

conditions

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Contents

leaveGroup(in rid: ResearcherId, in gid: GroupId): bool

PRE: rid is in group members.

POST: rid is deleted from group members.

joinGroup(in rid: ResearcherId, in gid: GroupId, in password: String):
bool

PRE: rid is not a group member.

POST: rid becomes member of group.

createGroup(in name: String, in type: GroupType): GroupId

PRE: password < 6 symbols.

POST: group is not created.

PRE: group creator is not member of any research group and type is RESEARCH_GROUP.

POST: research group is created.

checkPassword(in gid: GroupId, in password: String): bool

PRE: gid must exist.

POST: password check is conducted.

createResearcher(in emailAdr: String, in password: String, in firstname:
String, in lastname: String, in title: String, in phoneNbr: String): Re-
searcherId

PRE: email should be unique.

POST: user is created.

createAppointment(in creator: ResearcherId, in type: Appointment-
Type, in gid: GroupId, in location: String, in description: String): Ap-
pointmentId

PRE: researcher id must exist. groupid must exist.

POST: appointment is created.

createTimeInformation(in start: java.util.Date, in end: java.util.Date):
TimeInterval

PRE: start < end.

POST: TimeInterval is returned.