CREATE TABLE users (id INTEGER PRIMARY KEY AUTOINCREMENT NOT NULL, username TEXT NOT NULL, hash TEXT NOT NULL, cash NUMERIC NOT NULL DEFAULT 10000.00);

CREATE TABLE sqlite\_sequence(name,seq);

CREATE UNIQUE INDEX username ON users (username);

CREATE TABLE Shares (id INTEGER Primary Key Autoincrement NOT NULL, SYMBOL TEXT, AMOUNT OF SHARES TEXT, Value of Shares TEXT, foreignKey user\_ID)

CREATE TABLE finance.Shares (

shares\_id INT PRIMARY KEY IDENTITY (1, 1),

symbol NOT NULL,

AmountOfShares NOT NULL,

ValueOfShares NOT NULL,

FOREIGN KEY (user\_id) REFERENCES finance.users (id)

);

CREATE TABLE finance.History (

history\_id INT PRIMARY KEY IDENTITY (1,1),

dateOfTransaction DATE NOT NULL,

amount\_Shares NOT NULL,

FOREIGN KEY (shares.id) REFERENCES finance.Shares (shares\_id),

FOREIGN KEY (user\_id) REFERENCES finance.users (id)

);

CREATE TABLE shares (

shares\_id INTEGER PRIMARY KEY AUTOINCREMENT,

symbol NOT NULL,

AmountOfShares NOT NULL,

ValueOfShares NOT NULL,

user\_id INTEGER,

CONSTRAINT user\_id

FOREIGN KEY (user\_id)

REFERENCES users (id)

);

CREATE TABLE history (

history\_id INTEGER PRIMARY KEY AUTOINCREMENT,

dateOfTransaction DATE NOT NULL,

amount\_Shares NOT NULL,

shares\_id INTEGER,

user\_id INTEGER,

FOREIGN KEY (shares\_id) REFERENCES shares (shares\_id),

FOREIGN KEY (user\_id) REFERENCES users (id)

);