

# READ Me File:

## This program is a CLI

### Preparation:

- 1) Please initialise the database that you have on your computer. No modifications were made to the SQL file and so you can pick that database.
- 2) Please place your GenderOptions.txt file right beside the edu folder. This is what the structure should look like: UCID -> (GenderOptions.txt) + (edu folder).
- 3) Now after you do cd UCID, please run this command to compile the program: `javac -cp “.;postgresql-42.7.3.jar” edu\ucalgary\oop\ReliefService.java`
- 4) Then do this command to run the program: `java -cp “.;postgresql-42.7.3.jar” edu.ucalgary.oop.ReliefService`

### Application:

- 1) As soon as you enter, you will see a main screen with two options: Login as a Central Relief Worker or login as a Location-based relief worker.
- 2) Choose an option.
- 3) There are a predefined set of locations in memory that you can choose from to edit. To look at the locations, login as a Location-Based Relief Worker
- 4) If you choose Location-Based Relief Worker please look at the info below.
- 5) If you choose Central Relief Worker, please go see the info regarding that title below as well.

### Location-Based Relief Worker:

You have 5 options after you choose a location to be a worker for:

- 1) Ordering supplies for this location. Here you can choose to order as many supplies as you want and store it in the location's inventory.
- 2) Looking at the current inventory. Please note that at the start of the program, there will be no supplies in the inventory
- 3) Helping identify cases where queries are related to the occupants at this location. If you as a worker notice any similarities, you can log out and and log back in a central relief worker to resolve that query
- 4) Adding disaster victims to this location. Along the way, you will enter in all their information about their relationships, medical records and personal belongings. **Note: this option handles requirements 1, 2, 3, 6, 8, 9 , 10.**
- 5) Looking at the current occupants of this location. Note that there will be no occupants at the start of the program.

### Central Relief Worker:

You have 2 options to choose from:

- 1) Logging an inquirer's query.

- i) This will involve using the database and checking whether the inquirer exists in the table, if it does, it will add to the inquiry log immediately using the foreign key of the inquirer. You will be able to notice your changes in your database as well
  - ii) If the inquirer does not exist, it will add the new inquirer to the inquirer table and then using that new inquirer's primary key, it will store the new inquiry in the inquiry\_log table. **Note: This option handles, requirement 4, 5, and 7.**
- 2) The second option is to search for disaster victims using a name or partial name; names can be capitalised or uncapitalized as well. Here you will see a list of inquiries to resolve. After picking an option you will search across every location looking for this disaster victim. You will get a list of results based on your specific search, you can also ask for more options. If you find the disaster victim, you will be given the inquirer's number from the database so that you can call them to tell them that their inquiry has been resolved. **Note: this options handle requirement 7.**

That covers the basics of the program, please make sure to follow the instructions on the terminal closely. After accomplishing each task, you will be taken back to menu to select more actions.

Enjoy!