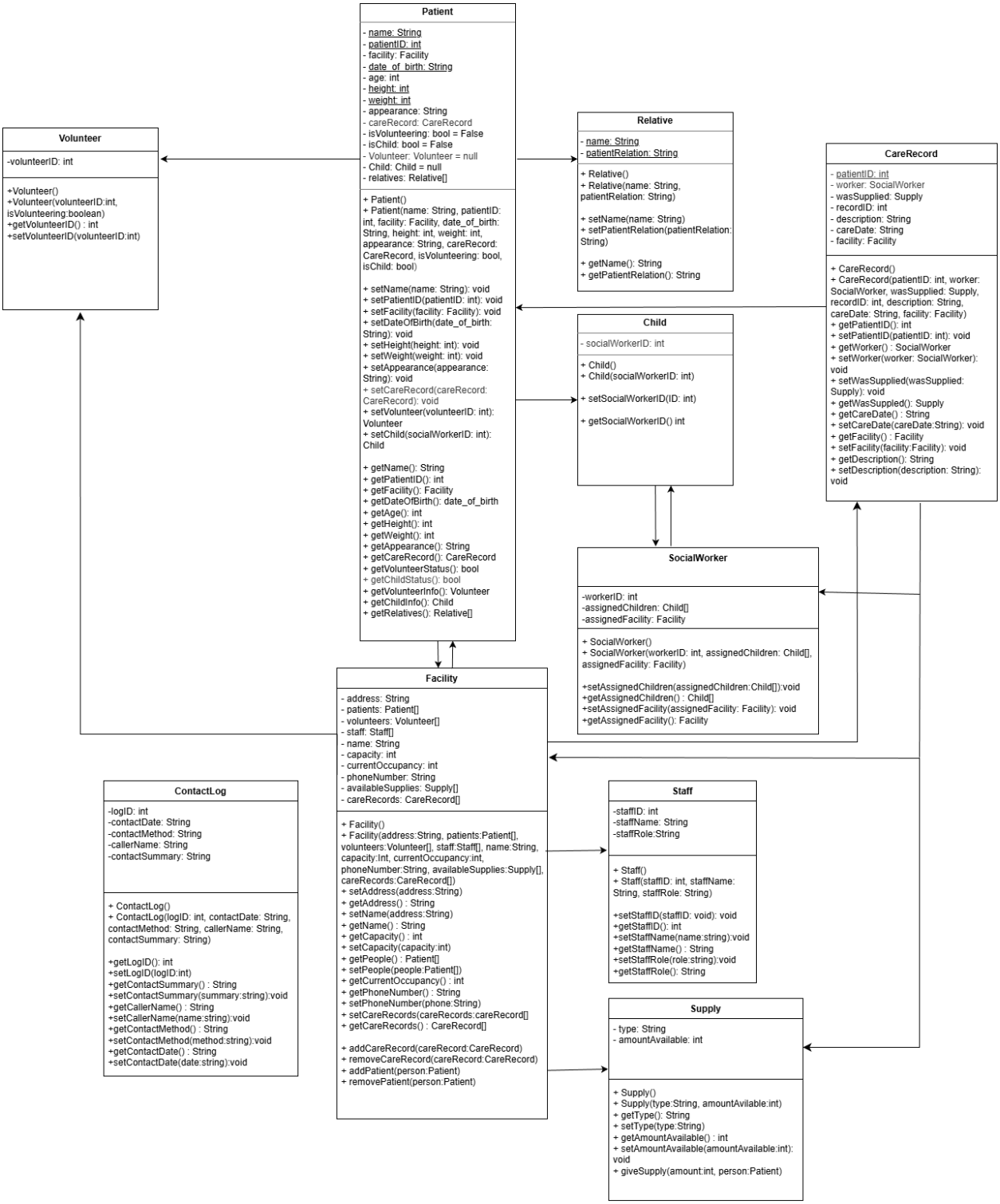
Group 7: Paolo Abad, Youssef Ibrahim, Himaal Ishaq

ENSF380: Group Project 1

UML Class Diagram



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Sample Data Instantiation Demonstration

Patient(1)
name: "Teruya"
patientID: 506085
facility: Facility(1)
date_of_birth: "2021-01-19"
age: 5
height: 43
weight: 38
appearance: "Black hair, brown eyes. He is alert but quiet,
and speaks French and Japanese."
careRecord: CareRecord(1)
isVolunteering: False
isChild: True
Volunteer: null
Child: Child(1)
relatives: Relative(1), Relative(2), Relative(3), Relative(4)

Facility(1)
address: "136 8 Ave SE"
patients: Patient(1)
volunteers: Volunteer(1), Volunteer(2)
staff: Staff(1), Staff(2), Staff(3)
name: "TELUS Convention Centre"
capacity: 50
currentOccupancy: 16
phoneNumber: "403-261-8500"
availableSupplies: Supply(1)
careRecords: CareRecord(1)

Volunteer(1)
volunteerID: 101555

Volunteer(2)
volunteerID: 101896

Staff(1)
staffID: 201659
staffName: "Youssef Ibrahim"
staffRole: "Supply Management"

Staff(2)
staffID: 201782
staffName: "Himaal Ishaq"
staffRole: "Communications"

Staff(3)
staffID: 201562
staffName: "Paolo Abad"
staffRole: "Patient Services"

Supply(1)
type: Toiletries
amountAvailable: 60

CareRecord(1)
patientID: 506085
worker: SocialWorker(1)
wasSupplied: Supply(1)
recordID: 302895
description: "Was found with a broken arm and taken to the centre, where he was treated
has been assigned a social worker (#2891)"
careDate: "2025-01-18"
facility: Facility(1)

SocialWorker(1)
workerID: 2891
assignedChildren: Child(1)
assignedFacility: Facility(1)

Child(1)
socialWorkerID: 2891

Relative(1)
name: "Freda McDonald"
patientRelation: "Mother"

Relative(2)
name: "Jo Bouillon"
patientRelation: "Father"

Relative(3)
name: "Jari Bouillon"
patientRelation: "Sibling"

Relative(4)
name: "Luis Bouillon"
patientRelation: "Sibling"

ContactLog(1)
logID: 407598
contactDate: "2025-01-18"
callerName: "Freda McDonald"
contactSummary: "Looking for her children, Teruya, Jari, and Luis Bouillon."