

ASSIGNMENT PROJECT REPORT

Developer Manual

COMP3211 Software Engineering

Department of Computing

The Hong Kong Polytechnic University

Koon Him MOO

WU Jiasheng

Ho Yu YIP

Sarah Bless Sarmiento Monsod

November 25, 2023

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1. Preparation

Before running the personal information manager system, your system environment must ensure that the following conditions are met.

☒ Java SE JDK 16.0.0 or above

Referenced Additional Libraries:

☒ Junit 4.10.1 – 4.12.0

IDE:

☒ IntelliJ or Visual Studio Code (Version > 2019)

OS Platform:

☒ macOS / Linux / Windows

2. Run the Program

Developer could run the game in IDE or terminal:

○ When running PIM system in IDE:

1. Open the project file in the IDE.
2. Run PIM.java in the /src/main/java/pim path.

○ When use terminal to run the game:

1. First put the project folder (src.main.java.pim) on your machine
2. Open the terminal:
 - a. macOS can use terminal or iTerm
 - b. Linux can run is directly.
 - c. Windows may use terminal(cmd.exe) or Powershell
3. Go into the project directory:

```
cd ./COMP3211_PIM/
```

```
java -cp ./src/main/java/pim 'src.main.java.pim.PIM'
```

3. Compile the Program

1. Open the project folder in IDE. (IntelliJ or Visual Studio Code)
2. Build the project by click on the green Hammer icon(VS Code will be Run Java button) in the upper right section
3. Follow steps in section 2 to run it directly or use terminal to run.

4. Debugging the Program

1. Open the project folder in IDE.
2. Run PIM.java in the /src/main/java/pim path first.
3. Enter debugging mode by click on the green Bug icon in the upper right section