Profile

-username: string-location: string-instruments: string-skillLevel: string-picture: Picture-friends: string-uniqueCode: integer

+createProfile(username, location, instruments, skillLevel, picture,

uniqueCode)

+displayProfile(username, location, instruments, skillLevel, picture, friends, uniqueCode)

+addFriend(uniqueCode)

+removeFriend(friends)

+changeUsername(username)

+changeLocation(location)

+changeInstruments(instruments)

+changeSkillLevel(skillLevel)

+changePicture(picture)

+deleteProfile(): boolean

Recordings

-videoFiles: VideoFiles-videoSlider: Slider-fileName: string

+createFile(fileName): recording +playFile(videoFiles, videoSlider)

+renameFile(fileName)

+searchFile(fileName)

+fastForward(videoSlider)

+rewind(videoSlider)

+moveSlider(videoSlider)

+pauseResumeRecording(): boolean

+deleteFile(): boolean

Account

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-profile: Profile

-recordings: Recordings-sheetMusic: SheetMusic

-password: string

-securityQuestion: string

-emailAddress: string

+createAccount(emailAddress, password, securityQuestion): User

+viewProfile(profile)

+viewRecordings(recordings)

+viewSheetMusic(sheetMusic)

+changePassword(password,

securityQuestion)

+deleteAccount(): boolean

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Sheet Music

0..*

-sheets: Sheets -title: string -length: integer

-composer: string-dateCreated: date

+purchaseSheet()

+searchSheet(title, length, composer,

dateCreated)

+filterSheets(title, length, composer,

dateCreated)

+viewSheet(sheets)

+deleteSheet(title): boolean

Jam Session

-friendList: friends

-recordings: Recordings

-instruments: string

-videoQuality: integer

-videoFormat: string

-optionsList

+startRandomJam(instruments)

+endRandomJam()

+startPrivateJam(friendList)

+endPrivateJam()

+startRecording()

+endRecording(recordings)

+changeFormat(videoFormat)

+changeQuality(videoQuality)

+viewOptions(optionsList)

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