***ER model***

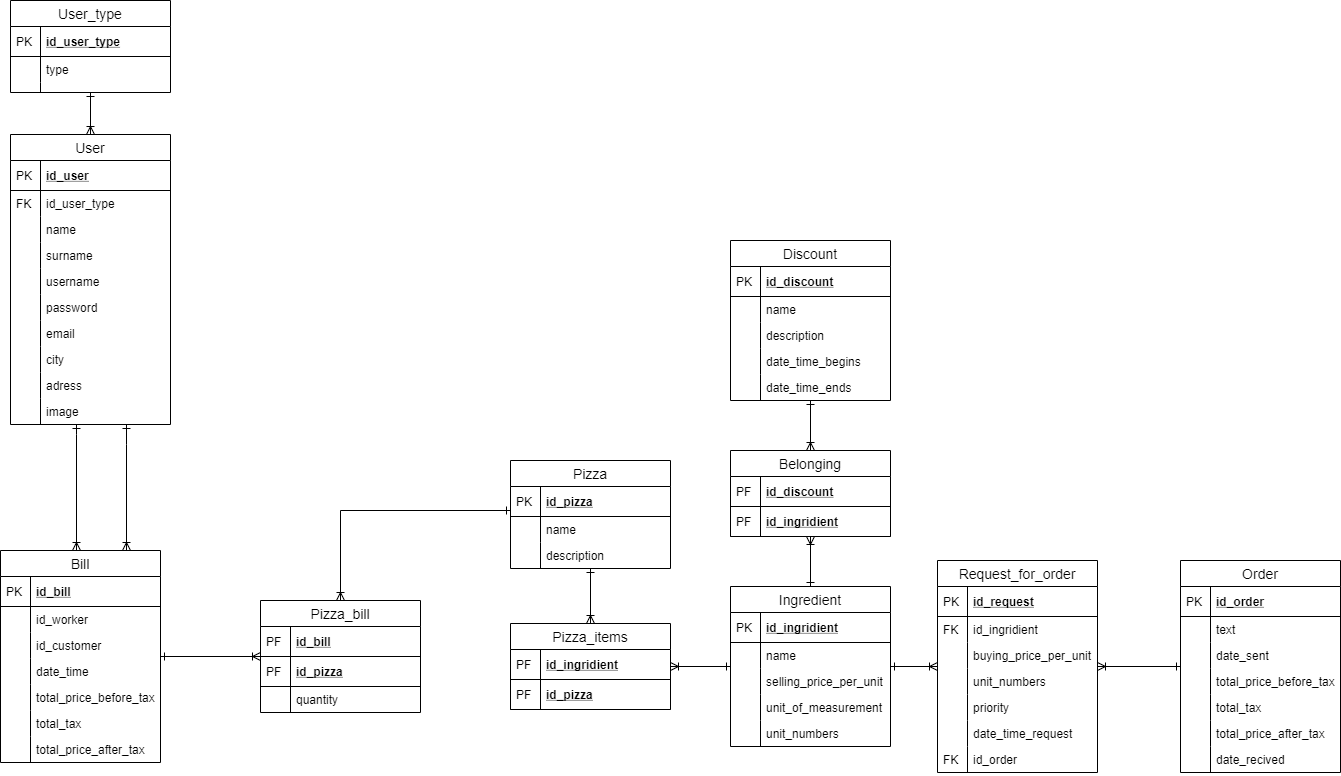


Table **User\_type**:

* “***id\_user\_type***” → Primary key and identificator of this table. // INT AUTOINC
* “***type***” → In the first version there will be 3 user types. They are “admin”, “worker” and “customer”. This attribute will be more deeply explained in Table user. // VARCHAR(30) NOT NULL

Table **User**:

* “***id\_user***” → Primary key and identificator of this table. //INT AUTOINC
* “***id\_user\_type***” → Foreign key that references table **UserType**, attribute “***id\_user\_type***”. When an user logins, the specific window will open and the user will have specific capabilities there depending on which “***id\_user\_type***” he has. For each “***id\_user\_type***” there will be an unique window. Upon registration the user will automatically get “***id\_user\_type***” that is connected to the “***type***” customer. There will be only 1 user which has “***type***” admin. Admin user will be able to change the “***type***” of the customer to the worker, and vice-versa (if somebody starts/stops working for him).  // INT NOT NULL
* “***name***” → The name of an user. // VARCHAR(30) NOT NULL
* “***surname***” → The surname of an user // VARCHAR(50) NOT NULL
* “***username***” → Unique attribute for each user which will let them connect to the application. // VARCHAR(25) NOT NULL UNIQUE
* “***password***” → Attribute for each user which will let them connect to the application.  // VARCHAR(25) NOT NULL
* “***email***” →  Unique attribute for each user which will let them connect to the application. They will be able to use either email or username.  // VARCHAR(25) NOT NULL UNIQUE
* “***city***” → Self explanatory attribute. Can be null, but in that case no delivery will be possible. // VARCHAR(40)
* “***address***” → Self explanatory attribute. Can be null, but in that case no delivery will be possible. If there is one it must be inserted via specific way (eg. 21200 Šimići 25) / /VARCHAR(60)
* “***image***” → An image which will represent the user. Not needed for anything //IMAGE

