

Phase 1

Assessment

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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.

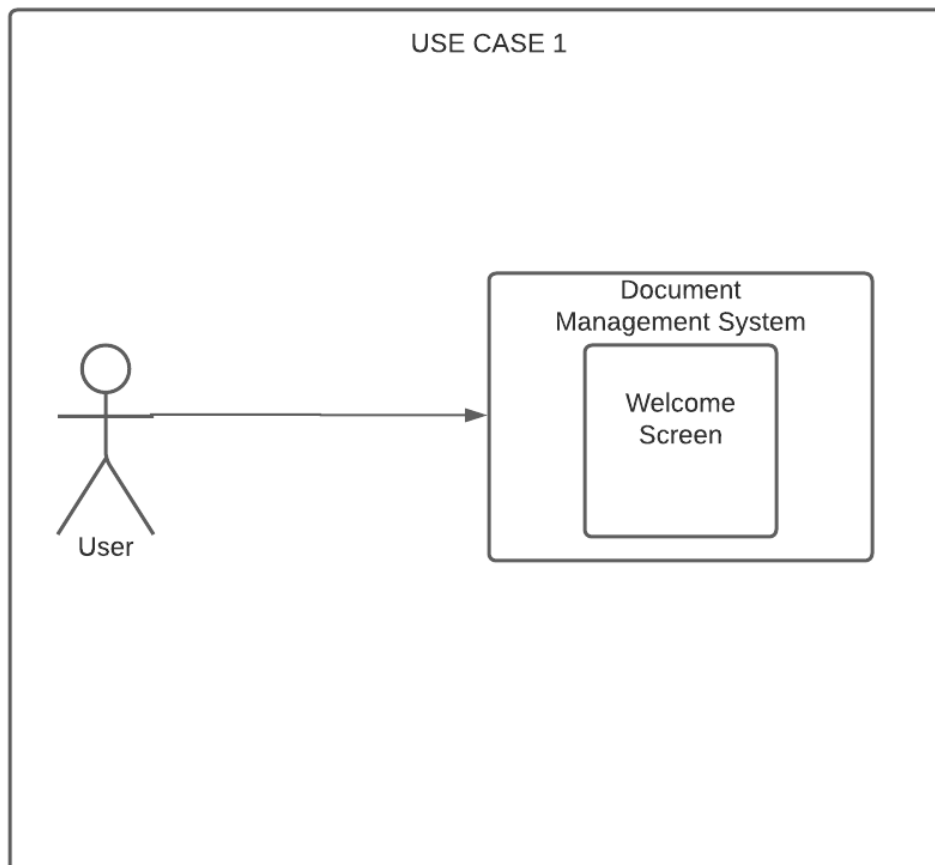
Use case 2: Return current file names in the system for first option

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

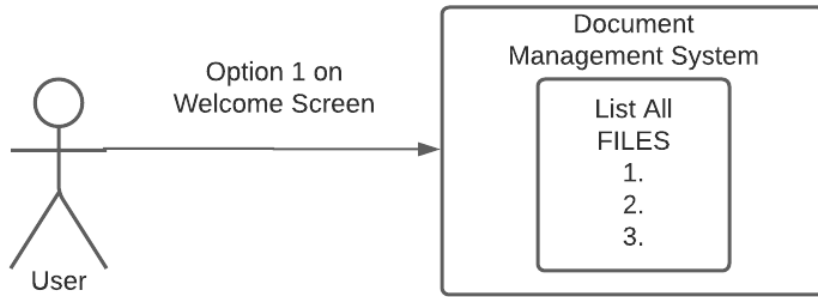
Use case 4: First UI option 1 to add file in the system

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

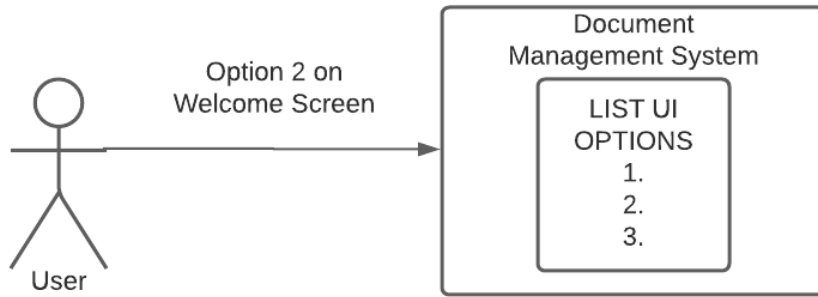
Use case 6: Search for a specific file in the system using name of the file.



