CREATE DATABASE "BBB-DataBase";

CREATE SCHEMA bbb\_dbs;

CREATE TABLE bbb\_dbs.user (

cpr character(10) NOT NULL PRIMARY KEY,

name character varying(100) NOT NULL,

address character varying(100) NOT NULL,

phone\_nr character varying(100) NOT NULL,

email character varying(100) NOT NULL,

password character varying(100) NOT NULL,

approved boolean NOT NULL,

deletion\_date date,

user\_type public.user\_type NOT NULL

);

CREATE DOMAIN bbb\_dbs.user\_type AS character varying

CONSTRAINT user\_type\_check CHECK (((VALUE)::text = ANY ((ARRAY['client'::character varying, 'staff'::character varying, 'manager'::character varying])::text[])));

CREATE TABLE bbb\_dbs.account (

account\_nr character varying(100) NOT NULL PRIMARY KEY,

description character varying(500),

balance real,

cpr character(10) NOT NULL,

FOREIGN KEY(cpr) REFERENCES bbb\_dbs.user(cpr)

);

CREATE TABLE bbb\_dbs.exchange\_rate (

name character(3) NOT NULL PRIMARY KEY,

value double precision,

number\_of\_accounts integer

);

CREATE TABLE bbb\_dbs.history (

history\_id integer NOT NULL PRIMARY KEY,

date date NOT NULL,

"time" time without time zone NOT NULL,

description character varying(500) NOT NULL,

cpr character(10) NOT NULL,

FOREIGN KEY(cpr) REFERENCES bbb\_dbs.user(cpr)

);

CREATE TABLE bbb\_dbs.loan (

loan\_id integer NOT NULL PRIMARY KEY,

amount double precision NOT NULL,

cpr character(10) NOT NULL,

FOREIGN KEY(cpr) REFERENCES bbb\_dbs.user(cpr)

);