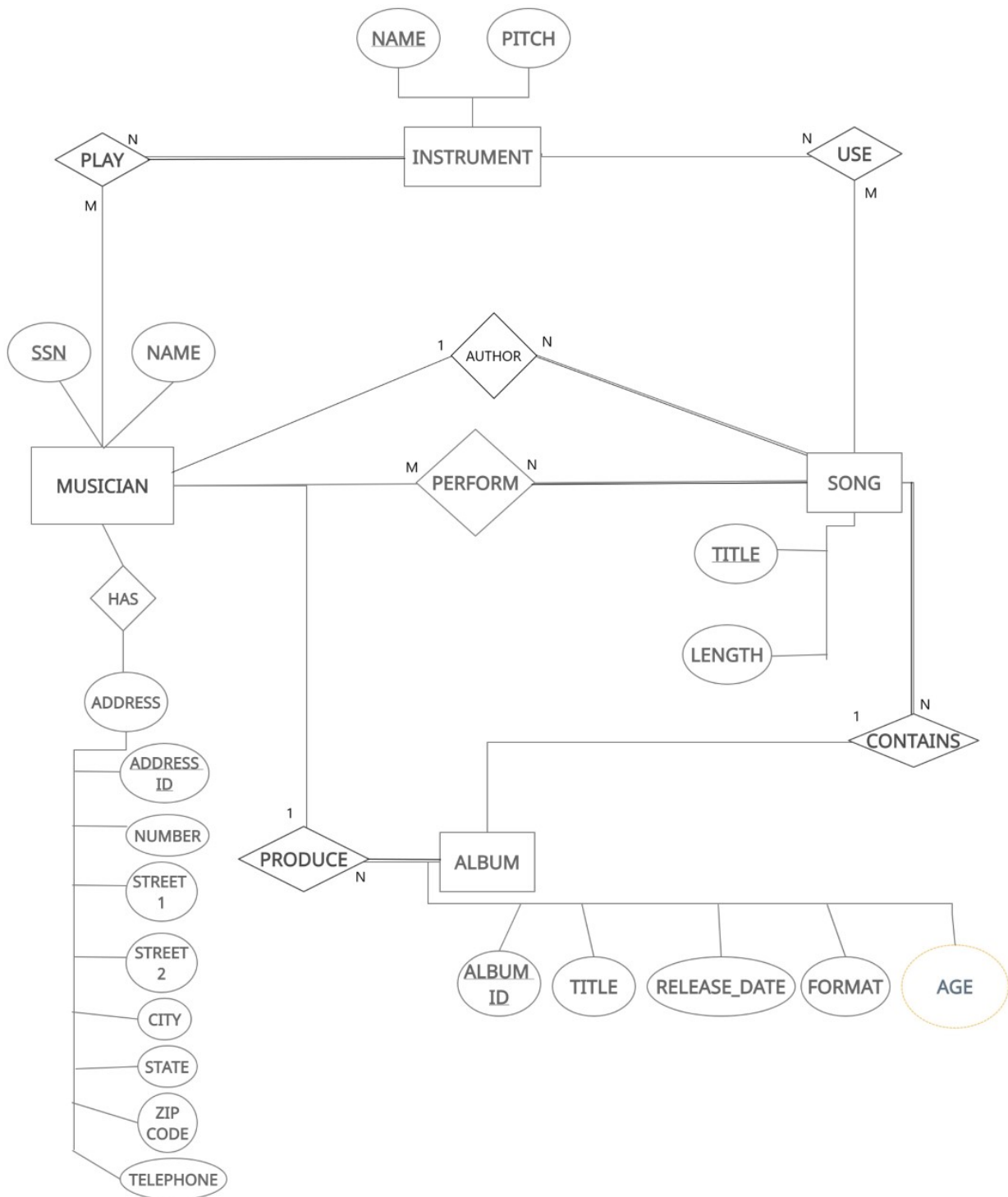**SAIRAJ JADHAV**
015744118

ANSWER #1

SAIRAJ JADHAV
015744118

ANSWER #2

REQ_01 - Region Registration
  Rationale: A region is identified by a Name.

