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| **Functional requirement** | **Class Name** | **Method name** |
| **FuncRec001**  Register producer users. | NeoTunesApp | addUser(int type) : void |
| NeoTunesPlatform | addUser(…) : String |
| NeoTunesPlatform | searchUser(String nickname) : String |
|  | ContentCreator | ContentCreator(…) |
|  | Artist | Artist(…) |
| **FuncRec002**  Register consumer users. | NeoTunesApp | addUser(int type) : void |
|  | NeoTunesPlatform | addUser(…) : String |
|  | NeoTunesPlatform | searchUser(String nickname) : User |
|  | Standard | Standard(…) |
|  | Premium | Premium(…) |
| **FuncRec003**  Register songs | NeoTunesApp | addAudio() : void |
|  | NeoTunesPlatform | addAudio(…) : String |
|  | NeoTunesPlatform | searchAudio(String name) : Audio |
|  | NeoTunesPlatform | searchUser(nickname) : User |
|  | Song | Song(…) |
| **FuncRec004**  Register podcasts. | NeoTunesApp | addAudio() : void |
|  | NeoTunesPlatform | addAudio(…) : String |
|  | NeoTunesPlatform | searchAudio(String name) : Audio |
|  | NeoTunesPlatform | searchUser(nickname) : User |
|  | Podcast | Podcast(…) |
| **FuncRec005**  Create a playlist. | NeoTunesApp | createPlaylist() : void |
|  | NeoTunesPlatform | createPlaylist(…) : String |
|  | NeoTunesPlatform | createPlaylist(…) : String |
|  | NeoTunesPlatform | searchUser(String ickname) : User |
|  | NeoTunesPlatform | searchPlaylist(…) : PlayList |
|  | NeoTunesPlatform | searchAudio(…) : Audio |
|  | NeoTunesPlatform | generateMatriz(…) : int[][] |
|  | NeoTunesPlatform | generatePlaylistCode(…) : String |
|  | Standard | createPlayList(…) : String |
|  | Premium | createPlayList(…) : String |
|  | PlayList | PlayList(…) |
| **FuncRec006**  Edit a playlist. | NeoTunesApp | editPlaylist() : void |
|  | NeoTunesPlatform | searchUser(String ickname) : User |
|  | NeoTunesPlatform | searchPlaylist(…) : PlayList |
|  | NeoTunesPlatform | searchAudio(…) : Audio |
|  | NeoTunesPlatform | generateMatriz(…) : int[][] |
|  | NeoTunesPlatform | generatePlaylistCode(…) : String |
|  | PlayList | setMatriz(…) : void |
|  | PlayList | setCode(…) : void |
|  | PlayList | addAudio(…) : void |
|  | PlayList | removeAudio(…) : void |
|  | NeoTunesPlatform | searchSongInPlaylist(…) : boolean |
| **FuncRec007**  Share a playlist. | NeoTunesApp | sharePlaylist() : void |