**Datamodel dictionary**

Entity Name: Truck driver

Entity Description: The tuck driver is a person who delivers liquids

Attributes:   
Name - A word to distinguish a person from others  
Date of birth - The date that a person is born  
Picture - A visual representation of a person

Function: Delivers customer the liquids

Entity Name: Truck

Entity Description: Motor-Vehicle used to transport goods

Attributes Name:

Brand – Brand of the truck

Model – this is a name that the manufacturers give to a certain truck line where every model has a different chassis/bodywork.

Build year – Year the truck build this is important because of two reasons, first of all for maintenance of certain parts. And second of all, the build year defines the type of the truck. A truck from 2004 differs in certain parts from a truck from 2006

License Plate – The license plate is the identification number of a certain truck. This is a unique combination of 6 characters or numbers.

Function: Used by the driver to transport the goods

Entity Name: Employee

Entity Description: Employee works at the company

Attributes Name:

Name - A word to distinguish a person from others

Job title ­- The position of an employee where he is working

Date of birth - The date that a person is born

Picture - A visual representation of a person

Address - Addresses of the receiver and the sender

Email - A system for sending messages from one individual to another

Phone number - The telephone number that you dial to call somebody

Function: Fulfills the tasks for the employer

Entity Name: Customer

Entity Description: A customer is a person who requests transport of liquids

Attributes name:

Name – A word to distinguish a person from others (not unique)

Company name – The name of the company the customer works for

Phone number – Telephone number used to call customer (either mobile or work)

Email – For sending messages from one individual to another

Address - A person’s full address

Function: Placing an order

Entity Name: Delivery

Entity Description: A delivery is a trip that a truck driver has to make to deliver an order.

Attributes Name:

Driver name - A word to distinguish a person from driver

Truck number plate – License plate (f.e. 44-FB-23)

Trailer number plate – License plate

Destination - The place to which a thing or person travels or is sent

Order number - A reference number used by customer

Function: To deliver an order

Entity Name: Trailer

Entity Description: A trailer is a big vehicle that is connected to the truck. There are different forms of trailers.

Attributes Name:

Max load capacity - The maximum load the trailer can carry

Number plate – License plate

Liquids – Fluids to be transported

Function: To store liquids while transporting

Entity Name: Invoice

Entity Description: A bill that displays the costs of the order(s)

Attributes Name:

Date – The day/month/year of invoice

Customer name - A word to distinguish a person from customer

Total payment – The final cost to be paid

Address - Addresses of the receiver and the sender

Function: Reference for the customer for the costs of order(s), so the customer can pay

Entity Name: Order

Entity Description: An entity containing the liquid to be delivered, the location and customer

Attributes Name:

Date of creation - Start of the date to deliver

Delivery address - Address where the goods to be delivered

Customer name - A word to distinguish a person from customer

Delivery date - Delivery date is when to be delivered

Liquid – Fluids to be transported

Amount – Amount of litres

Function: To plan transport

Entity Name: Work order

Entity Description: written order from the customer providing specific details to the contractor to proceed with the performance of the contract without further instruction

Attributes Name:

Customer name – A word to distinguish a person from customer

Liquid – Fluids to be transported

Amount – Amount of litres

Price per ton - The cost of one ton expressed in euros

Truck driver name – A word to distinguish a person from truck driver

Trailer number plate – License plate

Function: a work request given by a customer to a contractor of a company

Entity name: Payment

Entity description: An entity that is intended to keep a record on whether an order is paid or not and then to notify the order.

Attributes Name:  
Is paid or not - Boolean to define whether the payment is paid or not

Function: To keep a record on whether or not it is paid.