REQ_02 - State Registration
  Rationale: A state is identified by a Name.

REQ_03 - Region and State Relationship
  Rationale: Each STATE has a unique region but a REGION may have more than one state.

REQ_04 - City Registration
  Rationale: A CITY is identified by a Name.

REQ_05 - City and State Registration
  Rationale: A STATE has many cities but each city has only one STATE

REQ_06 - Congressman Registration
  Rationale: A CONGRESSMAN is identified by a Name and has an attribute Website that can have multiple values

REQ_07 - City and Congressman relationship
  Rationale: Each CITY elects one or more than one CONGRESSMAN and each CONGRESSMAN can be elected by more than one number of cities. The election has the attribute StartDate.

REQ_08 - Political Party Registration
  Rationale: A POLITICAL PARTY is identified by Name.

REQ_09 - Congressman and Political Party relationship
  Rationale: A POLITICAL PARTY has several CONGRESSMAN but Each CONGRESSMAN belongs to only one POLITICAL PARTY.

REQ_10 - Bill Registration
  Rationale: A BILL is identified by a Name and has attributes like Vote Date and Status.

REQ_11 - Congressman and Bill relationship - Authorship
  Rationale: A CONGRESSMAN can draft multiple BILLS but Each BILL should be drafted by a single CONGRESSMAN
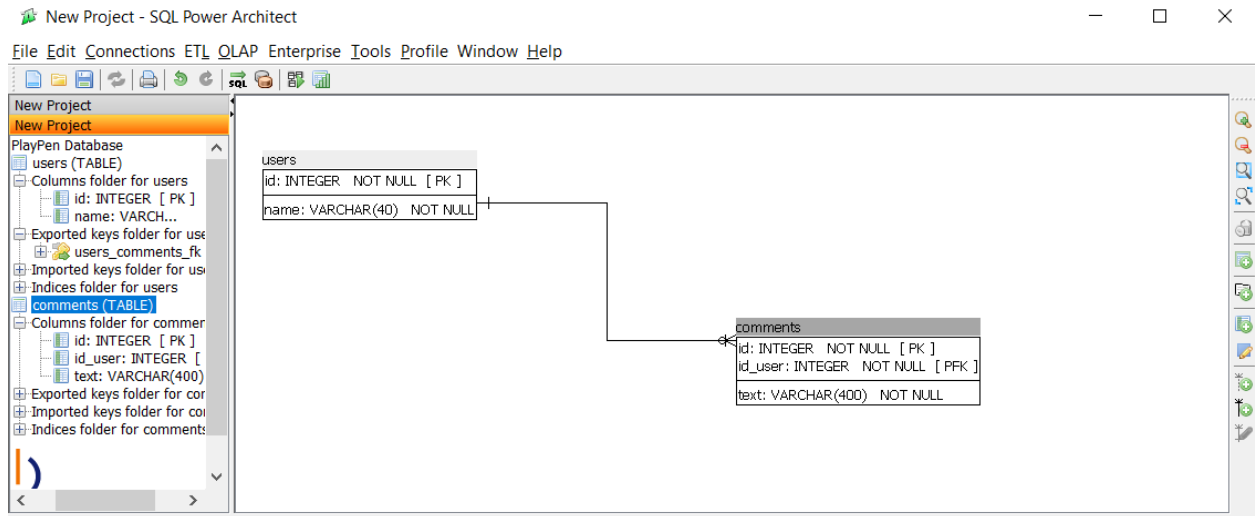
REQ_12 - Congressman and Bill relationship - Voting
  Rationale: A CONGRESSMAN can vote for several BILLS and a BILL can be voted by several CONGRESSMAN.

