

This challenge is an extension of the previous two challenges - It's time for another challenge

Our goal in this challenge is to create a conceptual model of that jukebox

Identify objects, responsibilities, and relationship

Solution

Let's identify objects by finding the nouns and the use cases and user stories. So, in this particular use case, for playing multiple songs, we have nouns like system, user, library, album, list, song, and queue

Use case Scenario: System identifier user. User browses library of available albums. User selects album. User select song. System plays a second song. System adds second song to play queue. System plays second song after first song is over.

The possible objects are

User-library-album-song-queue-admin

Responsibility and Relationships

user can browse library, the library contains a album, the album contains songs and user can get the song in a queue, admin create a user and manage queue