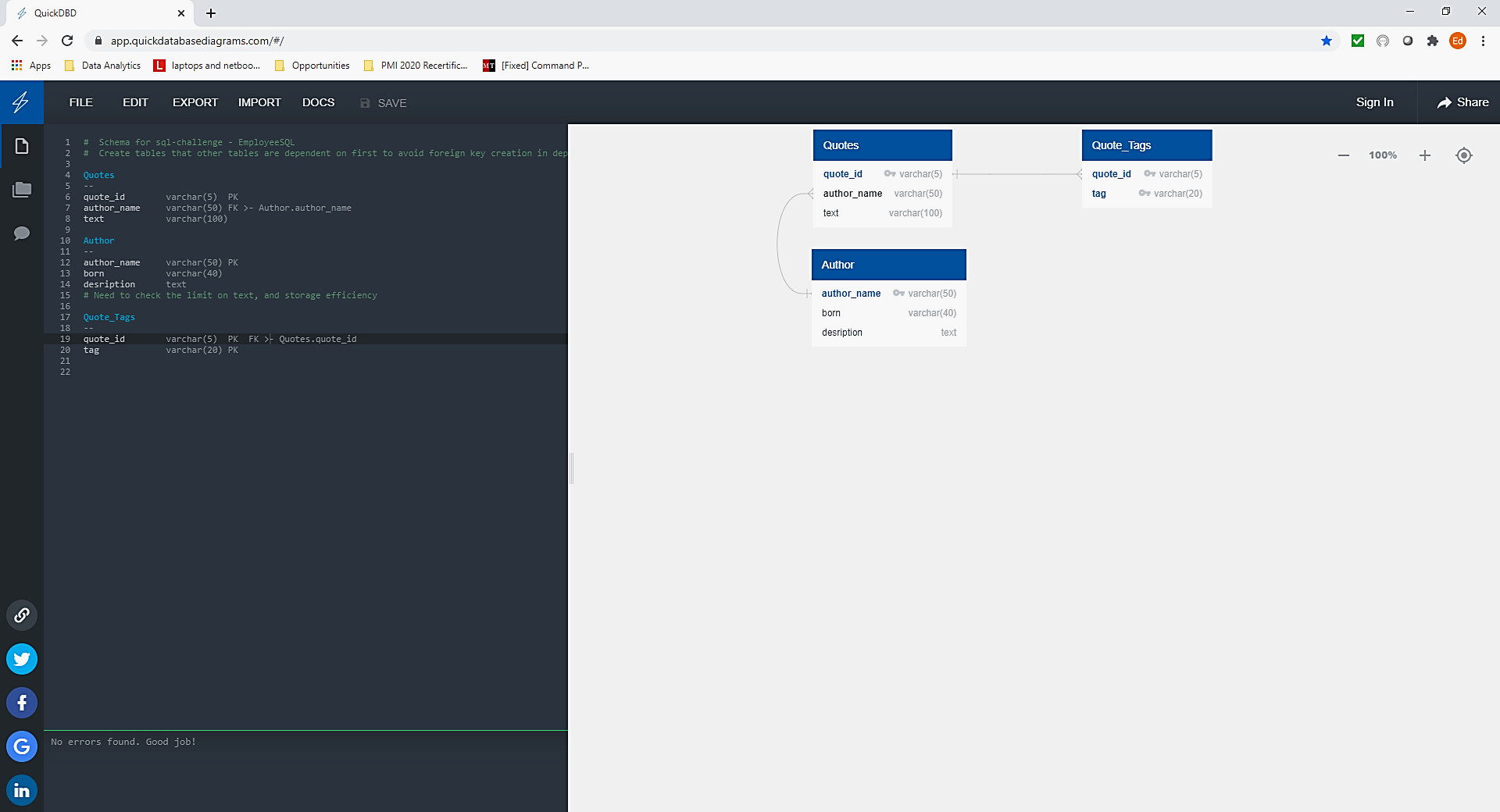
**ScreenShot of quickdatabasediagrams.com output (note: full screenshot at end of this document)**