SAIRAJ JADHAV
015744118
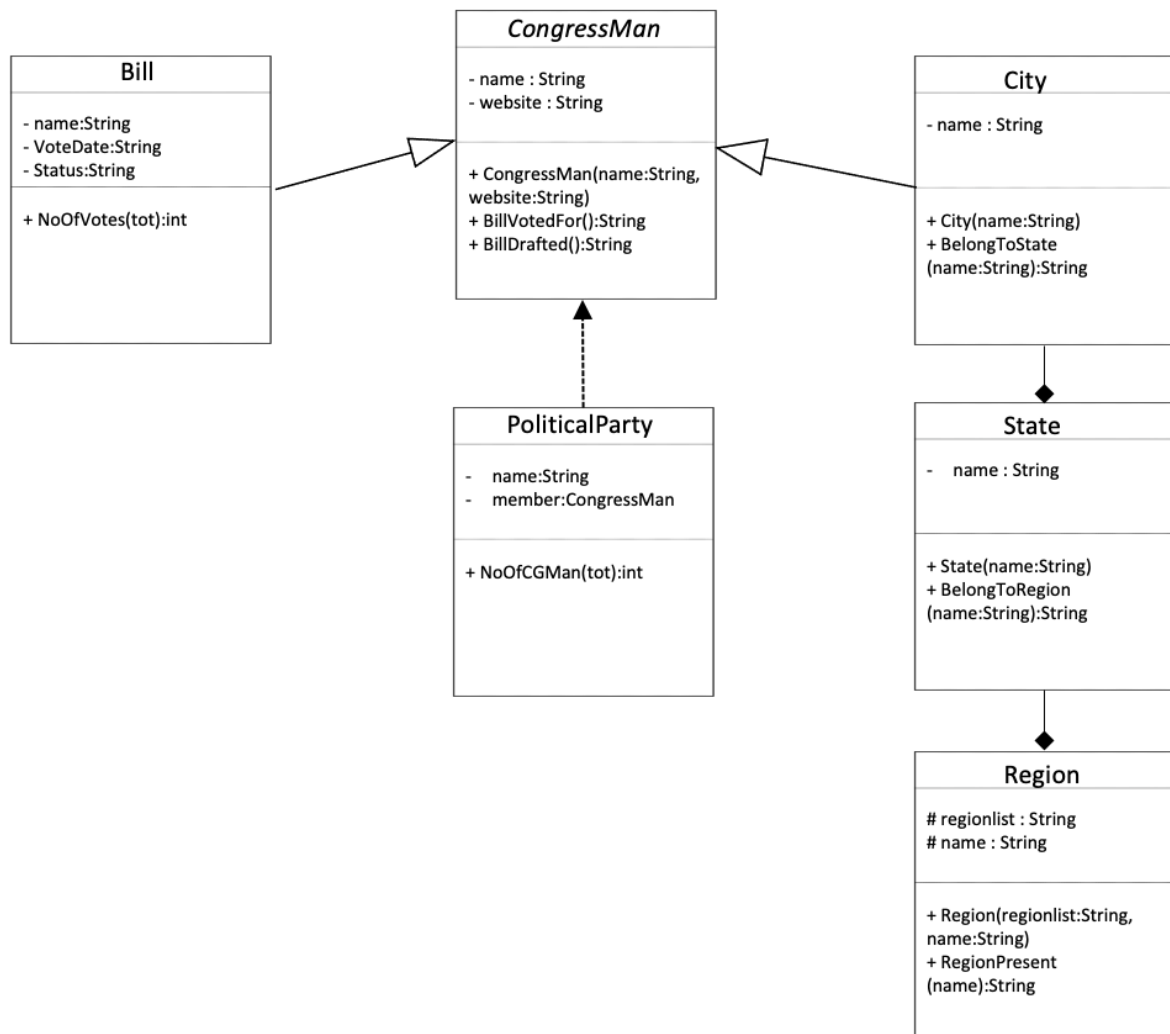

ANSWER #3

a)

b)

https://github.com/Saairajj/CS5800/tree/main/postgres_question_3

SAIRAJ JADHAV
015744118

ANSWER #4

ANSWER #5