Quarter Black Project Deliverable 10

Schedule Sitter Use Case SSD



Operation Contracts

1. getSitters(startTime, endTime, urgency, preferences)

Use Cases: Schedule Sitter

Pre-Conditions:

* OwnerEndpoint exists as an appointmentScheduler.
* OwnerEndpoint has been associated to the sitterCatalog
* Current Owner o is logged in and authenticated

Post Conditions:

* Available Sitters who fit above parameter restrictions have been found.
* appointmentSchedule associated with available sitters.

1. scheduleSitter(sitter, appointment)

Use Cases: Schedule Sitter

Pre-Conditions:

* Current Owner o is logged in and selecting a sitter.
* Sitter sitter has been selected by user
* appointment contains all details about the requested appointment

Post Conditions:

* Appointment A has been created and its members are set to data in appointment.
* A is associated to sitter.
* A is associated with o.
* A notification is created and associated with sitter.

1. acceptAppointment(a)

Use Cases: Schedule Sitter

Pre-Conditions:

* A has been associated with sitter.
* A notification has been sent to sitter.

Post Conditions:

* A’s appointmentStatus has been updated to reflect accepted.
* An accepted notification has been created and is associated with o.
* An upcoming appointment notification has been created and is associated with sitter and o.