## Nurse Roster Compile and Run Procedure

This document contains the procedure to run the program from the jar file or to compile and run the program in IntelliJ.

### Jar File Install Procedure

1. Locate the nurse-roster.jar file in the main directory of the program.
2. Make sure data.xml is in the same directory as the jar file.
3. Double click the nurse-roster.jar file to execute it.

### IntelliJ Compile Procedure

1. Download and Install Java SDK 1.7 or higher.
2. Download and Install IntelliJ Community edition.
3. Once IntelliJ is installed go to File>Open and open the nurse-roster directory.
4. If Java SDK is not configure a notification will appear.
5. Press set up Java SDK and locate the java1.7 folder.
6. Locate NurseRosterApp (src folder in project explorer). Right click and select run main.
7. This will run the main gui project.
8. To run the test RosterSolver. Locate RosterSolver.class under RosterSolver. Right clock and select run main.
9. This will run the test console RosterSolver.