**PROJECT 1:**

**Documentation of Project**

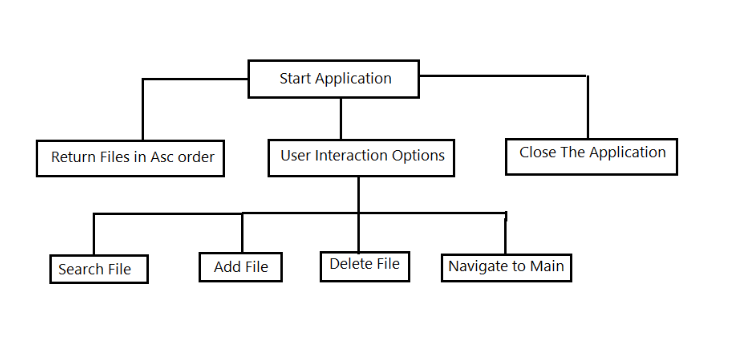
**Sprint Plan:** No of Sprint-1, Duration-21days.

1). Prepare a flow chart of the application and core concept, algorithm. Prepare separate git repository and update each and every work.

2). Create prototype application in Java (Add file, Delete File, Search File and Navigate to main menu.)

3). Verify/Test application functionalities and update it in git.

**Flow of the Application:**



**Algorithm:**

1. Run the Application.
2. Select Options from the list which will Return existing files in Ascending order, User Interaction Option, Close the Application.
3. If select option 1 then it will return files in ascending order in the dedicated path.
4. Select option 3 to close the application.
5. Select option 2 for user interaction options where we can add new file, delete existing file, search file in dedicated path and navigate back to the main menu.
6. In Add File option we have to enter a file name with format (.txt,.doc,.) then it will create new file in dedicated path.

**Instruction for work on Application:**

1. Run the application.

2.After application starts enter option to perform the listed options.

3.If 1(List out the Files name in Ascending order) entered it will list out all file names in the allocated path.

4.If 2(User Interaction Operations) entered it will list out all user interaction option like add file, delete file, search file and navigate to main option.

5.If 3(Close the application) option to exit from the application.

6.In User Interaction Operations if we enter ‘a’(Add file option) it will ask to enter a file name with format.

7.After enter the file name it Create new file and return success message if file already exist it will return a message file already exists.

8.If we enter ‘b’(Delete file option) it will ask to enter a file name with format.

9.After entering the file name it will delete file and return a success message if file not found it will return a message “file not found”.

10.If entered ‘c’(Search file option) it will ask to enter a file name with format.

11.After entering the file name it search a file with the path and return success message or else it will return a message “file not found”.

12.Option ‘d’ for navigate to the main page.