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| Client | Neo-Tunes Company |
| User | Anyone who downloads the app |
| Functional requirements | **R1**: Register producer users of type artists and content creators.  **R2:** Register consumer users of type standard and premium.  **R3:** Register songs and podcasts.  **R4:** Create a playlist  **R5:** Edit a playlist  **R6:** Share a playlist  **R7:** Simulate playback of a song or podcast  **R8:** Buy a song  **R9:** Report the total accumulated reproductions on the entire platform for each type of audio, songs and podcast,  **R10:** Inform the genre of the most listened to song for a specific user and for the entire platform.  **R11:** Inform the most listened to podcast category for a specific user and for the entire platform.  **R12:** Report the name and number of total views for the members of the Top 5 artists and Top 5 content creators.  **R13:** Report the name, genre or category and total number of reproductions of each audio of the Top 10 songs and the Top 10 podcast.  **R14:** Report the number of sold songs and the total value of sales for each genre.  **R15:** Report the number of sales and the total sales value of the best-selling song on the platform.  **R16:** Show ads to Standard Consumer users. |
| Problem context | * Develop a software prototype that allows Neo-Tunes to enter the market for streaming music and audio content. The company's business model has two focuses, user subscriptions and the sale of songs through the platform. |
| No functional requirements | **RN1:** the system must be secure. |

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| Name or identifier | **R1**: Register producer users of type artists and content creators. | | |
| Resume | The system must allow the register of producer users, they have a name that identifies them, an id, the date of the profile creation and an url to the image of the profile photo and a list of songs or podcasts | | |
| Inputs | Input name | Datatype | Selection or repetition condition |
| name | String | Every user has a name |
| id | String | Every player has an identification number. This can’t be repeated |
| date | LocalDate | Date of bonding to the app |
| songs/podcast | Song/Podcast | If the user is an Artist he have a list of songs and if is a Content creator then have a list of podcasts. |
| General activities necessary to obtain the results | Save the inputs and all player data | | |
| Result or postcondition | Register a producer user | | |
| Outputs | Output name | Datatype | Selection or repetition condition |
| creationMessage | String | Mention if the user was created or if there was an error in the process |