

SOEN 342 Project

Section II

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Team #33

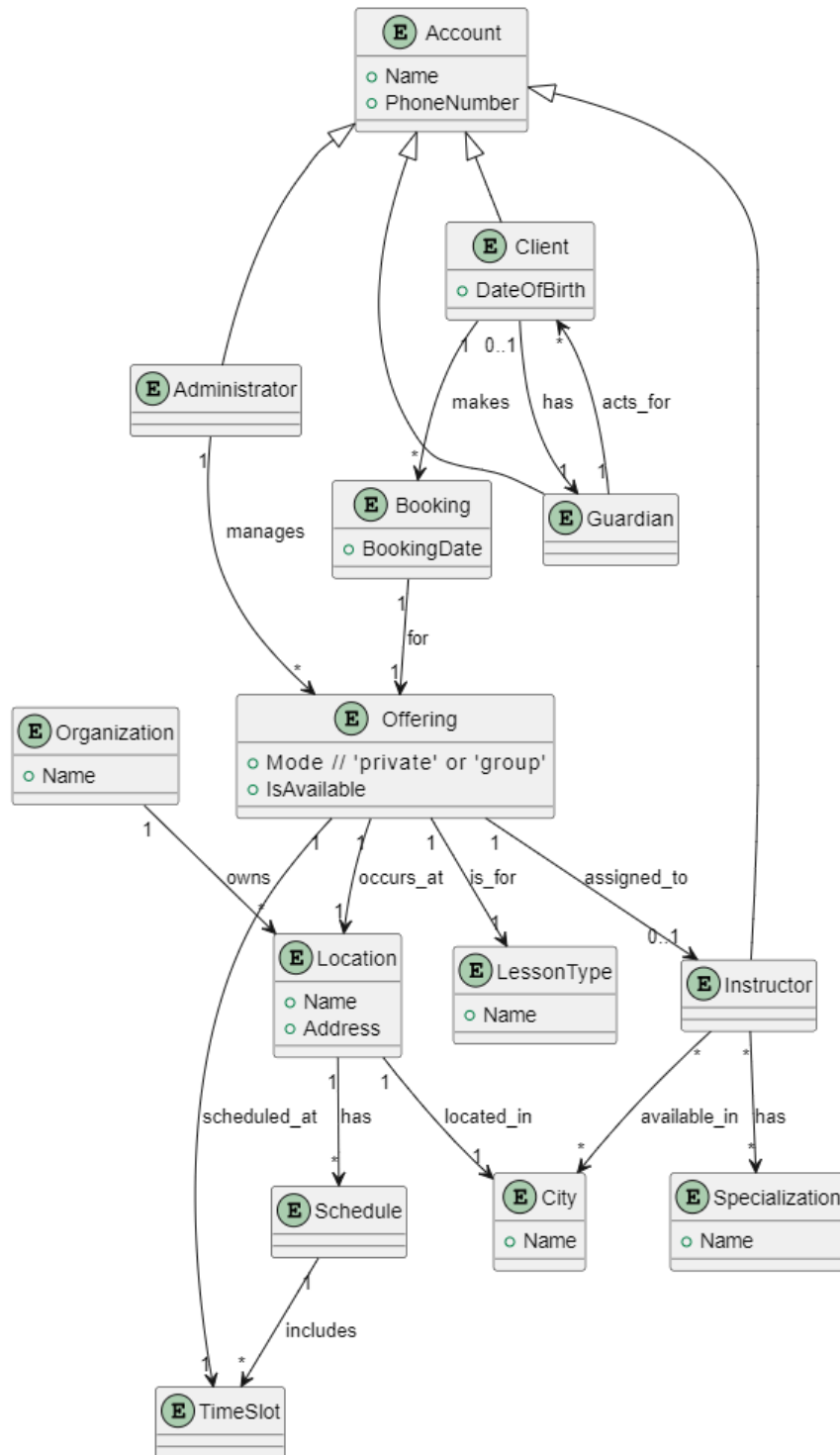
Iteration #3

Use Case 2:

Process Bookings

Domain Model and Package Diagram

Lesson Booking System - Domain Model



UML Interaction Diagrams

System Sequence Diagrams

System Operations

Note: The System Operations table on the right is the update one with methods pertaining to processing bookings.

System
getAvailableOfferings() viewAllRecords() createOffering(Offering offering) deleteAccount(Account account) register() login() viewOfferings() takeOffering(Offering offering) assignInstructor(Instructor instructor) markAsAvailable() addLocation(Location location)

System
getAvailableOfferings() viewAllRecords() createOffering(Offering offering) deleteAccount(Account account) register() login() viewOfferings() takeOffering(Offering offering) assignInstructor(Instructor instructor) markAsAvailable() addLocation(Location location) makeBooking(Offering offering) viewBookings() cancelBooking(Booking booking) handleBooking(Offering offering) cancel()

Operation Contracts

Note: We have only added the operation contracts for processing bookings methods.

Contract CO11:

Operation:

Cross References:

Preconditions:

Postconditions:

UML Class Diagram

Note: Class diagram already implemented bookings in iteration #2

UPDATED CLASS DIAGRAM

