**WelcomeScreen**

**package** phase1Project.virtualkey.screens;

**import** phase1Project.virtualkey.services.DirectoryService;

**import** phase1Project.virtualkey.services.ScreenService;

**import** java.util.ArrayList;

**import** java.util.InputMismatchException;

**import** java.util.Scanner;

**public** **class** WelcomeScreen **implements** Screen {

**private** ArrayList<String> options = **new** ArrayList<>();

**public** WelcomeScreen() {

options.add("1. Show Files in the directory");

options.add("2. Show File Options Menu");

options.add("3. Quit");

}

**public** **void** introWS() {

System.***out***.println("Welcome to VirtualKey!");

System.***out***.println("Developer: Arjun V");

System.***out***.println("\n");

Show();

}

@Override

**public** **void** Show() {

System.***out***.println("Main Menu");

**for** (String s : options) {

System.***out***.println(s);

}

GetUserInput();

}

**public** **void** GetUserInput() {

**int** selectedOption = 0;

Scanner sc = **new** Scanner(System.***in***);

selectedOption = sc.nextInt();

**this**.NavigateOption(selectedOption);

}

@Override

**public** **void** NavigateOption(**int** selectedOption) {

**if**(selectedOption != 3) {

**switch**(selectedOption) {

**case** 1: // Show Files in Directory

**this**.ShowFiles();

System.***out***.print("\n");

**this**.Show();

**break**;

**case** 2: // Show File Options menu

ScreenService.*setCurrentScreen*(ScreenService.*FileOptionsScreen*);

ScreenService.*getCurrentScreen*().Show();

ScreenService.*getCurrentScreen*().GetUserInput();

System.***out***.print("\n");

**this**.Show();

**break**;

**default**: //Wrong input

System.***out***.println("Invalid Option. Please choose the correct option");

System.***out***.println("\n");

**this**.Show();

**break**;

}

}

**else** {

System.***out***.println("Closing your application... \nThank you!");

}

}

**public** **void** ShowFiles() {

//**TODO**: Get the files from the Directory

//Finished **TODO** Task

System.***out***.print("\n");

System.***out***.println("List of Files: ");

System.***out***.print("\n");

DirectoryService.*PrintFiles*();

}

}