

# README – ENSF 380 Summative Project (CLI based)

## PROJECT STRUCTURE

- Code: src/edu/ucalgary/oop/
- Tests: test/edu/ucalgary/oop/
- Data: data/ en-CA.xml

## DATABASE INFO

- Uses PostgreSQL with:
- Username: oop
- Password: ucalgary
- Victims stored in `person` table
- Inquiries stored in `inquiry` table

## FUNCTIONALITY NOTES

- Option 1 (Create Inquiry):
- Saves inquiry with default inquirer\_id and location\_id = 1
- Option 2 (View Victims):
- Displays all names from `person` table
- Option 3 (Manage Supplies):
- Option 4 (Exits the program)

## VALIDATION

- Gender limited to: man, woman, non-binary person
- Invalid menu input loops until valid
- Error handling via ErrorLogger

## RUNNING THE CODE

To compile:

```
> javac -cp ".;lib/postgresql-42.7.3.jar" src/edu/ucalgary/oop/*.java
```

To run:

```
> java -cp ".;lib/postgresql-42.7.3.jar;src" edu.ucalgary.oop.Main
```

**To compile tests:**

```
> javac -cp ".;lib/junit-4.13.2.jar;lib/hamcrest-core-1.3.jar" src/edu/ucalgary/oop/*.java  
test/edu/ucalgary/oop/*.java
```

**To run tests:**

```
> java -cp ".;lib/junit-4.13.2.jar;lib/hamcrest-core-1.3.jar;src;test" org.junit.runner.JUnitCore  
edu.ucalgary.oop.DisasterVictimTest (or you can run any other test)
```

(used these commands because I kept jar files in the lib folder)

**NOTES**

- No unnecessary files included
- UMLdiagramfinal.pdf and README.pdf in root directory
- As per project instructions, the project.sql file is not included in this submission. However, any SQL file used during testing or setup is expected to be placed in the data/ folder.
- As per project instructions, the .jar files is not included in this submission. However, postgresql-42.7.3, junit-4.13.2, hamcrest-core-1.3, are used in making of this project and are expected to be placed in lib folder.
- The application connects to the PostgreSQL database using the following credentials in Userinterface.java:  
jdbc:postgresql://localhost:5432/ensf380project, username: oop, password: ucalgary