**Phase 1**

**Assessment**

**SANDEEP KUMAR JAKKARAJU**

**Project: Document Management System**

**Client: Company Lockers Pvt Ltd.**

**Technical Lead: J S SANDEEP KUMAR**

**Scrum Master: J S SANDEEP KUMAR**

**Project Requirement Specifications:**

Below are project requirements in plain text provided by the client. We will convert them into use-cases and depict them using UML diagrams.

* Code to display the welcome screen. It should display:
  + Application name and the developer details
  + The details of the user interface such as options displaying the user interaction information
  + Features to accept the user input to select one of the options listed
* The first option should return the current file names in ascending order. The root directory can be either empty or contain few files or folders in it
* The second option should return the details of the user interface such as options displaying the following:
  + Add a file to the existing directory list
    - You can ignore the case sensitivity of the file names
  + Delete a user specified file from the existing directory list
    - You can add the case sensitivity on the file name in order to ensure that the right file is deleted from the directory list
    - Return a message if FNF (File not found)
  + Search a user specified file from the main directory
    - You can add the case sensitivity on the file name to retrieve the correct file
    - Display the result upon successful operation

**USE CASES**

Use case 1: Display welcome screen to the user.

Use case 2: Return current file names in the system for first option

Use case 3: Display UI options to the user on second option on welcome screen

Use case 4: First UI option 1 to add file in the system

Use case 5: Delete the exiting file from the list of files

Use case 6: Search for a specific file in the system using name of the file.

Diagram

Description automatically generated

Diagram

Description automatically generated

Diagram

Description automatically generated

Diagram

Description automatically generated

Diagram

Description automatically generated

Diagram

Description automatically generated

Diagram

Description automatically generated

**Sprint Planning**

PRODUCT OWNER: SANDEEP KUMAR JAKKARAJU

DEVELOPER: SANDEEP KUMAR JAKKARAJU

SCRUM MASTER: SANDEEP KUMAR JAKKARAJU

We will have a 3-week sprint as suggested. Which consists of 15 working days.

Week 1:

We will work on the user stories 1,2,3.

Week 2:

We will work on the user 4, 5, 6.

Week 3:

Manual testing of the entire application and QA signoff.

**GIT REPOSITORY**

Code Repository for the project is below:

<https://github.com/sandycaltechpgp/phase1project>

It has readme file and project files.

**Java Collections and Algorithms:**

All the files are stored in the inventory which a simple ArrayList of Documents.

The search is based on the linear search in the Arraylist which ignores case.

Screen Shots

Main Menu

Graphical user interface, text, application

Description automatically generated

Main Menu Option 1

Graphical user interface, text, application

Description automatically generated

Sub Menu Graphical user interface, text, application

Description automatically generated