CREATE TABLE Bank

(“BankID” varchar(25) PRIMARY KEY NOT NULL,

“address” varchar(30),

“Name” varchar(25));

CREATE TABLE customer

(”customerID” varchar(25) PRIMARY KEY NOT NULL,

“firstName” varchar(25),

“lastName” varchar(25),

“address” varchar(25),

“email” varchar(25),

“country” varchar(20),

“phoneNumber” integer(15),

“age” integer(3),

“BankID” varchar(25),

CHECK (age>=18),

FOREIGN KEY (“BankID”) REFERENCES Bank(“BankID”)

ON DELETE CASCADE);

CREATE TABLE account

(“accountID” varchar(25) PRIMARY KEY NOT NULL,

“customerid” varchar(25),

“currentBalance” float(20),

“savingsAccount” bool,

“frozen” bool DEFAULT “0”,

FOREIGN KEY (“customerid”) REFERENCES customer(“customerID”)

ON DELETE CASCADE);

CREATE TABLE admin

(“workerID” varchar(25) PRIMARY KEY NOT NULL,

“name” varchar(25),

“BankID” varchar(25),

FOREIGN KEY (“BankID”) REFERENCES Bank(“BankID”));

CREATE TABLE accountAdmin

(“accountid” varchar(25),

“workerid” varchar(25),

FOREIGN KEY(“accountid”)

REFERENCES account(“accountID”),

FOREIGN KEY(“workerid”)

REFERENCES admin(“workerID”)

);

CREATE TABLE bankCard

(“cardNumber” varchar(16) PRIMARY KEY NOT NULL,

“pinCode” varchar(4),

“verificationNumber” varchar(3),

“type” varchar(12),

“onlineLimit” INTEGER,

“cashLimit”INTEGER,

“cardLimit” INTEGER,

“credit” INTEGER,

“accountid” varchar(25),

FOREIGN KEY (“accountid”) REFERENCES account(“accountID”)

);

CREATE TABLE AccountEvent

(“EventID” INTEGER PRIMARY KEY NOT NULL,

“Date” varchar(25),

“accountid” varchar(25),

“toFromWhere” varchar(25),

FOREIGN KEY (“accountid”) REFERENCES account(“accountID”));

CREATE TABLE logIn

(“user” varchar(25) PRIMARY KEY NOT NULL,

“password” varchar(30),

“ID” varchar(25),

“admin” bool default 0

);

INSERT INTO Bank

(“BankID”, “address”, “Name”)

VALUES

(“B1G 84NK”, “jokinkatu 16”, “BigBank”);

INSERT INTO customer

(“customerID”, “firstName”, “lastName”, “address”, “email”, “country”, “phoneNumber”, “age”,”BankID”)

Values

('15BH', 'Matti', 'Meikalainen', 'Jokinkatu 16', 'meikalainen14@gmail.com', 'Suomi', 0123456922, 24, 'B1G 84NK');

INSERT INTO account

(“accountID”, “customerid”, “currentBalance”, “savingsAccount”, “frozen”)

Values

('50TTS9', '15BH', '3000', 0, 0);

INSERT INTO admin

(“workerID”, “name”, “BankID”)

Values

('16S', 'Johanna Uskola', 'B1G 84NK');

INSERT INTO accountAdmin

(“accountID”, “workerid”)

Values

('50TTS9', '16S');

INSERT INTO bankCard

(“cardNumber”, “pinCode”, “verificationNumber”, “type”, “onlineLimit”, “cashLimit”, “cardLimit”, “credit”, “accountid”)

Values

('5555 1234 2233 1560', '1234', '000', 'debit&credit', '200', '300', '400', '500', '50TTS9');

INSERT INTO logIn

(“user”, “password”, “ID”)

Values

('Meika15', 'salasana123', '15BH');

INSERT INTO logIn

(“user”, “password”, “ID”, admin)

Values

('Admin123', 'admin123', '16S', '1');

INSERT INTO customer

(“customerID”, “firstName”, “lastName”, “address”, “email”, “country”, “phoneNumber”, “age”,”BankID”)

Values

('1SS8', 'Joonas', 'Jokimaki', 'Helluntai Tie 12', 'Jojo12@gmail.com', 'Suomi', 098754123, 21, 'B1G 84NK');

INSERT INTO account

(“accountID”, “customerid”, “currentBalance”, “savingsAccount”, “frozen”)

Values

('14S70', '1SS8', '13000', 1, 0);

INSERT INTO account

(“accountID”, “customerid”, “currentBalance”, “savingsAccount”, “frozen”)

Values

('14S77', '1SS8', '240', 0, 0);

INSERT INTO bankCard

(“cardNumber”, “pinCode”, “verificationNumber”, “type”, “onlineLimit”, “cashLimit”, “cardLimit”, “credit”, “accountid”)

Values

('5555 4444 3320 5602', '1111', '141', 'debit', '150', '300', '200', '0', '14S77');

INSERT INTO bankCard

(“cardNumber”, “pinCode”, “verificationNumber”, “type”, “onlineLimit”, “cashLimit”, “cardLimit”, “credit”, “accountid”)

Values

('5555 1212 3340 5603', '1234', '000', 'debit&credit', '500', '600', '550', '500', '14S77');

INSERT INTO logIn

(“user”, “password”, “ID”)

Values

('HeiHei', 'Hei123', '1SS8');

INSERT INTO accountAdmin

(“accountID”, “workerid”)

Values

('14S77', '16S');

INSERT INTO accountAdmin

(“accountID”, “workerid”)

Values

('14S70', '16S');

INSERT INTO customer

(“customerID”, “firstName”, “lastName”, “address”, “email”, “country”, “phoneNumber”, “age”,”BankID”)

Values

('15CS', 'Leena', 'Leinikainen', 'Helluntai Tie 16', 'Leni@gmail.com', 'Suomi', 11111102, 45, 'B1G 84NK');

INSERT INTO account

(“accountID”, “customerid”, “currentBalance”, “savingsAccount”, “frozen”)

Values

('15S20', '15CS', '405', 0, 0);

INSERT INTO logIn

(“user”, “password”, “ID”)

Values

('Lene', 'Lene123', '15CS');