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| LockedMe.Com  (Sprint Work & Project Specification) |

Version History

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| Author | Solanki Mayur BharatBhai |
| Purpose | Screenshot of the Application |
| Date | 14th Aug 2021 |
| Version | 1.0 |

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# 1. Modules in the project

1. Display All Files
2. Add File
3. Delete File
4. Search File
5. Exit

# 2. Sprint Wise Work

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| Sprint Number | Modules |
| 1 | Display All Files  Add new File |
| 2 | Delete File  Search File  Testing  Deployment (Creating a Jar file) |

# 3. Project GITHUB Link:

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| Repository Name |
| SL\_FSD\_PHASE1\_Project |
| GITHUB Link |
| <https://github.com/mursky66/SL_FSD_PHASE1_Project> |

# 4. Project Code

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| Folder Structure |
| C:\Users\Maur\Downloads\FoldwerStructure.jpg |
| FileManager.java |
| package com.lockedme;  import java.io.File;  import java.io.FileWriter;  import java.util.ArrayList;  import java.util.List;  public class FileManager  {  /\*\*  \* This method will return the file names from the folder  \* @param folderpath  \* @return List<String>  \*/  public static List<String> getAllFiles(String folderpath)  {  //Creatinf File Object  File fl = new File(folderpath);    //Getting all the files into fileArray  File[] listOfFiles = fl.listFiles();    //Declare list to store file name  List<String> fileNames = new ArrayList<String>();    for(File f:listOfFiles)  fileNames.add(f.getName());    //return the list  return fileNames;  }    /\*\*  \* This method will create or append contend into the file specified  \* @param folderpath  \* @param filename  \* @param content  \* @return boolean  \*/  public static boolean createFiles(String folderpath,String filename, List<String> content)  {  try  {  File fl = new File(folderpath,filename);  FileWriter fw = new FileWriter(fl);  for(String s: content)  {  fw.write(s+ "\n");  }  fw.close();  return true;  }  catch(Exception Ex)  {  return false;  }  }      /\*\*  \* This method will delete file name if it exists.  \* @param folderpath  \* @param fileName  \* @return  \*/  public static boolean deleteFile(String folderpath, String fileName)  {  //adding folderpath with file name and creating file object  File file = new File(folderpath+"\\"+fileName);    try  {  if(file.delete())  return true;  else  return false;  }  catch(Exception Ex)  {  return false;  }  }    /\*\*  \* This method will searchh file from the folder  \* @param folderpath  \* @param fileName  \* @return  \*/  public static boolean searchFile(String folderpath, String fileName)  {  //adding folderpath with file name and creating file object  File file = new File(folderpath+"\\"+fileName);  if(file.exists())  return true;  else  return false;  }  } |

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| LockedMeProject.java |
| package com.lockedme;  import java.util.ArrayList;  import java.util.List;  import java.util.Scanner;  public class LockedMeProject  {  static final String folderpath="G:\\Lerning\\SL Mattirial\\Course-2\\Project work self\\LockedMeFiles";  public static void main(String[] args)  {  int proceed=1;    do  {    //Variable Declaration  Scanner obj = new Scanner(System.in);  int ch;    //Menu  displayMenu();  System.out.println("Enetr your choice:");  ch=Integer.parseInt(obj.nextLine());      switch(ch)  {  case 1 : getAllFiles();  break;  case 2 : createFiles();  break;  case 3 : deleteFiles();  break;  case 4 : searchFiles();  break;  case 5 : System.exit(0);  break;  default : System.out.println("Invalid Option");  }      }while(proceed>0);  }    public static void displayMenu()  {  System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  System.out.println("\t\t\tComapany Lockers Pvt. Ltd.");  System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  System.out.println("1. Display All files");  System.out.println("2. Add new file");  System.out.println("3. Delete a file");  System.out.println("4. Search a file");  System.out.println("5. Exit");  System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");    }  /\*\*  \* This is GetAll files method  \*/  public static void getAllFiles()  {  //Get File names  List<String> fileNames = FileManager.getAllFiles(folderpath);  for(String f:fileNames)  System.out.println(f);  }  /\*\*  \* This is Creating files method  \*/  public static void createFiles()  {  Scanner obj = new Scanner(System.in);  String fileName;  int lineCount;  List<String> content = new ArrayList<String>();    //Read file name from user  System.out.println("Enter File Name :");  fileName=obj.nextLine();    //Read number of line from user  System.out.println("Enter how many line in the file:");  lineCount=Integer.parseInt(obj.nextLine());    //Read Lines from user  for(int i=1;i<=lineCount;i++)  {  System.out.println("Enter line "+i+":");  content.add(obj.nextLine());  }    //Save the content into the file  boolean isSaved = FileManager.createFiles(folderpath, fileName, content);    if(isSaved)  System.out.println("File and data saved succesufull");  else  System.out.println("Some error occured. please contact admin@mayur.com");    }  /\*\*  \* This is delete file method  \*/  public static void deleteFiles()  {  //Code for deleting file  String fileName;  Scanner obj = new Scanner(System.in);    //Read file name from user  System.out.println("Enter file name to be deleted:");  fileName=obj.nextLine();    //Delete the file  boolean isDeleted = FileManager.deleteFile(folderpath, fileName);    if(isDeleted)  System.out.println("File deleted successfully");  else  System.out.println("Either file not there or some access issue");  }  /\*\*  \* This is search file method  \*/  public static void searchFiles()  {  String fileName;  Scanner obj = new Scanner(System.in);    //Read file name from user  System.out.println("Enter file name to be searched:");  fileName=obj.nextLine();    //Search the file  boolean isFound = FileManager.searchFile(folderpath, fileName);    if(isFound)  System.out.println("File is present");  else  System.out.println("File is not present");  }  } |