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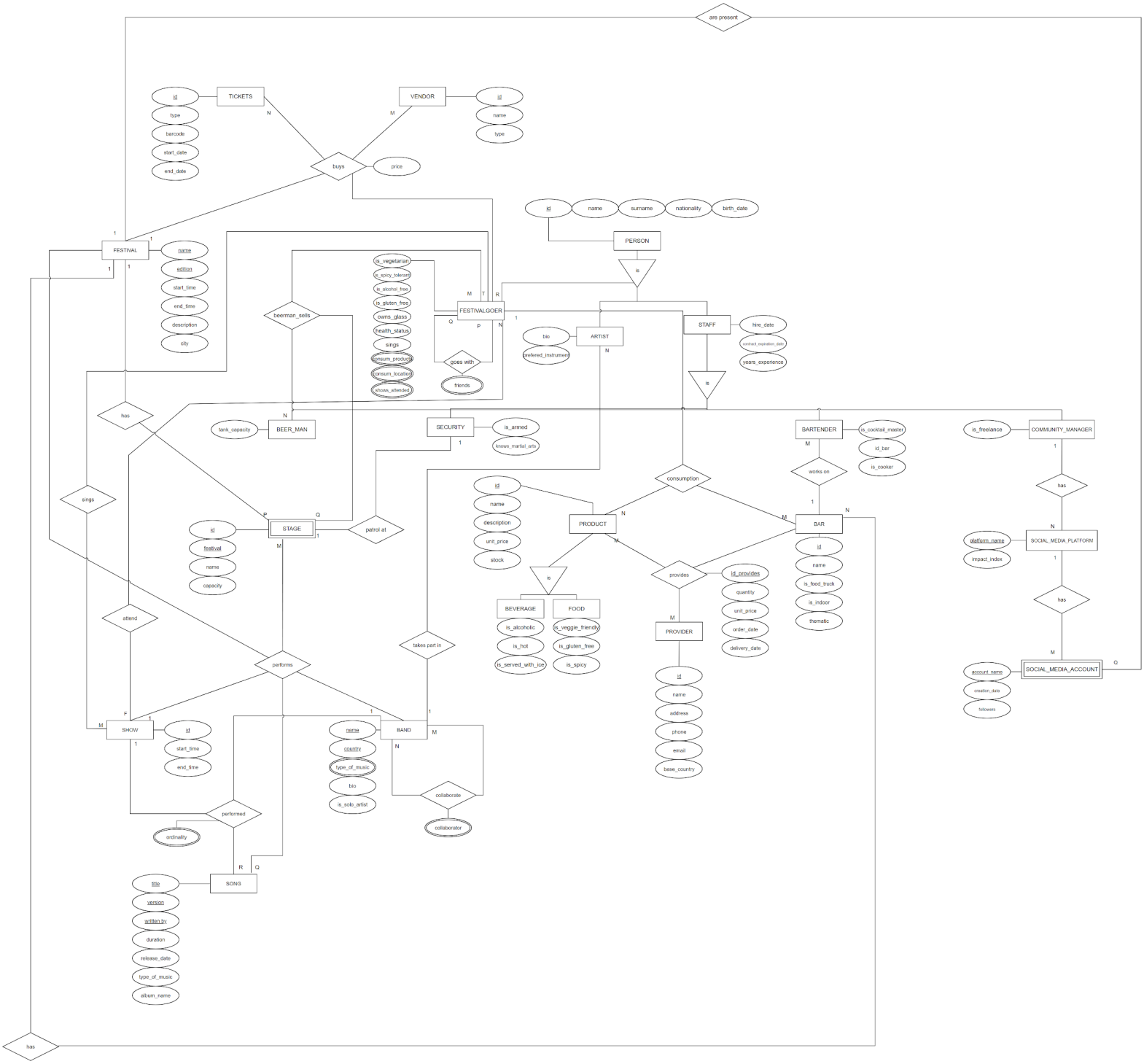
Lab 1 - Music Festival Report