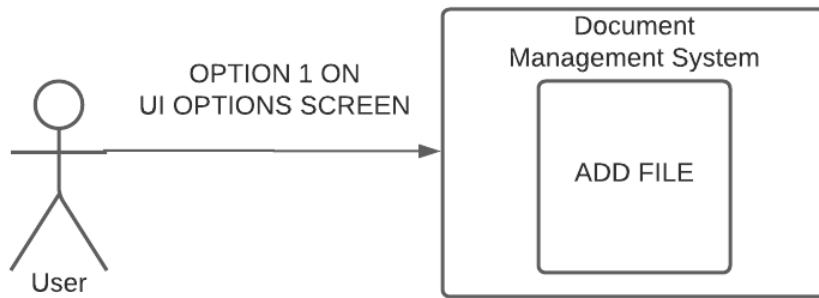
USE CASE 2



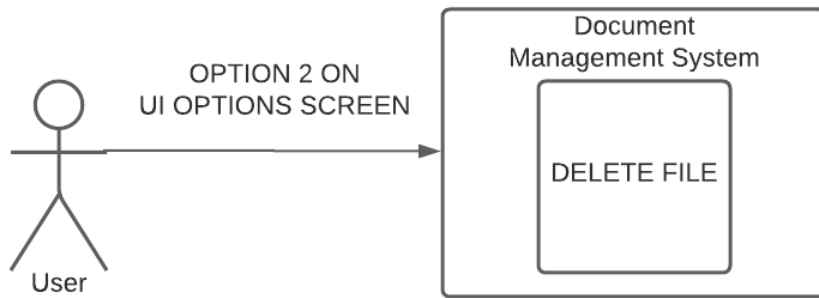
USE CASE 3



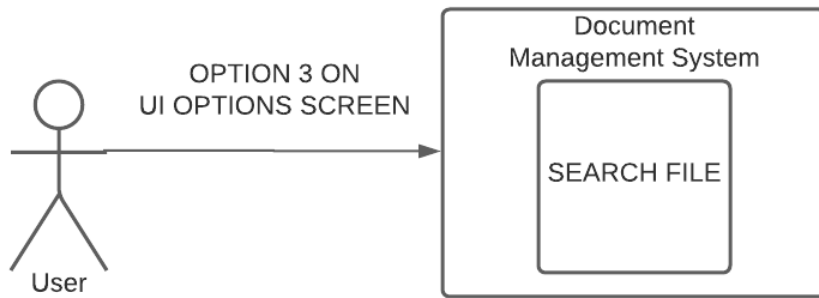
USE CASE 4

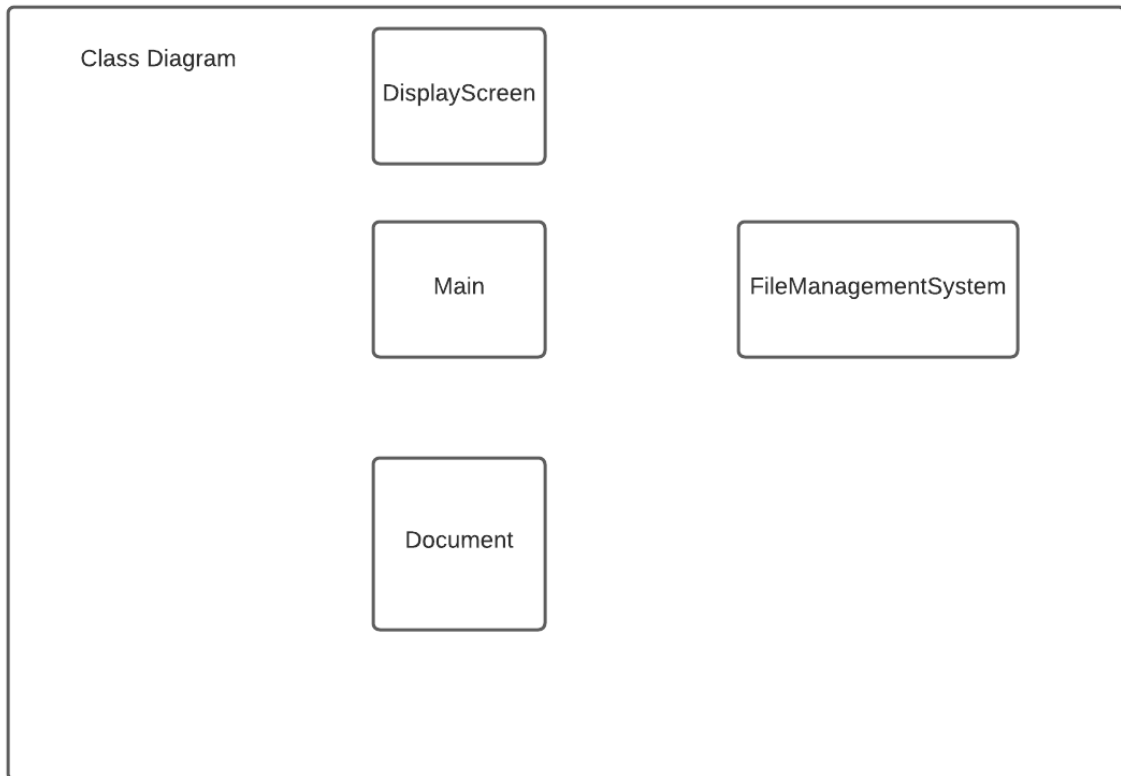


USE CASE 5



USE CASE 6





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

A screenshot of a Java application window titled "/Library/Java/JavaVirtualMachines/jdk1.8.0_231.jdk/Contents/Home/bin/java ...". The application displays a menu for the "DOCUMENTS MANAGEMENT SYSTEM". The menu options are: "MAIN MENU", "OPTION 1: DISPLAY ALL FILE", "OPTION 2: DISPLAY OPTIONS", and "OPTION 3: EXIT MAIN MENU". Below the options, it prompts for "INPUT :". The input field is empty, and the prompt is followed by a line of asterisks.

```
/Library/Java/JavaVirtualMachines/jdk1.8.0_231.jdk/Contents/Home/bin/java ...
#####
DOCUMENTS MANAGEMENT SYSTEM
MAIN MENU
OPTION 1: DISPLAY ALL FILE
OPTION 2: DISPLAY OPTIONS
OPTION 3: EXIT MAIN MENU
INPUT :
#####
```

Main Menu Option 1

