

Object constraints language (OCL)

1) Context: Offering

Inv: self.timeSlot->forAll(t1, t2 | t1 <> t2 implies (t1.startTime <> t2.startTime or t1.duration < t2.duration or t1.space <> t2.space))

2) Context: UnderageClient

inv: self.guardianName->notEmpty()

3) Context: Offering

inv: self.space.city->forAll(c | self.instructor.availabilities->includes(c))

4) Context: Client

inv: self.bookings->forAll(b1, b2 | b1 <> b2 implies (b1.offering.timeslot.startTime <> b2.offering.timeslot.startTime or b1.offering.timeslot.duration <> b2.offering.timeslot.duration))