

## Developer Details

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## Software Details

- 1) At the first-time use
  - a. A welcome message is displayed
  - b. Username and Password is accepted
  - c. New folder VK is created
  - d. Two files, Username entered and a base file "User.db.txt" is created
  - e. User.db.txt will be used to save all user's username, password and type of user
  - f. User can be of Two types:
    - i. Admin
      - Can add a user
      - Delete a User
      - Modify a user's password/ Type
    - ii. User
      - Can add application details in the file created for logged in user
      - Can delete application details
      - Can modify an application's details.
- 2) On second time login
  - a. A welcome back message is displayed, with option to login or register
    - i. At login: depending on type of user menu to update user details/app details is displayed and functions as mentioned above are made available.
    - ii. Register: the user is added as a "User" type and can manipulate application details in logged in user file.

Add/Delete/Modify and search of files is done through the Admin user by user manipulation details as on any change in file system should be updated in user.db.txt too.

## Software Requirements

- 1) Windows o/s
- 2) C:\ drive should be available

Sprint 1 – Duration 2 weeks

- 1) As a new user,  
I want to register user as a first time use of Application  
To be able to login to system

Acceptance criteria

- 1) To be able to enter username
- 2) To be able to enter password
- 3) New Directory "VK" and a user.db.txt file is created
- 4) User.db.txt saves the "Admin" user details
- 5) User.db.txt saves the "username" entered as "User" details
- 6) New file Username.txt is created in the "VK" folder

- 2) As an admin user  
User management options should be made available  
I want to be able to view the options to manage user details

Acceptance criteria

- 1) Able to login with "Admin" user
- 2) Option menu to Add, view, change and delete user will be visible

- 3) As an admin user  
I want to add a new user  
To enable user to use the Application for site details storage

Acceptance criteria

- 1) Able to select add option
- 2) Able to enter username
- 3) Able to enter user password
- 4) New user of type "User" is created
- 5) New file with username.txt is created for future use in "VK" directory

- 4) As an admin user  
I want to View a user  
To verify and check the details of the current users with access to Application

Acceptance criteria

- 1) Able to select View option
- 2) List of all users, their passwords and user type is visible

- 5) As an admin user  
I want to Delete a user  
To remove the user's access from the Application.

Acceptance criteria

- 1) Able to select delete option
- 2) Able to enter the username
- 3) The user detail will be removed from user.db.txt file
- 4) The user.txt file will be deleted from "VK" directory

Sprint 2 – Duration 2 weeks

- 6) As an admin user  
I want to change a user's password  
To reset the password for a user.

Acceptance criteria

- 1) Able to select change option
- 2) Able to enter the username
- 3) The user password will be changed in user.db.txt file

- 7) As an admin user  
I want to select a different option after an action  
To view user after addition of user.

Acceptance criteria

- 1) Option to continue or exit will be available after an action
- 2) Selection of continue will display the previous menu again
- 4) Selection of new option will enable new action

- 8) As an admin user  
I want to exit the Application  
To gracefully close the Application.

Acceptance criteria

- 1) Option to continue or exit will be available after an action
- 2) Selection of exit will close Application

Sprint 3 – Duration 2 weeks

- 9) As an application user  
I want to register into the Application  
To enable access to the Application.

Acceptance criteria

- 1) Able to select register option.
- 2) Able to enter username
- 3) Able to enter user password
- 4) New user of type "User" is created
- 5) New file with username.txt is created for future use in "VK" directory

- 10) As an application user  
I want to login into the Application  
To enable management of site details.

Acceptance criteria

- 1) Able to select login option.
- 2) Able to enter username
- 3) Able to enter user password
- 4) Welcome message and available maintenance options are displayed

- 11) As an application user  
Site details management options should be made available  
I want to be able to view the options to manage site details

Acceptance criteria

- 1) Option menu to Add, view, change and delete site details will be visible

- 12) As an application user  
I want to add a new site's detail  
To enable to save the site name user name and password for the site.

Acceptance criteria

- 1) Able to select add option
- 2) Able to enter site name.
- 3) Able to enter username
- 4) Able to enter user password
- 5) New Site details will be saved to user.txt file in "VK" directory

Sprint 4 – Duration 2 weeks

13) As an application user

I want to View all sites

To verify and check the details of the sites, user-ids and passwords saved in digital locker

Acceptance criteria

- 1) Able to select View option
- 2) List of all sites, their user ids, passwords is visible

14) As an application user

I want to Delete a site's detail

To remove an obsolete site from the Application.

Acceptance criteria

- 1) Able to select delete option
- 2) Able to enter the site name
- 3) The site detail will be removed from "user.txt" file in the "VK" directory

15) As an app user

I want to change a site's username, password

To reset the password for a user or change the username.

Acceptance criteria

- 1) Able to select change option
- 2) Able to enter the site name
- 3) Able to enter the username
- 4) Able to enter the password name
- 5) The username and password will be changed in user.txt file

16) As an application user

I want to select a different option after an action

To view site details after addition of site details.

Acceptance criteria

- 1) Option to continue or exit will be available after an action
- 2) Selection of continue will display the previous menu again
- 3) Selection of new option will enable new action

17) As an application user  
I want to exit the Application  
To gracefully close the Application.

Acceptance criteria

- 1) Option to continue or exit will be available after an action
- 2) Selection of exit will close Application

18) As a user  
I want to change the login  
To gracefully logout and login into the application.

Acceptance criteria

- 1) Option to change user will be visible
- 2) On selection application will display option to login / register
- 3) Able to select login
- 4) Able to enter user
- 5) Able to enter password

Concepts used to make the functional prototype is

Core Java

- 1) Loop and control statements
- 2) Arrays and collections
- 3) File IO system
- 4) Exceptions
- 5) Maven
- 6) GitHub
- 7) Eclipse

Github link:

<https://github.com/Shubrota/Phase1-Project>

Run->CMD

Move to the branch you want to clone the project in

>git clone <https://github.com/Shubrota/Phase1-Project>

Eclipse

Import project LockmeArt

Run `UserInterface.java` as java application