pkg

+ getSalt(userID : String) : String + getHash(userID : String) : String + getName(userID : String) : String + getLastName(userID : String) : String + getNickname(userID : String) : String + getRoleName(userID : String) : String + getDepartment(userID : String) : String + getSettings(userID : String) : ArrayList + getSectionSettings(userID : String) : ArrayList + getLastLogin(userID : String) : Date + isActive(userID : String) : boolean + isBannedFromSection(userID : String) : boolean + isBannedFromSystem(userID : String) : boolean + getComment(userID : String) : String + isDepartmentAdmin(userID : String) : boolean + isSuperAdmin(userID : String) : boolean + getUserInformation(userID : String) : String + getUsers(filter : String, page : int, size : int) : ArrayList + getRecordCount(filter : String) : int + setSalt(userID : String, salt : byte) : boolean + setHash(userID : String, hash : String) : boolean + setName(userID : String, name : String) : boolean + setLastName(userID : String, lastName : String) : boolean + setNickname(userID : String, nickname : String) : boolean + setRoleName(userID : String, roleName : String) : boolean + setDepartment(userID : String, departmentCode : String) : boolean + setSettings(userID : String, settings : ArrayList) : boolean + setSectionSettings(userID : String, sectionID : String) : boolean + setLastLogin(userID : String) : boolean + setActive(userID : String) : boolean + setBannedFromSection(userID : String, sectionID : String) : boolean + setBannedFromSystem(userID : String) : boolean + setComment(userID : String, name : String) : boolean + setDepartmentAdmin(userID : String) : boolean + setSuperAdmin(userID : String) : boolean + createUser(name : String, lastName : String, roleName : String) : boolean + updateUser(userID : String, name : String, lastName : String, roleName : String) : boolean + removeUser(userID : String) : boolean

+ getCourse(courseID : int) : ArrayList + getCourses() : ArrayList + getCourseSections(courseID : String) : ArrayList + getSectionSettings(): byte + getCourseByLectureID(lectureID : int) : ArrayList + getSectionByLectureID(lectureID : int) : ArrayList + getUsersBySectionID(sectionID : String, userType : String) : ArrayList + setCourseID(courseID : String) : boolean + setCourseName(courseID : String) : boolean + setSectionID(sectionID : String) : boolean + setSectionName(subjectID : String) : boolean + setSectionSettings(sectionID : String, scheduleID : int) : boolean + addSectionToCourse(sectionID : String, courseID : String) : boolean + removeSectionFromCourse(sectionID : String, courseID : String) : boolean + addUserToSection(userID : int, sectionID : String) : boolean

+ removeUserFromSection(userID : String, sectionID : String) : boolean

+ createCourse(courseID: String, courseName: String): boolean

+ updateCourse(courseID : String, courseName : String) : boolean

department

+ getDepartment(departmentCode : String) : String

+ removeCourse(courseID : String) : boolean

+ getCourseID(courseName : String) : String

+ getCourseNames(filter : String) : ArrayList

+ getCourseName() : ArrayList

+ getAllDepartments(): ArrayList

+ getAllDepartmentUsers(departmentCode : int) : ArrayList

+ addDepartment(departmentCode : String, departmentName : String) : boolean

+ updateDepartment(departmentCode : String, departmentName : String) : boolean

+ removeDepartment(departmentCode : String) : boolean

+ addUserToDepartment(userID : String, departmentCode : String, isAdmin : boolean) : boolean

+ removeUserFromDepartment(userID : String, departmentCode : String) : boolean

+ createDepartment(departmentCode : String, departmentName : String) : boolean

+ updateDepartment(departmentCode : String, departmentName : String) : boolean

+ removeDepartment(departmentCode : String) : boolean

meeting

+ getMeetingInformation(meetingID : int) : ArrayList

+ getMeetingTitle(meetingID: int): String

+ getMeetingDescription(meetingID : int) : String

+ getMeetingInitialDatetime(meetingID : int) : Date

+ getMeetingDuration(meetingID : int) : int

+ isMeetingCancelled(meetingID : int) : boolean

+ getMeetingModeratorPassword(meetingID : int) : String

+ getMeetingUserPassword(meetingID : int) : String

+ getMeetingSettings(meetingID : int) : ArrayList

+ getPresentationFiles(meetingID : int, scheduleID : int) : void

+ getMeetingGuests(meetingID : int) : ArrayList + getMeetingSchedule(meetingID : int) : ArrayList

