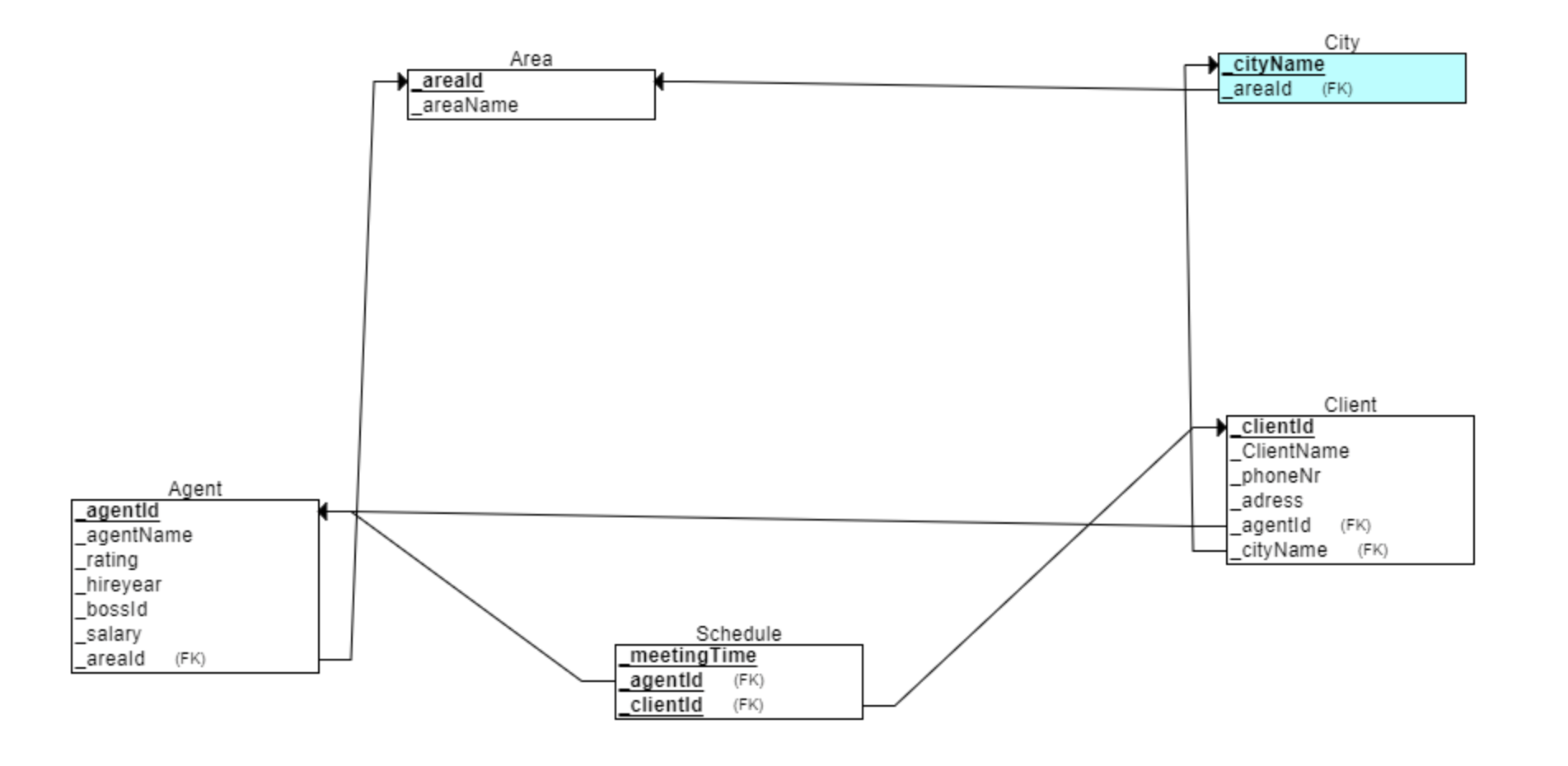
**הכרות עם הכליםStage 0:**

**Diagram

Description automatically generated**

**This is the ERD that we obtained with the ERD’s application.**

****

**Here the schemas that we obtained with the application.**

CREATE TABLE Area

(

\_areaId NUMERIC(3) NOT NULL,

\_areaName VARCHAR(20) NOT NULL,

PRIMARY KEY (\_areaId)

);

CREATE TABLE City

(

\_cityName VARCHAR(20) NOT NULL,

\_areaId NUMERIC(3) NOT NULL,

PRIMARY KEY (\_cityName),

FOREIGN KEY (\_areaId) REFERENCES Area(\_areaId)

);

CREATE TABLE Agent

(

\_agentId NUMERIC(9) NOT NULL,

\_agentName VARCHAR(20) NOT NULL,

\_rating NUMERIC(2) NOT NULL,

\_hireyear NUMERIC(4) NOT NULL,

\_bossId NUMERIC(9) NOT NULL,

\_salary FLOAT NOT NULL,

\_areaId NUMERIC(3) NOT NULL,

PRIMARY KEY (\_agentId),

FOREIGN KEY (\_areaId) REFERENCES Area(\_areaId)

);

CREATE TABLE Client

(

\_clientId NUMERIC(9) NOT NULL,

\_ClientName VARCHAR(20) NOT NULL,

\_phoneNr VARCHAR(10) NOT NULL,

\_adress VARCHAR(25) NOT NULL,

\_agentId NUMERIC(9) NOT NULL,

\_cityName VARCHAR(20) NOT NULL,

PRIMARY KEY (\_clientId),

FOREIGN KEY (\_agentId) REFERENCES Agent(\_agentId),

FOREIGN KEY (\_cityName) REFERENCES City(\_cityName)

);

CREATE TABLE Schedule

(

\_meetingTime DATE NOT NULL,

\_agentId NUMERIC(9) NOT NULL,

\_clientId NUMERIC(9) NOT NULL,

PRIMARY KEY (\_meetingTime, \_agentId, \_clientId),

FOREIGN KEY (\_agentId) REFERENCES Agent(\_agentId),

FOREIGN KEY (\_clientId) REFERENCES Client(\_clientId)

);

**This is the code that refers to the ERD and the relational schemas obtained.**