A screenshot of the same Java application window, but now showing the output of selecting "OPTION 1: DISPLAY ALL FILE". The application displays "No Files To Display". Below this, it shows the menu options again, prompting for "INPUT :". The input field contains the number "1".

```
/Library/Java/JavaVirtualMachines/jdk1.8.0_231.jdk/Contents/Home/bin/java ...
#####
DOCUMENTS MANAGEMENT SYSTEM
MAIN MENU
OPTION 1: DISPLAY ALL FILE
OPTION 2: DISPLAY OPTIONS
OPTION 3: EXIT MAIN MENU
INPUT :
#####
1
No Files To Display
#####
DOCUMENTS MANAGEMENT SYSTEM
MAIN MENU
OPTION 1: DISPLAY ALL FILE
OPTION 2: DISPLAY OPTIONS
OPTION 3: EXIT MAIN MENU
INPUT :
#####
```

Sub Menu

```
#####
DOCUMENTS MANAGEMENT SYSTEM
MAIN MENU
OPTION 1: DISPLAY ALL FILE
OPTION 2: DISPLAY OPTIONS
OPTION 3: EXIT MAIN MENU
INPUT :
#####
1

No Files To Display

#####
DOCUMENTS MANAGEMENT SYSTEM
MAIN MENU
OPTION 1: DISPLAY ALL FILE
OPTION 2: DISPLAY OPTIONS
OPTION 3: EXIT MAIN MENU
INPUT :
#####
2
#####
DOCUMENT MANAGMENT SYSYTEM SUB MENU OPTIONS :
1: ADD A FILE
2: DELETE A FILE
3. SEARCH A FILE
4. EXIT TO MAIN MENU
INPUT :
#####
|
```