

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 abd retrieve the files

Project manager: Learner Success Manager

Developer: GOMATHI G

DEVELOPER DETAILS

Name : Gomathi G

Role : Full Stack Developer

Contact Information : 9787731402 and gomathi.ganesan@zaggle.in

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

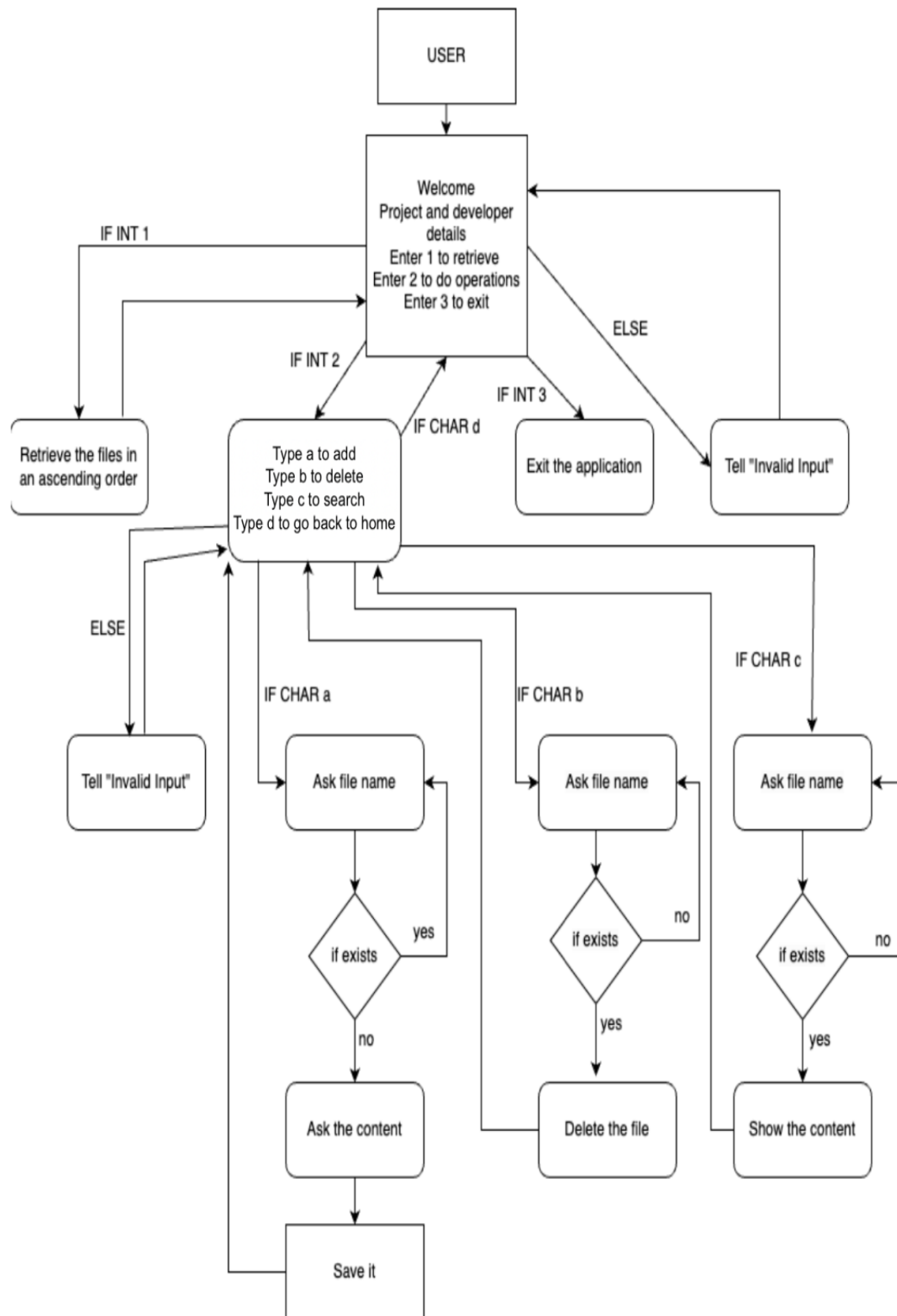
2.Business-level operations:

- 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
- 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 result if found, or informs 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(ArrayList)
- SwitchStatements
- ConditionalLoops

GIT HUB REPOSITORY LINK

https://github.com/GomathiGanesan18/Simplilearn_Assignments/upload/main/Assignments/Final%20Project

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