ObtainRandomActivities Installation Manual

To install this software, follow these steps:

1.- You need to have installed on your computer the most recent version of **Eclipse IDE for Java Developers** depending on the Operating System in your computer (Windows, macOS or Linux).
You can download it at this link:
https://www.eclipse.org/downloads/packages/release/2024-06/r/eclipse-ide-java-developers

2.- Download from the **PhD_Thesis GitHub** repository in the **PhD_Thesis Software/Systems** location the ObtainRandomActivities folder.

3.- Copy into the eclipse-workspace directory present on your computer.
For example: /Users/f7/eclipse-workspace

4.- Inside the Eclipse IDE, import the existing Java Project by selecting this option: File>Import>General>Projects from Folder or Archive.

5.- Inside the ObtainRandomActivites Java project, locate the **src/main folder** and then locate **the RandomLinesFile.java** file.

6.- In this RandomLinesFile.java file you can execute it by selecting the option run as Java Application.

7.- This **RandomLinesFile.java**program requires as input a User in the Software System.
For the Human Resources Management Software System, these are the available users:
- Admin_HRM: System Administrator user
- Employee_HRM: Employee user
- Manager_HRM: Manager user

For the Open Hospital Software System, these are the available users:
- Admin_G_OH: System Administrator that includes general activities user
- Admin_S_OH: System Administrator that includes configuration activities user
- Physician_OH: Doctor user

8.- Once the **RandomLinesFile.java** program is executed, it will display: a) how many random activities will be generated, which could be between 1 and 6 and b) also it will show the details of the activities.

For example:

Generating =>: 1 Random Activities in TOTAL
Random Activity Number =>: 13
Id   : 13
Role   : Admin
Module   : Travel Requests>Approves>
Description : Approves an Existing Travel Request
Line 1   : Travel Requests>Approves>,Approves an Existing Travel Request
Line 2   : 13,Admin,Travel Requests>Approves>,Approves an Existing Travel Request