CREATE TABLE User(

email VARCHAR(64) NOT NULL PRIMARY KEY,

password VARCHAR(64) NOT NULL,

nickname VARCHAR(64)

notes VARCHAR(1024)

);

CREATE TABLE Contact(

ID SERIAL NOT NULL PRIMARY KEY,

name VARCHAR(32) NOT NULL,

surname VARCHAR(32) NOT NULL,

propic VARCHAR(1024) DEFAULT ‘C:\Users\Velios\Desktop\Uni\cd\defaultpic’

favorite BOOLEAN NOT NULL DEFAULT ‘false’

);

CREATE TABLE Address(

street VARCHAR(1024) NOT NULL,

zipCode CHAR(5) NOT NULL,

city VARCHAR(32),

province CHAR(2),

country VARCHAR(32),

main BOOLEAN NOT NULL,

CONSTRAINT PK\_Address PRIMARY KEY (street, zipcode)

);

CREATE TABLE Email(

email VARCHAR(1024) NOT NULL PRIMARY KEY,

main BOOLEAN NOT NULL

);

CREATE TABLE Social(

supplierName VARCHAR(64) NOT NULL

nickname VARCHAR(64) NOT NULL

assEmail VARCHAR(1024) NOT NULL

status VARCHAR(1024)

CONSTRAINT PK\_Social PRIMARY KEY (supplierName, assEmail)

COSTRAINT FK\_AssEmail FOREIGN KEY assEmail REFERENCES Email(email)

);

CREATE TABLE PhoneNumber(

type VARCHAR(8) NOT NULL,

number CHAR(10) NOT NULL PRIMARY KEY,

linkedNumber BOOLEAN NOT NULL

);

CREATE TABLE Group(

groupId SERIAL NOT NULL PRIMARY KEY,

groupName VARCHAR(32) NOT NULL,

creationDate DATE NOT NULL

description VARCHAR(64)

);

CREATE TABLE Participants(

groupID VARCHAR(5) NOT NULL ,

contactID VARCHAR(5) NOT NULL ,

joinDate DATE NOT NULL,

CONSTRAINT FK\_GroupID FOREIGN KEY (GroupID) REFERENCES Group(ID),

CONSTRAINT FK\_ContactID FOREIGN KEY (contactID) REFERENCES Contact(ID)

);

CREATE TABLE AssignedAddress(

contactId SERIAL NOT NULL,

addressStr VARCHAR(126) NOT NULL,

addressZip VARCHAR(5) NOT NULL,

CONSTRAINT FK\_ADContactID FOREING KEY (contactID) REFERENCES Contact(ID)

)

CREATE TABLE AssignedPhone(

phoneNumber CHAR(10) NOT NULL,

contactId SERIAL NOT NULL,

CONSTRAINT FK\_APContactID FOREIGN KEY (ContactId) REFERENCES Contact(ID),

CONSTRAINT FK\_phonenumber FOREGIN KEY(phoneNumber) REFERENCES PhoneNumber(number)

)

**VINCOLI**

ALTER TABLE Email

ADD CONSTRAINT controllo\_email CHECK ( email LIKE ‘\_%@\_%.\_\_%’)

ALTER TABLE User

ADD CONSTRAINT controllo\_pw CHECK (LENGTH(password)>7)

ADD CONSTRAINT controllo\_nick CHECK (LENGTH(nickname)>2)