Entwurfs-Fachklassendiagramm mit Operationen Survey Terminfindungs-App "Plan The Jam" name: String Team: Comanche, 12.01.2015 description: String type: SurveyType durationMins: int deadline: Date frequencyDist: int frequencyUnit: TimeUnit possibleTimePeriods : List<TimePeriod> «enumeration» determinedTimePeriod: TimePeriod **TimeUnit** success: Status = UNDECIDED **DAY** algoChecked: boolean = false **WEEK** F «host» addParticipantToSurvey(user: User) **MONTH** F «host» addAllUsersFromGroupToSurvey(group : Group) B «host» sendInviteToAllParticipants() «host» editSurvey() F «host» showPossibleTimePeriods(): List<TimePeriod> «data type» «host» chooseFromPossibleTimePeriods(): TimePeriod **TimePeriod** getGroupSnapshot: Group startTime: Date durationMins: int {subset} Participan Host User name: String password: String Group tel: String name: String email: String generalAvailability: List<TimePeriod> iconurl: String messages : List<String> «host» addSurvey(survey : Survey) «host» deleteSurvey(survey: Survey) addGroup(group : Group) deleteGroup(group: Group) setGeneralAvailability(generalAvailability: List<TimePeriod>) Member addUserToGroup(user : User) removeUserFromGroup(user: User) showAvailableAndBlockedTimePeriods()

«enumeration»
SurveyType

ONE_TIME RECURRING

> «enumeration» Status

UNDECIDED

YES NO

Invite

isHost: boolean = false isIgnored: boolean = false

concreteAvailability: List<TimePeriod>

setParticipationStatus(boolean)

setConcreteAvailability(List<TimePeriod>)