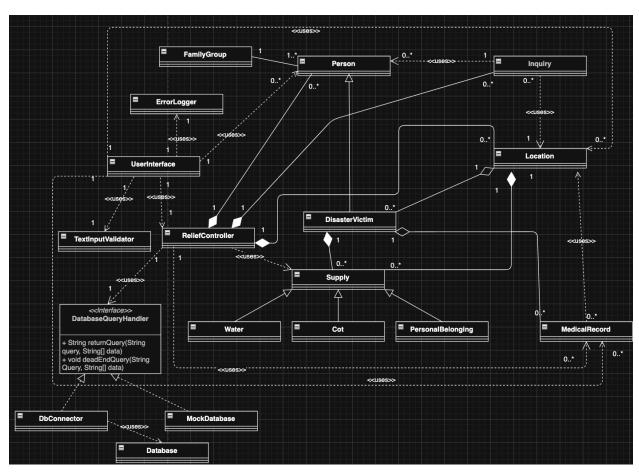
ENSF 380 Individual Assignment UML

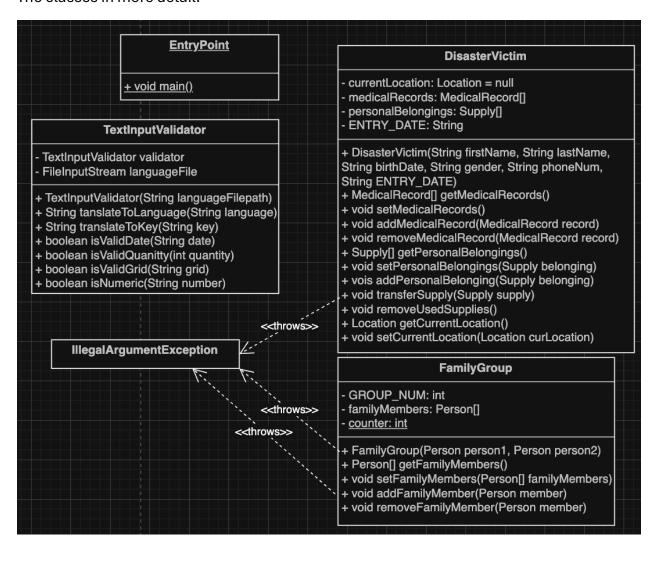
Noah Vickerson

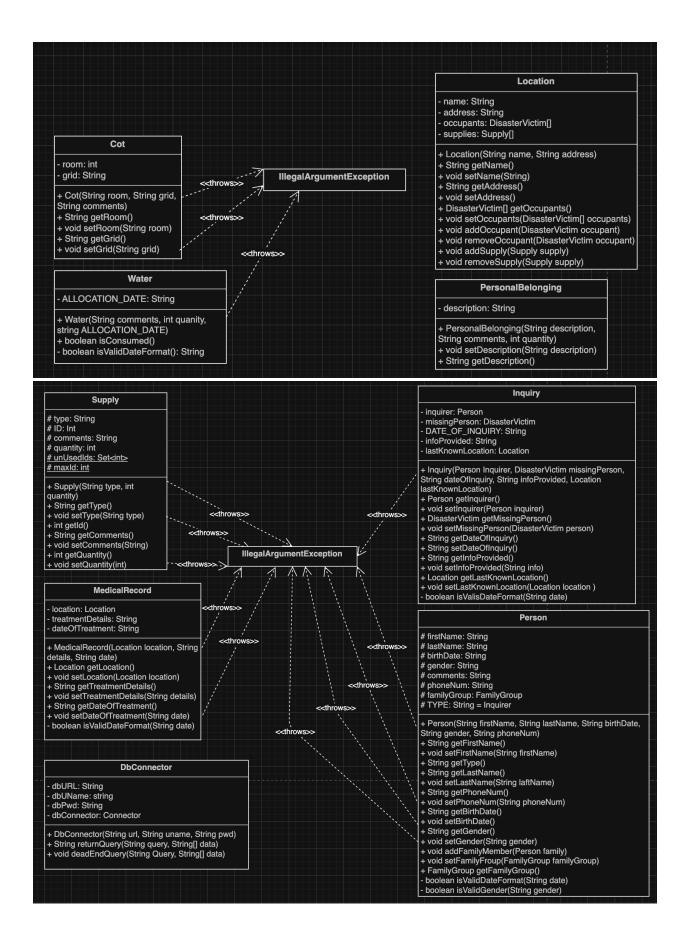
30206712 ENSF 380 L01

The diagram:



The classes in more detail:





ReliefController

- controller: ReliefController
- · locations: Location[]
- people: Person[]
- inquiries: Inquiry[]
- ReliefController()
- + ReliefController getInstance()
- + void addDisasterVictim(String firstName, String lastName, String dateOfBirth, String gender, String phoneNum, Location currentLocation)
- + void addInquiry(Person inquirer, DisasterVictim missingPerson, String infoProvided, Location lastKnownLocation)
- + void addPerson(String firstName, String lastName, String dateOfBirth, String gender, String phoneNum)
- + void addLocation(String name, String address)
- + Location[] getLocations()
- + Person[] getPeople() + Inquiry[] getInquiries()
- + Person fetchPerson(String firstName, String lastName)
- + Inquiry fetchInquiry(Person Inquirer, DisasterVictim victim, String date)
- + Location fetchLocation(String name)
- + void loadLocations()
- + void saveLocations()
- + void loadPeople()
- + void savePeople()
- + void loadInquiries()
- + void saveInquiries()

UserInterface

- controller: ReliefController
- logger: ErrorLogger
- validator: TextInputValidator
- input: Scanner
- + UserInterface(ReliefController controller, ErrorLogger logger, TextInputValidator validator)
- + void runLoginSequence()
- + void mainMenu()
- + void dataEntryMenu()
- + void dataUpdateMenu()
- + void dataViewMenu()
- + void printPeople(Person[] people)
- + void printMedicalRecords(MedicalRecord[] records)
- + void printLocations(Location[] locations)
- + void createInquiry()
- + void createPerson()
- + void createLocation()
- + void updatePerson()
- + void updateInquiry()
- + void updateLocation()

ErrorLogger

- errorFile: ObjectOutputStream
- + ErrorLogger(String filepath)
- + void logError(Exception error)