

## Exercise 2

## Scenario

An online music library allows users to explore and enjoy a diverse collection of music. The library features songs and albums from various artists and genres, enabling users to create playlists and discover new music. The service collaborates with different music labels to ensure a rich and up-to-date collection. The platform also includes reviews and ratings, providing users with community insights on their favorite tracks and albums.

## Entities List

1. **Artist** – artist specific information
2. **Album** – album specific information
3. **Song** – song specific information
4. **Genre** – genre lookup table
5. **Label** – label lookup table
6. **User** – user specific information
7. **Playlist** – playlist specific information
8. **Review/Rating** – user review split up by type to ensure correct FK reference
  - a. SongReview
  - b. AlbumReview
  - c. ArtistReview
9. **Cross-reference tables**
  - a. **AlbumSong** – albums are made up of many different songs
  - b. **AlbumArtist** – albums are made of one or more artists
  - c. **ArtistSong** – artists can have many songs
  - d. **PlaylistSong** – playlists can have many songs by different artists

# ERD

