**Logo, company name

Description automatically generated**

**Music streaming app**

**[Grupo 1002]**

**Table of Contents**

**Context description2**

**UML diagram3**

**Participation4**

**Context description**

As part of the project that was proposed in the curricular unit Databases, we intend to develop a database for a music streaming application. The goal is to store information regarding user and artist profiles, albums, playlists, songs and music genres.

User profiles can create their own playlists and save others that they have not created themselves. They can also listen and save songs, save albums, and can follow artists and other users. To create an account it is required a username, an email, password, date of birth, profile picture, and to choose whether they wants a free or a premium account. A playlist is characterized by name, number of songs and contains songs.

Artist profiles are associated with a name, profile picture, number of listens their songs have combined and number of followers. Artists can release albums.

An album has a registered name, number of songs, year of release and cover art. It can be an Extended Play (EP), Long Play (LP) or a Single. It belongs to one or more artists and contains songs. Each song has a name, running time, has a defined position within the album and belongs to at least one musical Genre. The number of times each song is listened to is also saved.

**UML diagram**

**A picture containing text, night sky

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**Participation - Deliverable I**

**Hugo –** Contributed with changes to the initial idea and elaborated the context description. Cleaned up the first version of the conceptual model to its final version. Made the final report.

**José –** Proposed the idea for the theme and drafted the first sketch for the project. Developed the first version of the UML diagram that served as the base version which was later cleaned up.