

# PHASE1 PROJECT WRITEUP

**PROJECT NAME** :Virtual key for your repositories

**PROJECT DESCRIPTION** : In this Project I developed a prototype of the application. In which it can display name and developer details. The details of the User Interface such as options displaying the User Interactions information and features to accept the user input to select one of the options that are listed

In this project it will display the welcome information and then ask for the user interaction as accessing files in the given folder, Display menu for the File Operations and exit the application.In Display menu options we can add, delete, search a file in the folder

To complete this project the following steps are to be used.

**STEP1** : Created a new project in Eclipse named VIRTUALKEY

**STEP2** : Created a class Named VirtualLockMain, where a Java Program is written for entry point of the application with different options they are

- Menu Options
- File Operations
- Handle Options

**STEP3** : Created a class named MenuOptions in which we developed welcome screen, Menu Options by using the following method:

1. Method to print the welcome screen containing the application name and developer details.
2. Method to give the list of options as a menu

**STEP4** : Created a class named Handle Options, in which the following methods are implemented:

1. Handling input selected by user in initial menu
2. Handling input selected by user in secondary Menu for File operations

**STEP5** : Created a class named File Operations, in which the following methods are implemented:

1. Method to create a folder if not exists in the given directory
2. Method to return the list of files that are available in the given folder
3. Method to create a file and add it o folder in the directory
4. Method to delete a file from the given directory

5. Method to search a file in the given directory