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| LockedMe.com Project Submission  By  Vignesh Maharjana |

Date of Submission: 25th April 2022 // Monday

Source GIT Location: <https://github.com/rajvignesh-developer/FullStackJavaDevelopment/tree/main/CompanyLockersPhase1Project>

Ref: LockedMe Folder

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| **LockedMe.com project Source Code** |
| **package** com.company.lockers;  **import** java.io.File;  **import** java.io.FileWriter;  **import** java.util.LinkedList;  **import** java.util.Scanner;  **public** **class** LockedMe  {    **static** **final** String ***projectPath***="D:\\FullStackJavaDevelopment\\CompanyLockersPhase1Project\\Files";  **public** **static** **void** main(String[] args)  {  // **TODO** Auto-generated method stub  Scanner obj = **new** Scanner(System.***in***);  **int** ch;    **do**  {  *displayMenu*();  System.***out***.println("Enter your option:");  ch=Integer.*parseInt*(obj.nextLine());    **switch**(ch)  {  **case** 1:*displayallfiles*();  **break**;  **case** 2:*addanewfile*();  **break**;  **case** 3:*deleteafile*();  **break**;  **case** 4:*searchafile*();  **break**;  **case** 5:System.*exit*(0);  **break**;  **default** :System.***out***.println("Invalid Option");  **break**;  }  //obj.next();  }  **while**(ch>0);  }    **public** **static** **void** displayMenu()  {  System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  System.***out***.println("Welcome to Company Locker pvt Ltd. - LockedMe.com");  System.***out***.println("Developer: Vignesh Maharajan");  System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  System.***out***.println("\t1. Display All Files");  System.***out***.println("\t2. Add a new File");  System.***out***.println("\t3. Delete a File");  System.***out***.println("\t4. Search a File");  System.***out***.println("\t5. Exit.");    }    **public** **static** **void** displayallfiles()  {  //File[] listofFiles = new File(projectPath).listFiles();  File folder = **new** File(***projectPath***);  File[] listofFiles = folder.listFiles();    **if** (listofFiles.length==0)  System.***out***.println("No Files in Directory");  **else** {  **for**(**var** l:listofFiles)  {  System.***out***.println(l.getName());  }  }    }    **public** **static** **void** addanewfile()  {  Scanner obj = **new** Scanner(System.***in***);  **try**  {  String filename;  **int** linecount;    System.***out***.println("Enter the File Name:");  filename=obj.nextLine();    System.***out***.println("Number of Lines to Add:");  linecount=Integer.*parseInt*(obj.nextLine());    FileWriter fw = **new** FileWriter(***projectPath***+"\\"+filename);    System.***out***.println("Enter File Content:");  **for**(**int** i=1;i<=linecount;i++)  {  fw.write(obj.nextLine()+"\n");  }  System.***out***.println("File Created Sucessfully.");  fw.close();  }  **catch**(Exception ex)  {  System.***out***.println("Invalid Entry.");  }  //obj.close();  }    **public** **static** **void** deleteafile()  {  Scanner obj = **new** Scanner(System.***in***);  **try**  {  String fileName;    System.***out***.println("Enter the File Name to Delete:");  fileName=obj.nextLine();    File f1 = **new** File(***projectPath***+"\\"+fileName);    **if**(f1.exists())  {  f1.delete();  System.***out***.println("File is Deleted.");  }  **else**  {  System.***out***.println("File does not Exist.");  }  }  **catch**(Exception Ex)  {  System.***out***.println("Invalid Entry.");  }  //obj.close();  }    **public** **static** **void** searchafile()  {  Scanner obj = **new** Scanner(System.***in***);  **try**  {  /\*LinkedList<String> fileNames = new LinkedList<String>();    String fileName;    System.out.println("Ener the File Name to Search:");  fileName=obj.nextLine();  File[] listofFiles = new File(projectPath).listFiles();  for(File l:listofFiles)  {  fileNames.add(l.getName());  }  if(fileNames.contains(fileName))  System.out.println("File Is Avaliable.");  else  System.out.println("File is Not Available.");\*/    String fileName;    System.***out***.println("Enter the File Name to Search:");  fileName=obj.nextLine();    File f1 = **new** File(***projectPath***+"\\"+fileName);    **if**(f1.exists())  {  //f1.delete();  System.***out***.println("File is Availble.");  }  **else**  {  System.***out***.println("File does not Exist.");  }  }  **catch**(Exception Ex)  {  System.***out***.println("Invalid Entry.");  }  //obj.close();  }  } |
| **Screen Shots:** |
| 1. **Main Menu.** |
| 1. Display All Files. |
| 1. Add a New File. |
| 1. Delete a File. |
| 1. Search for a File. |
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