Description: A teacher logs into her uRock account to give work to her students. She already has a class registered to her, which is numbered zero. After she logs in, she creates a lesson called about learning scales and adds a simple song to it. She then assigns the lesson to her class and logs out.

Teacher

MusicSystemFACADE · UserList · Teacher · Lesson · SongList · Song · PlayList_List · Playlist · User · DataLoader · LessonList

MusicSystemFACADE()
getInstance()
getSongs()
Song(UUID, "Title", "Artist", "Genre", score)
getInstance()
getPlaylists()
getSongByName("Title")
PlayList(UUID, "Title", "Author", "Description", songs)
getInstance()
login("Portia", "Password", "Teacher")
getInstance()
getUser("Portia", Password, "Teacher")
Lesson(UUID, lessonName)
createLesson("Learning Scales")
getUsers()
Teacher(UUID, username, password,email, firstName, lastName, streak, songsPlayed, assignedLessons, playlists, classes)
User(UUID, username, password,email, firstName, lastName, streak, songsPlayed, assignedLessons, playlists, classes)
Lesson("Learning Scales")
addSongToLesson("Learning Scales", "C Major Scale")
addLesson("Learning Scales")
getSongByTitle("C Major Scale")
getLessons()
addSong(cMajorScale)
assignLessonToClass(0, "Learning Scales")
getLessons()
getClasses()
assignLesson(0, learningScales)
logout()
save()
saveTeachers()
saveStudents()
save()
saveSongs()
save()
savePlaylists()
save()
saveLessons()

DataWriter