+ getMeetingAttendees(meetingID : int) : ArrayList

+ getMeetingsByFilter(filter : String) : ArrayList

+ getMeetingsByDay(userID : String, date : Date) : ArrayList

+ getMeetingsByWeek(userID : String, firstDay : Date) : ArrayList

+ getMeetingsByMonth(userID : String, month : Date) : ArrayList

+ createSchedule(scheduleTitle: String, initialDatetime: Date, intervals: int, repeats: int, duration: int, userID: String): boolean

+ updateSchedule(scheduleID : int, scheduleTitle : String, initialDatetime : Date, intervals : int, repeats : int, duration : int, userID : String) : boolean

+ uploadPresentationFile(meetingID : int, scheduleID : int, title : String) : boolean

+ removePresentationFile(meeting D: int, scheduleID: int, title: String): boolean

+ setCancelledMeeting(meetingID : int) : boolean

+ setMeetingSettings(meetingID : int) : bcolean

+ addAttendeeToMeeting(userID : String, meeting ID : int) : boolean

+ removeAttendeeFromMeeting(userID : String, meetingID : int) : bcolean

+ createMeeting(scheduleID: int, title: String, duration: int, description: String, moderatorPassword: String, userPassword: String, settings: byte): boolear

+ updateMeeting(meetingID: int, scheduleID: int, title: String, duration: int, description: String, moderatorPassword: String, userPassword: String, settings: byte): boolean

+ removeMeeting(meetingID : int) : boolean

+ generateInvitationLink(meetingID: int): boolean

+ getLectureInformation(lectureID : int) : ArrayList

getLectureTitle(lectureID : int) : String

+ getLectureDescription(lectureID : int) : String

+ getLectureInitialDatetime(lectureID : int) : Date

+ getLectureDuration(lectureID : int) : int

+ isLectureCancelled(lectureID : int) : boolean

+ getLectureModeratorPassword(lectureID : int) : String + getLectureUserPassword(lectureID : int) : String

+ getLectureSettings(lectureID : int) : ArrayList

+ getPresentationFiles(lectureID : int, scheduleID : int) : void

+ getGuestLecturers(lectureID : int) : ArrayList

+ getLectureSchedule(lectureID : int) : ArrayList

+ getLectureAttendees(lectureID : int) : ArrayList

+ getLecturesByFilter(filter : String) : ArrayList + getLecturesByDay(userID : String, date : Date) : ArrayList

+ getLecturesByWeek(userID : String, firstDay : Date) : ArrayList

+ getLecturesByMonth(userID : String, month : Date) : ArrayList

+ createSchedule(scheduleTitle : String, initialDatetime : Date, intervals : int, repeats : int, duration : int, userID : String) : boolean

+ updateSchedule(scheduleID: int, scheduleTitle: String, initialDatetime: Date, intervals: int, repeats: int, duration: int, userID: String): boolean

+ uploadPresentationFile(lectureID : int, scheduleID : int, title : String) : boolean

+ removePresentationFile(lectureID : int, scheduleID : int, title : String) : boolean

+ setCancelledLecture(lectureID : int) : boolean

+ setLectureSettings(lectureID : int) : boolean

+ addGuestLecturerToLecture(userID : String, lectureID : int) : boolean

+ removeGuestLecturerFromLecture(userID : int, lectureID : int) : boolean

+ acdAttendeeToLecture(userID : String, lectureID : int) : boolean + removeAttendeeFromLecture(userID : String, lectureID : int) : boolean

+ createLecture(scheduleID : int, title : String, duration : int, description : String, moderatorPassword : String, userPassword : String, settings : byte) : boolean

+ updateLecture(lectureID: int, scheduleID: int, title: String, duration: int, description: String, moderatorPassword: String, userPassword: String, settings: byte): bcolean

+ removeLecture(lectureID : int) : boolean

authenticate

+ validatePassword(userID : String, password : String) : void

+ generateSalt(): byte

+ generateHash(password : String, salt : byte) : byte