Databases

Conceptual Model



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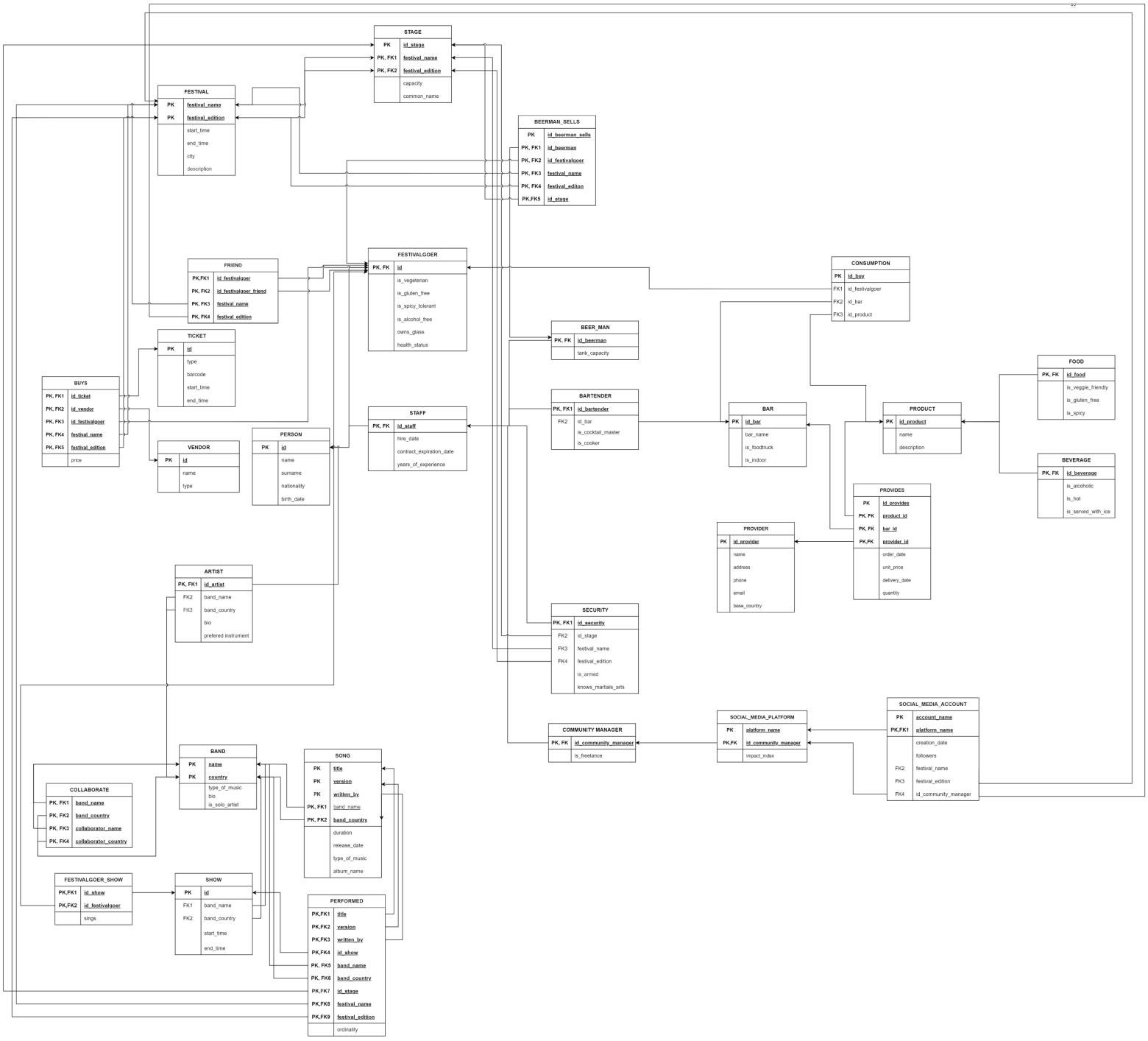
Relational Model



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Approach Justification

Even though we could make a very long document explaining all the reasoning and discussion behind the creation of each relation, we will try to focus specifically on the key aspects or those who presented the most difficulty for us. To make it easier to read, they are organized as the following bullet points:

- Firstly, we thought that the Sings table would represent the songs each *festivalgoer* had sung in the festival, however, when we uploaded the CSV files we realized that there was no real need for it as we only needed to know if they sung a song at a festival and not the name of each song.

- Moreover, notice that the approach we took for community management, the social media accounts and platforms is slightly different from the one that the CSV files seem prepared to use. Nevertheless, it's still fully functional and from our point of view even more efficient. We considered that each community manager manages a number of social media platforms, each of which can have multiple accounts belonging to different festivals or festival editions.

Other than these aspects, the creation of the conceptual and relational model was purely a task of reading carefully and identifying correctly the attributes that corresponded to each entity. The process of creating the tables and inserting the data was also helpful to spot mistakes and optimize the existing tables.