Database specification and analysis

* We will be using a case diagram. We will be using the login and accounts ID as a Primary Keys because both user and account database can be accessed. On the other hand, Tags, Name, Add/Remove/ Song List as well as playlistID and songID is the Foreign Keys due to the User being the only one to access.

Accounts Following Artists

acntID

artistID

Song Owner

acntID

sID

1

1

1

M

M

Non Artist

accountID

username

email

location

1

Artist

accountID

username

email

location

stageName

1

1

M

M

Playlist with Songs

*playlistID*

*songID*

M

1

Playlist

playlistID

ownerID

name

album

playlistTag

Primary key is shown through underline and foreign key is shown by italicizing.

|  |  |  |
| --- | --- | --- |
| playlistID | songID | name |
| 000000001 | 0000001 | Alphabet Aerobics |
| 000000001 | 0000002 | Thrift Shop |

* Java, Python, HTML, CLI-Unix, SQL, C, Beta-testing, Analyzing/ transposing code are the language we will be using.

MySQL and Oracle will also be used for our music streaming service.