# **Diagram Justification**

**Entities**:

* **Singer**

- The singer is an entity that holds the info on what song needs to be queued and what type of queue it needs to be submitted.

* **Song**

- The song is an entity that hotels the info on what

* **Contributor**

**-** The contributor is an entity on how a person provides any part of Song Entity-

* **File**

-File entity holds the information of a song, for example, the version of the song

**Relationships**

* **Queue**
* Queue is a 1 to many relationship between singer and song. Many or 1 singers can queue many or one songs
* **Feature**
* Feature is a 1 to many relationship between song and contributor. As many or 1 song can hold many or one feature. The feature also identifies the contributor with a respectable roles
* **Stored**
* Stored is a many-to-one relationship between song and file. Every single song will hold one file, however, some songs can hold MANY files

**Attributes**:

* **Singer**
  + **ID: Primary key to identify a singer**
  + **Name: Identifier attribute for singer**
* **Song**
  + **SongID: Primary key for a specific song and its respectable version**
  + **Name: Name of song**
  + **Artist: the MAIN contributor of a song**
* **Contributor**
  + **ContID: Uniquely identify a specific contributor**
  + **Name: Name of contributor**
* **File**
  + **SongFileID: Primary key for**
  + **Name: Identifier attribute for file**
* **Queue**
  + **Money: determinator attribute weather the song is in a free queue or an accelerated queue**
* **Feature**
  + **Version: attribute that identifies the variation of the song(instrumental acoustic clean ect)**
* **Stored**
  + **Role: intersection data to determine the contributors role(s)**