



**Student;**

**NAME:** MERVE

**SURNAME:** BALCI

**NUMBER:** 1821221022

**DEPARTMENT :** COMPUTER ENG

**Project;**

**SUBJECT:** Basic knowledge of the Frontend, Backend, Web API, and Web Page Design, an application to be implemented over the database layers (Maintenance management)

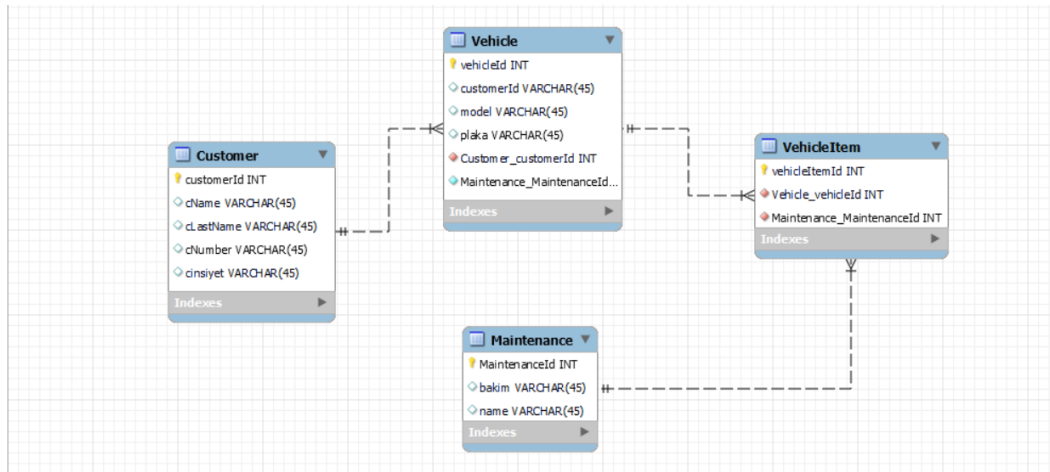
**Lecture;**

**Name:** Web Design and Programming

**INSTRUCTOR:** Dr. Öğretim Üyesi ALİ NİZAM

Arş. Gör. Samet KAYA

## Maintenance management (For the Vehicle)



### Customers;

We have to assign customer name, last name, gender and phone number. Customer id is a identity so you cannot give the same id to others, after the get their information tho are, customer will add the system succesfully

**Vehicle Management**   CUSTOMERS   VEHICLES

### Customer Page

Customer id	customer name	customer lastname	customer phone	gender	number of vehicle		
2034	aaa	aaa	111	aaaa	1		
2036	Merve	balci	5453374819	female	1		
2038	gaye	ugur	5387600294	female	0		
3009	newCust	newLname	5554443322	male	0		

### Customer Register Form

Customer Add the System Successfull

Full Name

newCust

Last Name

newLname

Phone Number

5554443322

Gender

male

APPLY >

After registry, you can see the customer's vehicles number from table

Also if customer has vehicle, you cannot remove the system, you will get alert

Vehicle Management

CUSTOMERS

VEHICLES

localhost:3000 web sitesinin mesaji  
This Customer Has Vehicle. Please Check It

Tamam

Customer id	customer name	customer lastname	customer phone	gender	number of vehicle		
2034	aaa	aaa	111	aaaa	1		
2036	Merve	balci	5453374819	female	1		
2038	gaye	ugur	5387600294	female	0		
3009	newCust	newLname	5554443322	male	0		

### Customer Register Form

Full Name

Last Name

Phone Number

Gender

APPLY >

But if do not have vehicle you can remove succesfully

### Customer Page

Delete Successfull

Customer id	customer name	customer lastname	customer phone	gender	number of vehicle		
2034	aaa	aaa	111	aaaa	1		
2036	Merve	balci	5453374819	female	1		
2038	gaye	ugur	5387600294	female	0		

### Customer Register Form

Full Name

Last Name

Phone Number

Gender

APPLY >

## Vehicle;

For the add customer's vehicles, you have to assign all features, if yo dont yo will get message. And for the add vehicle you can select from list

Vehicle Management

CUSTOMERS

VEHICLES

CREATE MAINTENANCE

### New vehicle Form

Please Fill Form Properly

model

plaka

Date  
08/01/2023

Or.

