User Stories

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| **User Story 1:**  Welcome Screen with Project Name and Developer details | | | | | | | | | | | | | | | | | | | |
| Tasks | Estimated Time | | | | | | | | | | Story Points | | | | | | | | |
| Design and implement a user friendly ,  Welcome message with the project name and the developer details. Make the appearance clean and keep details precise. | 1 hour | | | | | | | | | | 3 | | | | | | | | |
| **User Story 2:**  Make a Menu option for user to select with the following options.   * Option to retrieve existing files in the ascending order * Option to display menu to perform more file operations. * Option to close the application | | | | | | | | | | | | | | | | | | | |
| Tasks | | Estimated Time | | | | | | | | | | Story Points | | | | | | | |
| Design and implement menu with the following options for user selection   1. Retrieve files in ascending order 2. Select to see more operations to perform 3. Close the application | | 1 hr | | | | | | | | | | 3pts | | | | | | | |
| **User Story 3:**  Implement a function for the option Retrieve the files in ascending order | | | | | | | | | | | | | | | | | | | |
| Tasks | | | Estimated Time | | | | | | | | | | | Story Points | | | | | |
| 1. Create a LockedMe Class 2. Instantiate an object for the class 3. Create an object for the File class 4. Create a variable path to save the absolute path to the root directory 5. Using file.getName() method retrieve all the files in the ascending order from the directory. | | | 3 hours | | | | | | | | | | | | | | 5 pts | | |
| **User Story 4:**  If option 2 selected from main menu, display more options to perform the operations. | | | | | | | | | | | | | | | | | | | |
| Tasks | | | | Estimated Time | | | | | | | | Story Points | | | | | | | |
| Design and implement the following options menu to select more operations.   * Add a file * Delete File * Search for a file * Navigate to main context | | | | 1 hour | | | | | | | | 5 pts | | | | | | | |
| **User Story 5:**  Implement Add file | | | | | | | | | | | | | | | | | | | |
| Tasks | | | | | Estimated Time | | | | | | | | Story Points | | | | | | |
| * Create a class to keep FileOperations to keep all the add, delete, search and navigate to main context opertions in an separate class. * Create a addFile() function * Ask for user input (file name) to add using Scanner class. * Check whether user enter valid input * If the file under the user enter name already exists, display message to user saying “File in that name exists already, give different name” * If file name doesn’t exist, add the file and display message file added. | | | | | 3 hours | | | | | | | | 8 points | | | | | | |
| **User Story 6:**  Implement delete file operation. | | | | | | | | | | | | | | |  | | | | |
| Tasks | | | | | | | Estimated Time | | | | | | | | Story Points | | | | |
| * Create a deleteFile() function * Ask for user input (file name) to delete using Scanner class. * Check whether user enter valid input * If the file under the user entered name already exists, delete the file and display message “the file deleted successfully”. * If the file name doesn’t exist, display “no such file exists, delete operation failed!” | | | | | | | 3 hrs | | | | | | | | 8 points | | | | |
| **User Story 7:**  Implement Search file operation | | | | | | | | | | | | | | | | | | | |
| Tasks | | | | | | Estimated Time | | | | | | | | | Story Points | | | | |
| * Create a searchFile() function * Ask for user input (file name) to search using Scanner class. * Check whether user enter valid input * If the file under the user entered name exists, display message “File found”. * If the file name doesn’t exist, display “File Not found” | | | | | | 3hrs | | | | | | | | | 8 points | | | | |
| **User Story 8:**  Implement code to Navigate to the main context | | | | | | | | | | | | | | | | | | | |
| Tasks | | | | | Estimated Time | | | | | | | | | | | Story Points | | | |
| Write code to allow user navigate to the main menu by calling *optionsDisplay*() from the Locked me class. | | | | | | | | 1 hr | | | | | | | | | | 5 points | |
| **User Story 9:**  In the main menu implement the option 3- Close the application | | | | | | | | | | | | | | | | | | | |
| Tasks | | | | | | | | | Estimated Time | | | | | | | | | Story Points | |
| Implement the code to close the application  System.exit(0) | | | | | | | | | 1 hr | | | | | | | | | 3 points | |
| **User Story 10:**  Set up github and push the code to github repository. | | | | | | | | | | | | | | | | | | | |
| Tasks | | | | | | | | | | Estimated Time | | | | | | | | | Story Points |
| Set up a github account and push the code to the repository and share the link. | | | | | | | | | | 1 hr | | | | | | | | | 5 points |