CREATE TABLE public.users(

id INT GENERATED BY DEFAULT AS IDENTITY (INCREMENT 1 START 1 MINVALUE 1 MAXVALUE 1247483647 CACHE 1),

email CHARACTER VARYING(320) NOT NULL,

password CHARACTER VARYING(25) NOT NULL,

CONSTRAINT pk\_users PRIMARY KEY(id),

CONSTRAINT uc\_users\_email UNIQUE(email)

);

CREATE TABLE public.system\_users(

id INT NOT NULL,

first\_name CHARACTER VARYING(35) NOT NULL,

last\_name CHARACTER VARYING(35) NOT NULL,

CONSTRAINT pk\_system\_users PRIMARY KEY(id),

CONSTRAINT fk\_system\_users\_users FOREIGN KEY(id) REFERENCES public.users(id)

);

CREATE TABLE public.candidates(

id INT NOT NULL,

first\_name CHARACTER VARYING(35) NOT NULL,

last\_name CHARACTER VARYING(35) NOT NULL,

identity\_number CHARACTER VARYING(11) NOT NULL,

birth\_year INT NOT NULL,

CONSTRAINT pk\_candidates PRIMARY KEY(id),

CONSTRAINT fk\_candidates\_users FOREIGN KEY(id) REFERENCES public.users(id),

CONSTRAINT uc\_candidates\_identity\_number UNIQUE(identity\_number)

);

CREATE TABLE public.employers(

id INT NOT NULL,

company\_name CHARACTER VARYING(255) NOT NULL,

web\_address CHARACTER VARYING(50) NOT NULL,

phone\_number CHARACTER VARYING(12) NOT NULL,

CONSTRAINT pk\_employers PRIMARY KEY(id),

CONSTRAINT fk\_employers\_users FOREIGN KEY(id) REFERENCES public.users(id)

);

CREATE TABLE public.verification\_codes(

id INT GENERATED BY DEFAULT AS IDENTITY (INCREMENT 1 START 1 MINVALUE 1 MAXVALUE 1247483647 CACHE 1),

code CHARACTER VARYING(38) NOT NULL,

is\_verified BOOLEAN NOT NULL,

verified\_date DATE,

CONSTRAINT pk\_verification\_codes PRIMARY KEY(id),

CONSTRAINT uc\_verification\_codes\_code UNIQUE(code)

);

CREATE TABLE public.verification\_code\_candidates(

id INT NOT NULL,

candidate\_id INT NOT NULL,

CONSTRAINT pk\_verification\_code\_candidates PRIMARY KEY(id),

CONSTRAINT fk\_verification\_code\_candidates\_verification\_codes FOREIGN KEY(id) REFERENCES public.verification\_codes(id),

CONSTRAINT fk\_verification\_code\_candidates\_candidates FOREIGN KEY(candidate\_id) REFERENCES public.candidates(id)

);

CREATE TABLE public.verification\_code\_employers(

id INT NOT NULL,

employers\_id INT NOT NULL,

CONSTRAINT pk\_verification\_code\_employers PRIMARY KEY(id),

CONSTRAINT fk\_verification\_code\_employers\_verification\_codes FOREIGN KEY(id) REFERENCES public.verification\_codes(id),

CONSTRAINT fk\_verification\_code\_employers\_employers FOREIGN KEY(employers\_id) REFERENCES public.employers(id)

);

CREATE TABLE public.system\_user\_confirms(

id INT GENERATED BY DEFAULT AS IDENTITY (INCREMENT 1 START 1 MINVALUE 1 MAXVALUE 1247483647 CACHE 1),

system\_user\_id INT NOT NULL,

is\_confirmed BOOLEAN NOT NULL,

confirm\_date DATE,

CONSTRAINT pk\_system\_user\_confirms PRIMARY KEY(id),

CONSTRAINT fk\_system\_user\_confirms\_system\_user\_id FOREIGN KEY(system\_user\_id) REFERENCES public.system\_users(id)

);

CREATE TABLE public.system\_user\_confirm\_employers(

id INT NOT NULL,

employer\_id INT NOT NULL,

CONSTRAINT pk\_system\_user\_confirm\_employers PRIMARY KEY(id),

CONSTRAINT fk\_system\_user\_confirm\_employers\_system\_user\_confirms FOREIGN KEY(id) REFERENCES public.system\_user\_confirms(id),

CONSTRAINT fk\_system\_user\_confirms\_employers\_employers FOREIGN KEY(employer\_id) REFERENCES public.employers(id)

);

CREATE TABLE public.job\_titles(

id INT GENERATED BY DEFAULT AS IDENTITY (INCREMENT 1 START 1 MINVALUE 1 MAXVALUE 1247483647 CACHE 1),

title CHARACTER VARYING(255) NOT NULL,

CONSTRAINT pk\_job\_titles PRIMARY KEY(id),

CONSTRAINT uc\_job\_titles\_title UNIQUE(title)

);