business-level operations:

- Add a user-specified file to the application
- Delete a user-specified file from the application
- Let the user search the application they desire.
- Return to main menu

3. Close the application

- If the user selects the option to retrieve all file names in ascending order, the application displays a list of all file names in ascending order.
- If the user selects any of the business-level operations, they are prompted to enter the file name or provide other necessary information.
- If the user chooses to add a file, the application adds the file to the directory and confirms the operation.
- If the user chooses to delete a file, the application removes the file from the directory and confirms the operation.
- If the user chooses to search for a file, the application searches for the file in the directory and displays the result if found, or informs the user that the file does not exist.
- If the user chooses to return to the main menu, the application returns to the main menu.
- If the user chooses to close the application, the application exits.

FLOWCHART



CORE CONCEPTS

- Class and objects
- Exception Handling
- Collections(Array List)
- Switch Statements
- Conditional Loops

GIT HUB REPOSITORY LINK

https://github.com/nec2611/simplilearn_assignment/tree/main/Assignments/Final_Project

CONCLUSION

To enhance the application's security, a secure login system can be integrated to ensure only authorised users have access to the files. While the current search functionality is basic, more advanced search options could be added. For example, users could search for files by size, creation date, or last modification date. Adding integration with cloud storage platforms such as Google Drive or Dropbox can enable users to store files online and access them from any device. Users could share files with each other by sending a link via email or social media