Contract: makeNewOffering
Operation: makeNewOffering(Location, Schedule, Lesson, Type)

Preconditions:
1. The admin is authenticated
2. Location is owned by the organization.
3. Type is either Group or Private.
4. The schedule for the new offering does not conflict with other offerings at the same location

Postconditions:
1. An instance of Offering (offr) was created
2. The offr object was associated with a location, a schedule and a lesson
3. The offr.type is set to Type (private or group)
4. offr.available is instantiated to False.

Contract: selectOffer
Operation: selectOffer(offerID, instr)

Preconditions:
1. The instructor is authenticated
2. offerID exists and corresponds to a valid (not already claimed by an instructor) Offer entity called offr
3. The instance of Instructor instr exists and is a registered Instructor

Postconditions:
1. offr object is associated with an instr Instructor
2. offr.available is set to true (now available to the public)
3. offr is no longer selectable by other instructors

Contract: viewOfferings
Operation: viewOfferings()

Preconditions:
1. The client is authenticated
2. There are available offerings stored in the database

Postconditions:
1. All the available offerings are displayed for the user