**Disaster Relief System UML Class Diagram**

A screenshot of a computer program

Description automatically generated

**Instantiation Example**

**Person (1)**

personID: 101

firstName: Teruya

lastName: Smith

dateOfBirth: 2012-01-01

gender: Male

languageSpoken: French, Japanese

medicalCondition: Broken arm

appearance: black hair, brown eyes

height: 43.5

weight: 38.3

isVolunteer: false

notes: alert but a little shy

**Shelter (1)**

shelterID: 01

shelterName: Telus Convention Centre

address: 136 8 Ave SE

contactInfo: 403-123-4567

**SocialWorker (1)**

workerID: 2891

firstName: Jane

lastName: Doe

contactInfo: [jane.doe@example.com](mailto:jane.doe@example.com)

**ContactLog (1)**

logID: 5001

date: 2025-01-15

description: Teruya was treated for broken arm and assigned social worker for him

personID: 101

socialWorkerID: 2891

**FamilyMemberSearch (1)**

searchID: 3001

searcherFirstName: Joseph

searcherLastName: Bouillon

relationship: Father

missingPersonID: 101

**Person (2)**

personID: 102

firstName: Freda

lastName: McDonald

dateOfBirth: 1986-06-03

gender: Female

languageSpoken: English

medicalCondition: Twisted ankle, light burns

appearance: N/A

height: N/A

weight: N/A

isVolunteer: false

notes: Looking for her children Jari, Teruya

**FamilyMemberSearch (2)**

searchID: 3002

searcherFirstName: Joseph

searcherLastName: Bouillon

relationship: Husband

missingPersonID: 102