PROJECT: LOCKEDME.COM APPLICATION

DEVELOPER DETAILS:

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GITHUB:

ALIFAVICTOR

PROJECT SPECIFICATION DOCUMENT.

1.SPRINTS PLANNED FOR THE PROJECT.

The duration of the sprint was for 15days and the sprint is presented in the table below.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No of Sprint | Days | Task Planned | Start date | End Date | Detailed Action | Status |
| 1 | 5 | Analysis | 05/1/23 | 10/1/23 | 05/1/23-I started doing the analysis of the project  06/1/23-I analyzed what was expected from the application and the task it was meant to perform.  07/1/23-10/1/23  Analysis was completed | Completed. |
|  | 5 | Wriing the code | 11/1/23 | 16/1/23 | 11/1/23- I started with writing the code for the arrangement of the files in ascending order.  12/1/23-I started writing the code for the creation or adding of a file to the directory.  13/1/23- Is tarted writing the code for the deletion a a file from the local directory.  14/1/23- I started writing the nested switch inside a while loop and completed the whole code . | completed |
|  | 3 | Testing the application | 16/1/23 | 19/1/23 | 16/1/23-I started testing the application on my IDE  17-1-23-19/1/23 Testing was completed. | Completed |
|  | 2 | Documentation | 20/1/23 | 21/1/23 | 20/1/23- 21/1/23 I started the documentation process of the application and it was completed. | Completed |

ALGORITHM

* The process involves the use of a nested switch inside a while loop structure in the program.
* The main menu is created which gives an idea of how the switch structure operates.
* The while true structure is created and the outer switch is opened inside it .
* The first case of the outer switch structure is used to arrange all the files in ascending order after which a break is used to stop it.
* The inner switch is opened inside case 2 and the following operations are carried out in it.
* Case 1:” Files added” operation
* Case 2: “Files deleted operation”
* Case 3: “files searched” operation.
* Case 4: return or break is used to exit the inner switch.
* The third case is used to close the entire program with system.exit;
* CONCEPTS USED.
* The following concepts were used
* Abstraction: Class and objects
* Miscellaneous java concepts were also used
* Exceptions were used for error handling.
* A nested switch and a while true structure was also used

GITHUB LINKS CREATED.

https://github.com/AlifaVictor/LockedMeProject.git

CONCLUSION

The LockedMe.com application is one which would be helpful to the company as it would make user interactions with the company seamless and easy.

The unique selling features of this application are :

* It makes it easy for files to be arranged in ascending order.
* It also makes it easy to add,delete and search for a particular file.