Car Wash Order System Architecture

Use Cases Are:

1. Customer or employer login the app
2. Customer set car location
3. Customers choose wash type and make the payment
4. Employers select the order from map
5. Employers change the status
6. Customers check the status
7. Employers wash the car
8. Employers bring the car back
9. Employers finish the order

Class Diagram:

Diagram

Description automatically generated

Dataflow of Car Wash Order System:

Diagram

Description automatically generated

Data Tables (DATABASE):

name: Person name

surname: Person surname

username: Person username for the app

phoneNumber: Person phone number

mail: Person e-mail

password: Password of the person which is unique

customerId: Customer’s id that will given by the which is unique to every customer

employerId: Employer’s id that employer enter while registering the app which will be unique to every employer

workplaceName: Employer’s workplace name

location: Car’s location for both customer and employer

carType: Car’s type for not mix the cars in the map

carStatus: Car washing status which can be changed by employer and can only be readable by customer

carCount: Car’s count shown in the map for employer to see the cars easily

workPlacesLocation: Work places location in the map for customer to see the car washers easily

İnteraction Between Client and Server

Diagram

Description automatically generated