Challenge 9 – ER diagram

For this challenge you need to create a database structure for an online store.

The store offers several products including:

• Food products

• Drinks (alcoholic, non-alcoholic, carbonated, non-carbonated)

• Tobacco (cigarettes per piece, box and dry tobacco)

• Milk and dairy products

• Confectionery products

• Cosmetics

• Household items

For each product you need to store its name, date of manufacturing, shelf life, composition, storage temperature, place of origin, name of manufacturer and importer if any.

For tobacco products you need to store information about the amount of nicotine, tar and carbon monoxide they contain.

Alcoholic products have a certain strength expressed in percentages, and household items are divided into cleaning agents and kitchen utensils.

You need to have several types of users:

1. Administrators who modify, add and delete products

2. Buyers who fill their own baskets and demand delivery for them

3. Suppliers, who review orders and provide delivery time

Additionally, each order should contain information about when it was sent by the buyer, what time it was approved by the administrator, which administrator approved it, which supplier took it, and when it was delivered to the customer, which is also entered by the supplier and by the buyer.

When receiving the order, the buyer has the option to leave a review / remark about it, by giving a rating of 1-5, adding a comment and the time of arrival of the order.

After delivering the order, the supplier marks it as delivered with the delivery time for it, gives a rating to the buyer of 1-5 and can leave an additional comment.

Deadline:

One week after its presentation, 23:59h end of the day.