

Project Statement

Monday, June 1, 2020 9:26 PM

Java Desktop Application

Problem Statement

1. Create an application **Task Manager**
2. A Task Manager will be a desktop application to manage your Task (ToDos)
3. User should be able to save their task in a task file protected by password
4. Application should allow you to create **Projects**

Project

A project is a file containing all the task related to a given user

5. Project is a single file to hold all task associated with the user
 - a. Project can be saved or loaded
6. Project should have a password
 - a. The password should be verified while loading the file
7. Project should have a collection to Task
8. A Project should have option to
 - a. Auto save
 - b. Manual Save
 - i. Should ask for saving while closing

Task

A Task should have following info

9. Task Title
10. Description
11. Priority
12. Status [Pending, Started, Completed, Cancelled]
13. Image
14. Expected Start Date
15. Expected Finish Date
16. Actual Finish Date
17. Collection of Sub Task (with same details as above)
18. Collection of Notes
 - a. Each note should have some text
 - b. Each note should have a date
19. Allow basic CRUD of Tasks, Subtasks and Notes

UI

- Project create/load/save option
 - Load should ask for password
 - Auto save should auto save the file
- Task Creation Screen
- Task List Screen (Tree Form)
- Task Delete Option (context menu in tree)
- Search Screen
- Task Edit Screen