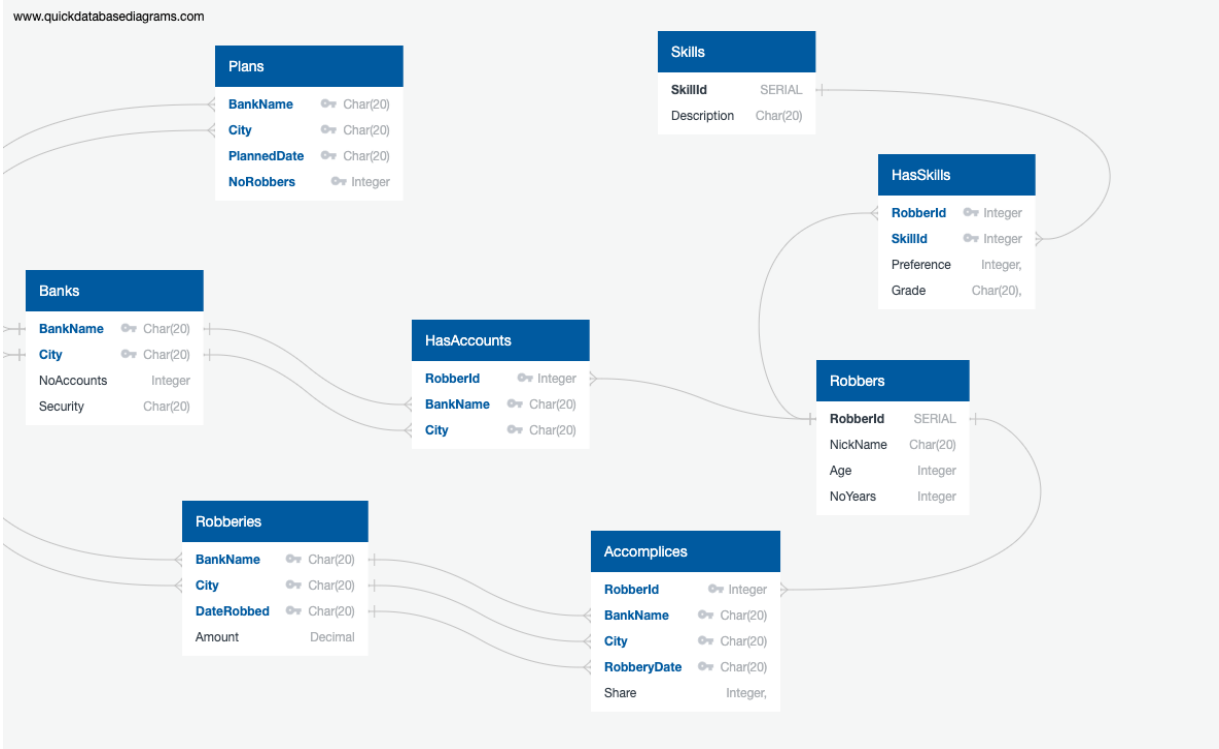
Postgres “Robbers” Database Project

This project uses Postgres Database Management System to design, build, populate, manipulate and query a database that represents a simulated police department's information regarding a series of known criminals. The design of the database schema can be seen below.



Tasks

- I first **designed** the schema, deciding upon the tables that would be used and the **constraints**, **keys**, **data types** and **update protocols** that would best serve a potential user and ensure consistency and reliability.

- I then **populated** the Database from a series of data files extracted from excel spreadsheets.

- I then manipulated the Database using a series of **Insert**, **Update** and **Delete** methods.

- Finally I demonstrated a wide variety of queries upon the Database, from the simple to very complex using **Joins**, **Views**, **Order By**, **Logical** and **Arithmetic** Operators, the **Stepwise** and **Nested** Approaches.