Table **Bill**:

* “***id\_bill***” → Primary key and identificator of this table. // INT AUTOINC
* “***id\_worker***” → Foreign key that references table **User**, attribute “***id\_user***”. “***id\_usertype***” in that table must correspond to worker type. // INT NOT NULL
* “***id\_customer***” → Foreign key that references table **User**, attribute “***id\_user***”. “***id\_usertype***” in that table must correspond to customer type. // INT NOT NULL
* “***date\_time***” → Date and time when transaction was made between customer and cashier. // DATETIME
* “***total\_price\_before\_tax***” → Self explanatory attribute. // DECIMAL (6,2)
* “***total\_tax***” → Self explanatory attribute. // DECIMAL (6,2)
* “***total\_price\_after\_tax***” → Self explanatory attribute. // DECIMAL (6,2)

Table **Pizza\_bill**:

* “***id\_bill***” → Foreign key that references table **Bill**, attribute “***id\_bill***” and a part of primary key (there are 2 parts and this is the 1st one). // INT
* “***id\_pizza***” → Foreign key that references table **Pizza**, attribute “***id\_pizza***” and a part of primary key (there are 2 parts and this is the 2nd one). // INT
* “***quantity***” → A number which represents the quantity of specific pizza that was bought. // INT NOT NULL

Table **Pizza**:

* “***id\_pizza***” → Primary key and identificator of this table. // INT AUTOINC
* “***name***” → The name of the pizza. // VARCHAR(50)
* “***description***” → The description of the pizza. // TEXT

Table **Pizza\_items**:

* “***id\_ingredient***” → Foreign key that references table **Ingredient**, attribute “***id\_ingredient***” and a part of primary key (there are 2 parts and this is the 1st one). // INT
* “***id\_pizza***” → Foreign key that references table **Pizza**, attribute “***id\_pizza***” and a part of primary key (there are 2 parts and this is the 2nd one). // INT

Table **Ingredient**:

* “***id\_ingredient***” → Primary key and identificator of this table. // INT AUTOINC
* “***name***” → Self explanatory attribute. // VARCHAR(50) NOT NULL
* “***selling\_price\_per\_unit***” → Selling price per unit with tax included. // DECIMAL (5,2) NOT NULL
* “***unit\_of\_measurement***” → Self explanatory attribute. // VARCHAR(50) NOT NULL
* “***unit\_numbers***” → Available units in warehouse // INT NOT NULL

Table **Belonging**:

* “***id\_discount***” → Foreign key that references table **Discount**, attribute “***id\_discount***” and a part of primary key (there are 2 parts and this is the 1st one). // INT
* “***id\_ingredient***” → Foreign key that references table **Ingredient**, attribute “***id\_ingredient***” and a part of primary key (there are 2 parts and this is the 2nd one). // INT

Table **Discount**:

* “***id\_discount***” → Primary key and identificator of this table. // INT AUTOINC
* “***name***” → Self explanatory attribute. // VARCHAR(75) NOT NULL
* “***description***” → Self explanatory attribute. // TEXT NOT NULL
* “***date\_time\_begins***” → Date and time when discount begins. // DATETIME NOT NULL
* “***date\_time\_ends***” → Date and time when discount ends. // DATETIME NOT NULL

Table **Request\_for\_order**:

* “***id\_request***” → Primary key and identificator of this table. // INT AUTOINC
* “***id\_ingredient***” → Foreign key that references table **Ingredient**, attribute “***id\_ingredient***”. // INT NOT NULL
* “***buying\_price\_per\_unit***” → Buying price per unit without tax included. // DECIMAL(5,2) NOT NULL
* “***unit\_numbers***” → Requested number of ingredients. // INT NOT NULL
* “***priority***” → Priority of request. It can have values of “LOW”, “MEDIUM” and “HIGH”. // VARCHAR (10) NOT NULL
* “***date\_time\_request***” → Date and time when request was made. // DATETIME NOT NULL
* “***id\_order***” → Foreign key that references table **Order**, attribute “***id\_order***”. This attribute get filled once the order is sent. // INT

Table **Order**:

* “***id\_order***” → Primary key and identificator of this table. // INT AUTOINC
* “***text***” → Text that will be sent to the person which we order form. // TEXT NOT NULL
* “***date\_sent***” → Date when order was sent.  // DATE NOT NULL
* “***total\_price\_before\_tax***” → Self explanatory attribute. // DECIMAL (8, 2)
* “***total\_tax***” → Self explanatory attribute. // DECIMAL (8, 2)
* “***total\_price\_after\_tax***” → Self explanatory attribute. // DECIMAL (8, 2)
* “***date\_recived***” → Date when package was received. // DATE