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| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc001  Register producer user | Class MusicApp | registerUserProducer(..) |
| Class MusicApp | searchUser(…) |
| Class MusicApp | dateActual() |
|  | Class App | registerUserProducer () |
|  | Class User | getNickname() |
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| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc002  Register consumer user | Class MusicApp | registerUserConsumer (..) |
| Class MusicApp | searchUser(…) |
| Class MusicApp | dateActual() |
|  | Class App | registerUserConsumer () |
|  | Class User | getNickname() |
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| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc003  record audio | Class MusicApp | registerAudio(…) |
| Class MusicApp | searchAudio(…) |
| Class MusicApp | getSongs() |
|  | Class MusicApp | searchUser(…) |
|  | Class User | getNickname() |
|  | Class Audio | getName() |
|  | Class App | registerAudio() |
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| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc004  Create playlist | Class MusicApp | generateNumber() |
| Class MusicApp | generateMatriz() |
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|  | Class Standard or premium | addPlaylist(…) |
|  | Class Standard or premium | searchPlaylist(…) |
|  | Class Standard | availablePlaylist() |
|  | Class Appp | registerPlaylist(…) |
|  | Class Playlist | getAudios() |
|  | Class Playlist | getName() |
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| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc005  Edit playlist | Class MusicApp | editAudioPlaylist(…) |
| Class Standard or premium | addAudioPlaylist(…) |
| Class Standard or premium | searchAudioPlaylist(…) |
|  | Class Standard or premium | elimanteAudio(…) |
|  | Class App | editPlaylist() |
|  | Class Playlist | getAudios() |
|  | Class Playlist | getName() |
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| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc006  Share a playlist. | Class MusicApp | Shareplaylis(….) |
| Class MusicApp | searchUser(…) |
| Class Standard or premium | generateCode(….) |
|  | Class Standard or premium | sharePlaylistMatriz(…) |
|  | Class Standard or premium | sharePlaylist(…) |
|  | Class Standard or premium | printMatrix(…) |
|  | Class Standard or premium | searchPlaylist(…) |
|  | Class Playlist | analyticsPlaylist() |
|  | Class Playlist | getMatriz() |
|  | Class Playlist | getCode() |
|  | Class Playlist | changeTypePlaylist() |
|  | Class Playlist | setCode(..) |
|  | Class App | sharecode() |

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| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc007  Simulate the playback of a song or podcast (standard and premium). | Class App | playingAudio() |
| Class MusicApp | searchUser(…) |
| Class MusicApp | searchAudio(…) |
|  | Class MusicApp | updateState(…) |
|  | Class Standard or premium | Play(…) |
|  | Class Standard | generateNumber() |
|  | Class Playing | Play(…) |
|  | Class Artist or Creator | searchAudioAutor(…) |
|  | Class Artist or Creator | setTotalViews(…) |
|  | Class Artist or Creator | getTotalViews(…) |
|  | Class Artist or Creator | setTotalPLayedTime(…) |
|  | Class Artist or Creator | getTotalPLayedTime(…) |
|  | Class Song or Podcast | getDuration() |
|  | Class Song or Podcast | setView |
|  | Class Song or Podcast | getView |

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| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc008  Buy a song. | Class App | buySong() |
| Class MusicApp | searchUser(…) |
| Class MusicApp | searchAudio(…) |
|  | Class MusicApp | buySong(…) |
|  | Class MusicApp | countBuysForUser |
|  | Class Shop | getNickname. |
|  | Class Shop | Shop() |
|  | Class Song | setNumberSales(,,) |
|  | Class Song | getNumberSales() |
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| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc009  R Generate reports with the recorded data: | Class App | reports() |
| Class MusicApp | infoTotalViews() |
| Class Audio | getView() |
|  | Class MusicApp | infoMostViewSong(…) |
|  | Class MusicApp | searchUser(..) |
|  | Class MusicApp | mostSongViews() |
|  | Class Song | typeSong() |
|  | Class Standard or premium | mostSongViews() |
|  | Class MusicApp | infoMostViewPodcast(…) |
|  | Class MusicApp | mostPodcastViews() |
|  | Class Podcast | typePodcast() |
|  | Class Standard or premium | mostPodcastViews() |
|  | Class MusicApp | topArtist() |
|  | Class Artist | getTotalViews() |
|  | Class Artist | getName() |
|  | Class MusicApp | topCreator() |
|  | Class Creator | getName() |
|  | Class Artist | getTotalViews() |
|  | Class MusicApp | topSong() |
|  | Class MusicApp | topPodcast() |
|  | Class Song or Podcast | getView() |
|  | Class Song or Podcast | getName() |
|  | Class Song | typeStringSong() |
|  | Class Podcast | typeStringPodcast() |
|  | Class MusicApp | infoSongsSold() |
|  | Class Song | getNumberSales() |
|  | Class MusicApp | totalSalesSongs() |
|  | Class Song | getPrice() |
|  | Class MusicApp | mostSoldSong() |
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