APPLY >

CANCEL >

### New vehicle Form

model

mercedes

plaka

34A34

Date

08/01/2023

Customer

newUser newUser

APPLY

CANCEL

aaa aaa

Merve balci

gaye ugur

newUser newUser

You can add more than one vehicle for one customer. After registry you can see all vehicles from table and also you can filter your customer's vehicles from table

### Vehicle List Page

NEW VEHICLE

Customer Filter

All

FILTER

Vehicle ID	Customer ID	Customer Name	Model	Plaka	Date	
3009	2034	aaa aaa	aaa	aaaa	2023-01-08T14:04:32.07	MORE
3011	2036	Merve balci	mercedes	34MB34	2023-01-08T14:48:43.67	MORE
4002	3010	newUser newUser	mercedes	34A34	2023-01-08T19:42:47.7	MORE
4003	3010	newUser newUser	bmw	34SS34	2023-01-08T19:44:07.137	MORE

With the filter newUser's vehicles

### Vehicle List Page

NEW VEHICLE

Customer Filter

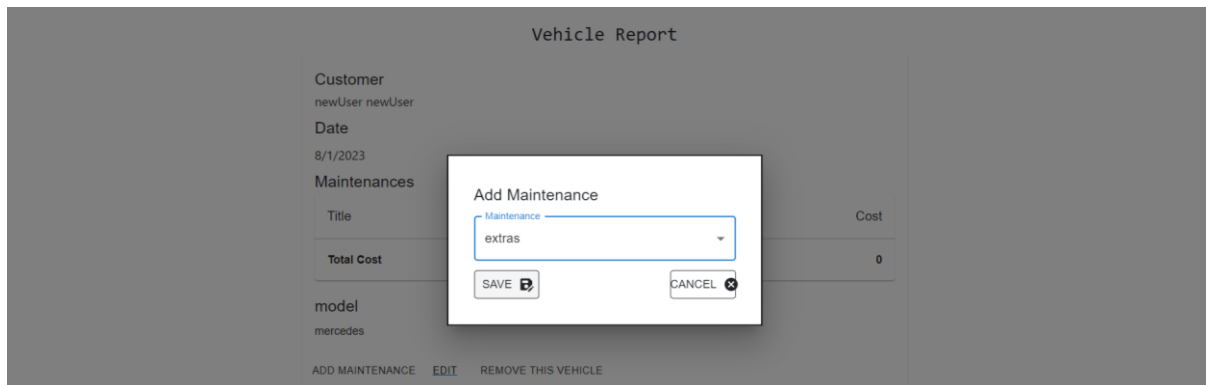
newUser newUser

FILTER

Vehicle ID	Customer ID	Customer Name	Model	Plaka	Date	
4002	3010	newUser newUser	mercedes	34A34	2023-01-08T19:42:47.7	MORE
4003	3010	newUser newUser	bmw	34SS34	2023-01-08T19:44:07.137	MORE

## Maintenance & Items;

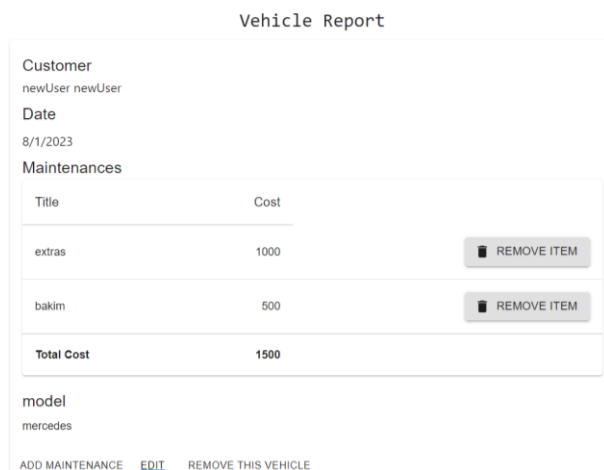
for all vehicles detail's page you can see vehicle's customer name, model, date and you can add vehicle's maintenance items and see their total cost



The image shows a 'Vehicle Report' form. It contains fields for Customer (newUser newUser), Date (8/1/2023), and model (mercedes). A 'Maintenances' table is present with columns 'Title' and 'Cost'. A modal window titled 'Add Maintenance' is open, showing a dropdown menu with 'Maintenance' selected and 'extras' chosen. The modal has 'SAVE' and 'CANCEL' buttons. The 'Total Cost' field shows '0'. At the bottom, there are links for 'ADD MAINTENANCE', 'EDIT', and 'REMOVE THIS VEHICLE'.



Vehicle Management | CUSTOMERS | VEHICLES | + CREATE MAINTENANCE



The image shows a 'Vehicle Report' form. It contains fields for Customer (newUser newUser), Date (8/1/2023), and model (mercedes). A 'Maintenances' table is present with columns 'Title' and 'Cost'. The table contains two rows: 'extras' with cost '1000' and 'bakim' with cost '500'. Each row has a 'REMOVE ITEM' button. The 'Total Cost' field shows '1500'. At the bottom, there are links for 'ADD MAINTENANCE', 'EDIT', and 'REMOVE THIS VEHICLE'.

You also can remove maintenance's items, you can edit vehicle, you can remove vehicle



Vehicle Management | CUSTOMERS | VEHICLES | + CREATE MAINTENANCE



The image shows an 'Edit Vehicle Form'. It contains fields for Model (mercedes), Plaka (34A34), and Date (08/01/2023). There are 'APPLY' and 'CANCEL' buttons at the bottom.

You can create new maintenance's items



Vehicle Management | CUSTOMERS | VEHICLES | + CREATE MAINTENANCE



The image shows a 'New Maintenance Form'. It contains fields for Maintenance (empty) and cost (empty), and an 'Add' button.