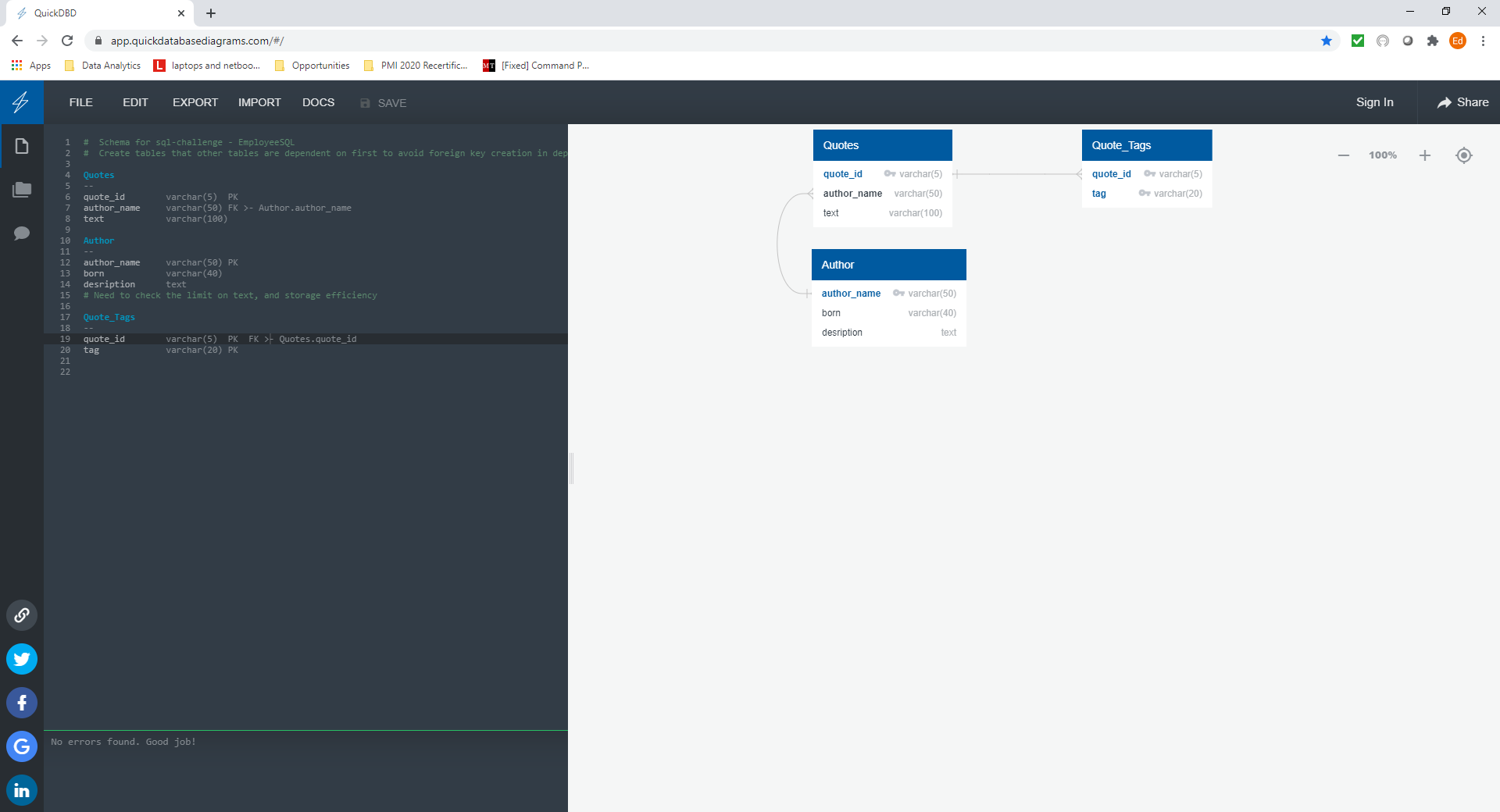
**Postgress Database: Quotes\_to\_Scrape\_DB**

**ERD Portion**



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

**Code Portion**



**CODE to Generate the Diagram above**

-- 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 - Projct gelato – **Postgress Database: Quotes\_to\_Scrape\_DB**

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

CREATE TABLE "Quotes" (

"quote\_id" varchar(5) NOT NULL,

"author\_name" varchar(50) NOT NULL,

"text" varchar(100) NOT NULL,

CONSTRAINT "pk\_Quotes" PRIMARY KEY (

"quote\_id"

)

);

CREATE TABLE "Author" (

"author\_name" varchar(50) NOT NULL,

"born" varchar(40) NOT NULL,

"desription" text NOT NULL,

CONSTRAINT "pk\_Author" PRIMARY KEY (

"author\_name"

)

);

-- Need to check the limit on text, and storage efficiency

CREATE TABLE "Quote\_Tags" (

"quote\_id" varchar(5) NOT NULL,

"tag" varchar(20) 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"); Full Screen Shot – all components