**General precondition:**  
The actor is authenticated as an Organizer.

**1. registerStaff(firstName: text, lastName: text, email: text, phone: text, taxCode: text, employmentType: text)**

**Preconditions:**

* The Organizer is managing staff data.
* The provided taxCode does not belong to an already registered staff member.

**Postconditions:**

* A new instance s of StaffMember is created.
* s.firstName = firstName
* s.lastName = lastName
* s.email = email
* s.phone = phone
* s.taxCode = taxCode
* s.employmentType = employmentType
* s is added to the list of registered staff.

**2. addAvailability(staff: StaffMember, date: date, type: text)**

**Preconditions:**

* staff is a registered StaffMember.
* type is one of: "service", "preparation".

**Postconditions:**

* A new instance a of Availability is created.
* a.staff = staff
* a.availableDate = date
* a.availableType = type
* a is added to the list of availabilities.

**3. assignStaffToRole(staff: StaffMember, role: text, position: text, deadline: date)**

**Preconditions:**

* staff is available on the date of the event.
* The Organizer is assigning staff roles for an active event.

**Postconditions:**

* A new instance as of StaffAssignment is created.
* as.staff = staff
* as.role = role
* as.position = position
* as.responseStatus = "pending"
* as.responseDeadline = deadline
* as is added to the list of staff assignments.

**4. processLeaveRequest(staff: StaffMember, startDate: date, endDate: date)**

**Preconditions:**

* staff is a registered StaffMember.
* The requested leave period is in the future.

**Postconditions:**

* A new instance lr of LeaveRequest is created.
* lr.staff = staff
* lr.startDate = startDate
* lr.endDate = endDate
* lr.status = "pending"
* lr is added to the list of leave requests.

**5. updateLeaveRequestStatus(leaveRequest: LeaveRequest, status: text)**

**Preconditions:**

* leaveRequest exists in the system.
* status is one of: "approved", "denied".

**Postconditions:**

* leaveRequest.status = status

**6. updateStaffContact(staff: StaffMember, newEmail: text, newPhone: text)**

**Preconditions:**

* staff is a registered StaffMember.

**Postconditions:**

* staff.email = newEmail
* staff.phone = newPhone

**7. getAvailablePermanentStaff(date: date)**

**Preconditions:**

* The Organizer is scheduling staff for an event on date.

**Postconditions:**

* The system returns a list of all StaffMembers:
  + employmentType = "permanent"
  + Who have declared availability on date