BAZY DANYCH

# PROJEKT – ETAP 4

**Autorzy:**

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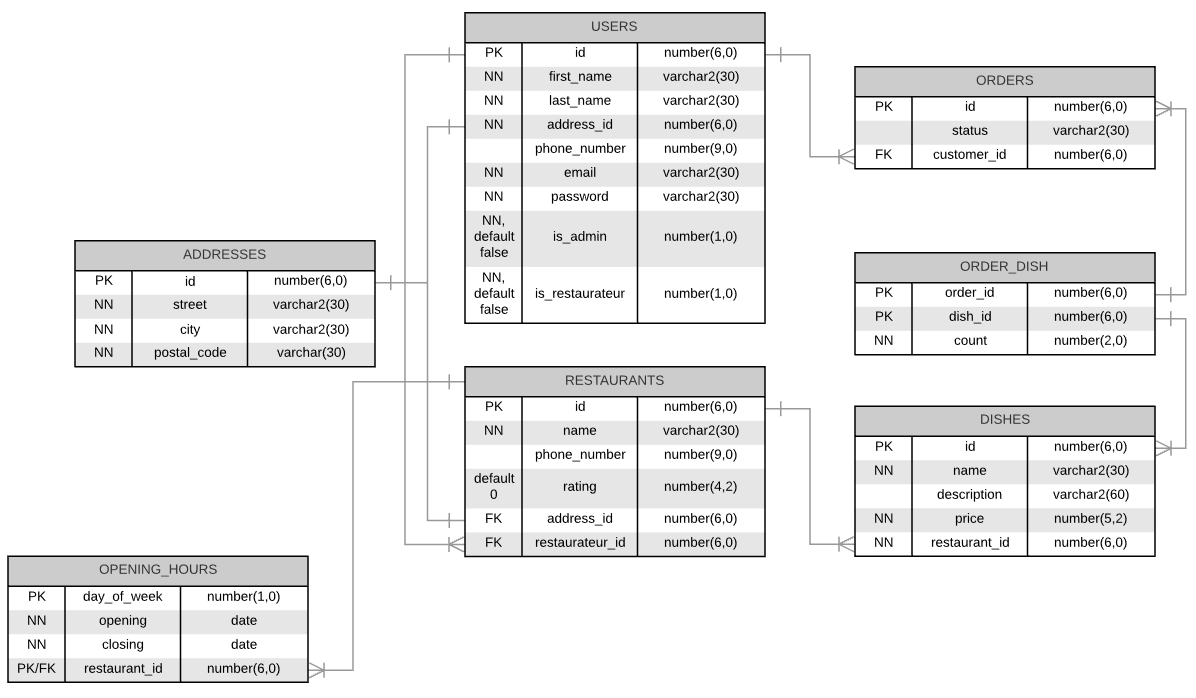
Marcel Browarny  **Termin:**

PT/TP 11:15

Wrocław, 08.01.2018 r.

1. Normalizacja

Tu trzeba opisać co robimy po kolei (ew. nie zmieniamy nic na danym etapie normalizacji). Etapy 1-3 prawdopodobnie są spełnione przepisując po prostu diagram związków encji. Rzuć okiem na ten punkt w wolnej chwili 😊

1. Końcowy schemat bazy danych
2. Tworzenie tabel

-- ADDRESSES

create table addresses

(

id number(6,0) primary key,

street varchar2(30) not null,

city varchar2(30) not null,

postal\_code varchar2(30) not null

);

-- USERS

create table users

(

id number(6,0) primary key,

first\_name varchar2(30) not null,

last\_name varchar2(30) not null,

email varchar2(30) not null,

password varchar2(30) not null,

phone\_number number(9,0),

is\_admin char default '0' not null check(is\_admin in ('0', '1')),

is\_restaurateur char default '0' not null check(is\_restaurateur in ('0', '1')),

address\_id number(6,0) not null references addresses(id)

);

--ORDERS

create table orders

(

id number(6,0) primary key,

status varchar2(30),

customer\_id number(6,0) not null references users(id)

);

-- RESTAURANTS

create table restaurants

(

id number(6,0) primary key,

name varchar2(30) not null,

phone\_number number(9,0),

rating number(4,2) default '0',

address\_id number(6,0) not null references addresses(id),

restaurateur\_id number(6,0) not null references users(id)

);

-- OPENING\_HOURS

create table opening\_hours

(

day\_of\_week number(1,0) not null check(day\_of\_week between 1 and 7),

opening date not null,

closing date not null,

restaurant\_id number(6,0) not null references restaurants(id),

primary key (day\_of\_week, restaurant\_id)

);

-- DISHES

create table dishes

(

id number(6,0) primary key,

name varchar2(30) not null,

description varchar2(100),

price number(5,2),

restaurant\_id number(6,0) not null references restaurants(id)

);

-- ORDER\_DISH

create table order\_dish

(

order\_id number(6,0) not null references orders(id),

dish\_id number(6,0) not null references dishes(id),

count number(2,0) not null,

primary key(order\_id, dish\_id)

);