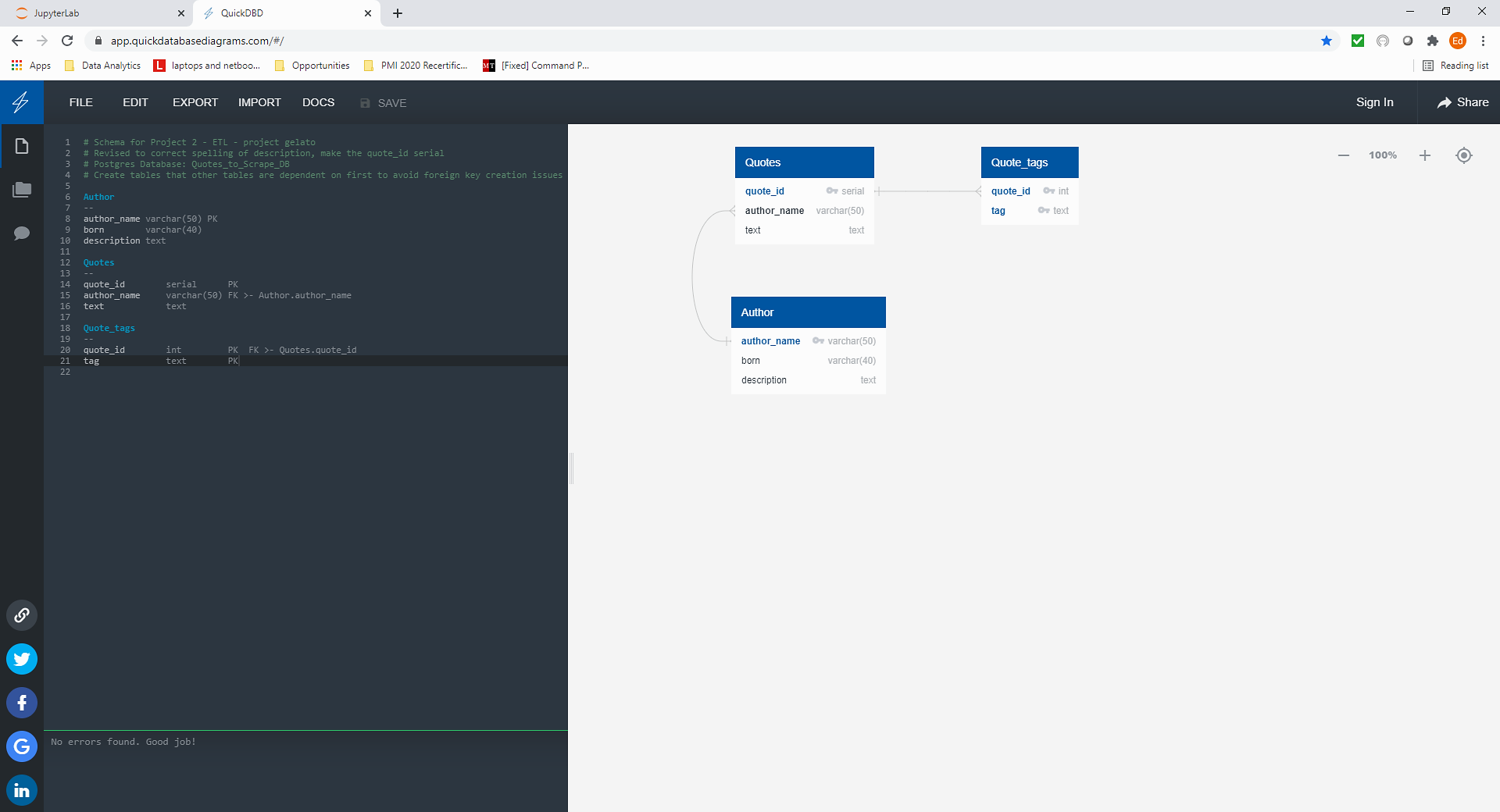
**Changes: Corrected spelling on description, made quote\_id serial and added the lines from quickdb**

