

system-interfaces

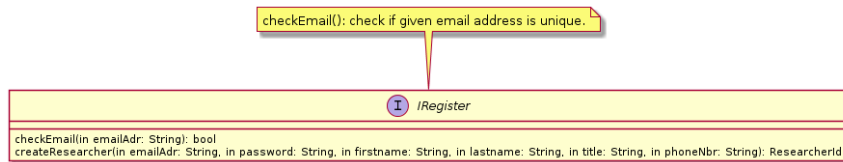
Maksym Planeta

June 5, 2014

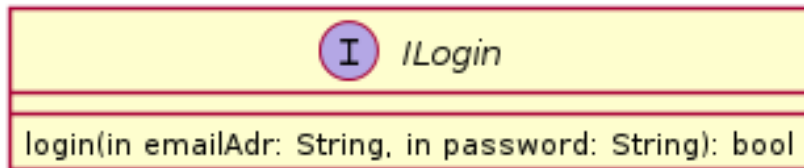
Contents

1	Register	2
2	Login	2
3	Logout	2
4	Create appointment	2
5	Time management	2
6	Delete appointment	3
7	Add researcher to an appointment	3
8	Create group	3
9	Join group	3
10	Leave group	4
11	Conflicts	4
12	Search appointment	4
13	Search participant	4
14	Search researcher	5
15	Search group	5

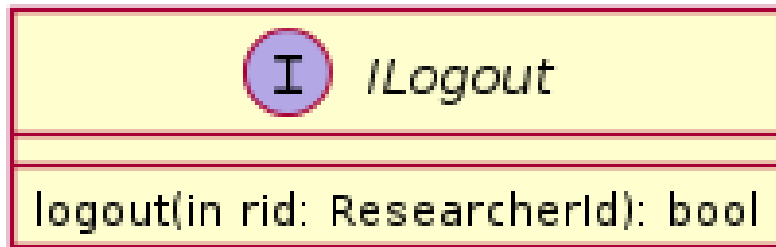
1 Register



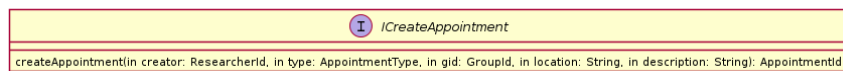
2 Login



3 Logout



4 Create appointment



5 Time management

We do this on the client side by constructing an object that encapsulates time range information.

I <i>ITime</i>
createTimeInformation(in start: java.util.Date, in end: java.util.Date): bool

6 Delete appointment

Delete operation deletes appointment entity if the invoker of this command is the creator of the appointment. And appointment is deleted only from invoker's schedule if he is just participant of the appointment.

I <i>IDeleteAppointment</i>
deleteAppointment(in aid: AppointmentId, in rid: ResearcherId): bool

7 Add researcher to an appointment

I <i>IAddResearcherToAnAppointment</i>
addResearcherToAppointment(in rid: ResearcherId, in aid: AppointmentId): bool

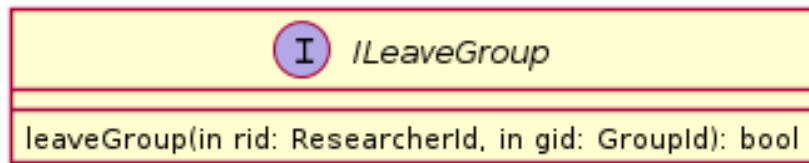
8 Create group

I <i>ICreateGroup</i>
createGroup(in creator: Researcher, in name: String, in type: GroupType, in password: String): GroupId

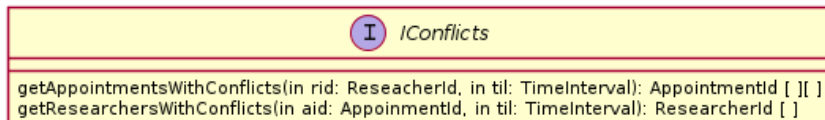
9 Join group

I <i>IJoinGroup</i>
joinGroup(in rid: ResearcherId, in gid: GroupId, in password: String): bool

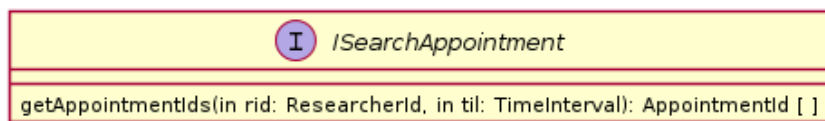
10 Leave group



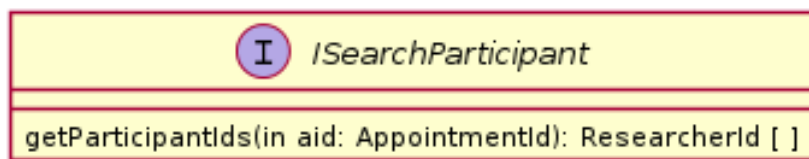
11 Conflicts



12 Search appointment

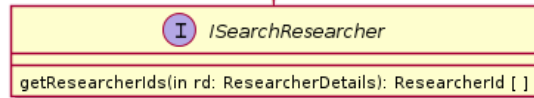


13 Search participant



14 Search researcher

In most cases the parameter rd will be a partially specified ResearcherDetails-object.



15 Search group

Get list of all groups where researcher referred to by rid is a member, if rid is specified (= not null?), return all groups otherwise.