**Made the tag and the quote text to account for he lengths**

**ScreenShot of quickdatabasediagrams.com output (note: full screenshot at end of this document)**

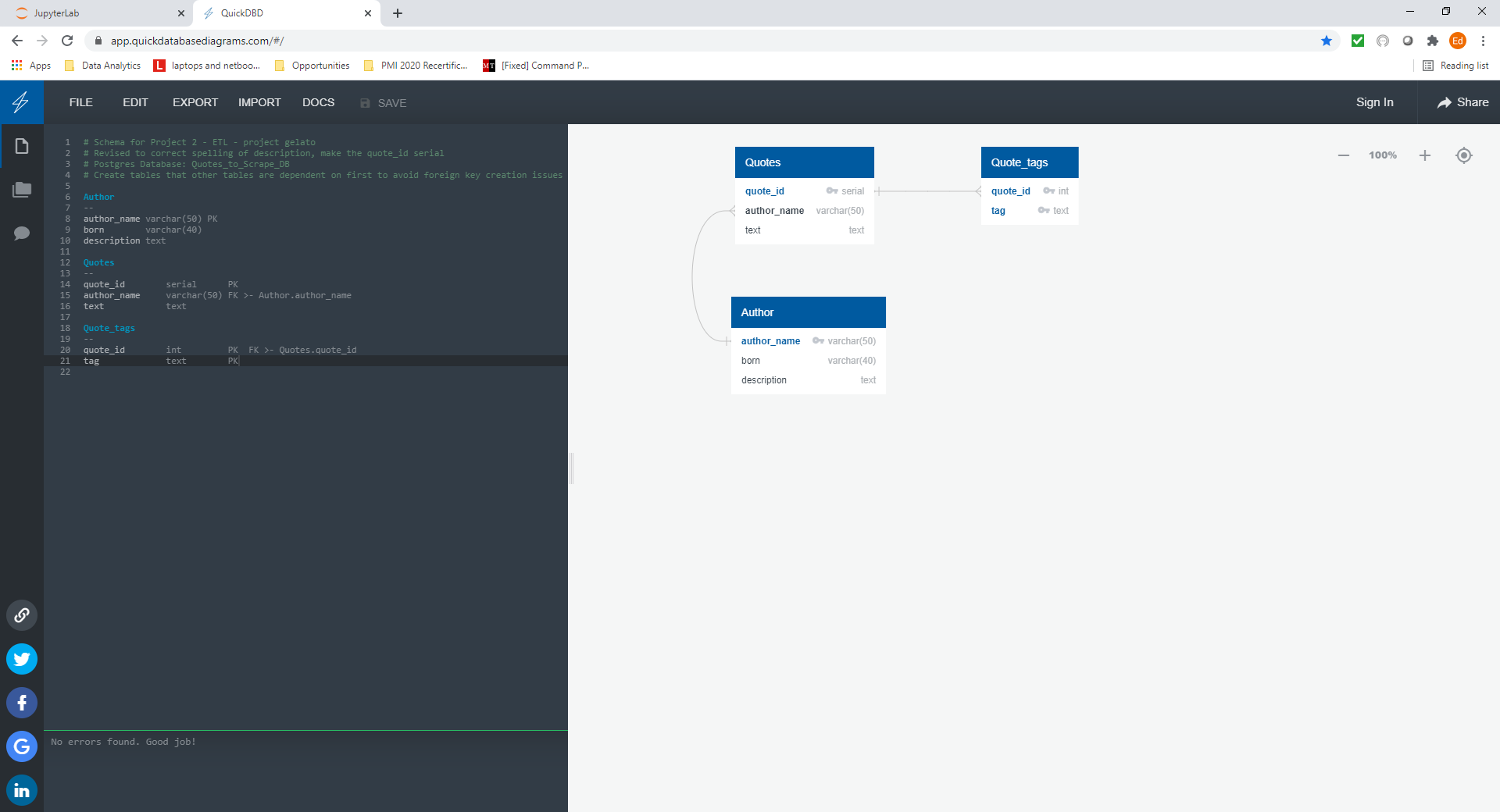
**Postgress Database: Quotes\_to\_Scrape\_DB**

**ERD Portion**



(Next pages – code screen and copy paste of code)

**Code Portion**



**CODE to Generate the Diagram above**

# Schema for Project 2 - ETL - project gelato

# Revised to correct spelling of description, make the quote\_id serial

# Postgres Database: Quotes\_to\_Scrape\_DB

# Create tables that other tables are dependent on first to avoid foreign key creation issues

Author

--

author\_name varchar(50) PK

born varchar(40)

description text

Quotes

--

quote\_id serial PK

author\_name varchar(50) FK >- Author.author\_name

text text

Quote\_tags

--

quote\_id int PK FK >- Quotes.quote\_id

tag text PK

**Schema generated from quickdatabaseDiagrams.com**

**NOTE: The Schema generated has “” around all the tables and variables – THESE MUST BE REMOVED!**

-- Exported from QuickDBD: https://www.quickdatabasediagrams.com/

-- NOTE! If you have used non-SQL datatypes in your design, you will have to change these here.

-- Schema for Project 2 - ETL - project gelato

-- Revised to correct spelling of description, make the quote\_id serial

-- Postgres Database: Quotes\_to\_Scrape\_DB

-- Create tables that other tables are dependent on first to avoid foreign key creation issues

CREATE TABLE Author (

author\_name varchar(50) NOT NULL,

born varchar(40) NOT NULL,

description text NOT NULL,

CONSTRAINT pk\_Author PRIMARY KEY (author\_name)

);

CREATE TABLE Quotes (

quote\_id serial NOT NULL,

author\_name varchar(50) NOT NULL,

text text NOT NULL,

CONSTRAINT pk\_Quotes PRIMARY KEY (quote\_id)

);

CREATE TABLE Quote\_tags (

quote\_id int NOT NULL,

tag text NOT NULL,

CONSTRAINT pk\_Quote\_tags PRIMARY KEY (quote\_id,tag)

);

ALTER TABLE Quotes ADD CONSTRAINT fk\_Quotes\_author\_name FOREIGN KEY(author\_name)

REFERENCES Author (author\_name);

ALTER TABLE Quote\_tags ADD CONSTRAINT fk\_Quote\_tags\_quote\_id FOREIGN KEY(quote\_id)

REFERENCES Quotes (quote\_id);