


This is a java application that aims to create vehicle inspection appointments on TÜVTÜRK. It also provides a pre-check service that helps vehicle owners with possible vehicle malfunctions. There is a valet service that brings the vehicle to the inspection that saves a lot of time for the customer.

The program calculates the final price regarding the customer's choices, as shown in the following screenshots.

The screenshot shows the initial form of the 'WE CARE YOUR CAR' application. The left sidebar contains navigation links: Car Info, Appointment Repetition, Special Services, Search/Delete, and Result. The main area contains input fields for Plate (06 06 06), Year of Production (2015), Brand (BMC), Fuel Type (Diesel), Vehicle Type (Standard/Privileged), and km (101010). A 'Vehicle' dropdown menu is set to 'Select'.

The screenshot shows the 'Special Services' section of the application. The 'Vehicle' dropdown is set to 'Truck'. There are three checkboxes: 'Do you have first aid kit?' (unchecked), 'Do you have traffic fine?' (checked, with a value of 128), and 'Has your exhaust inspection done?' (unchecked). The 'Type' dropdown is set to 'Truck'. Below this, there are fields for 'Last Inspection Date' (24 January 2021) and 'Major Fault Count' (3 Confirms).

The screenshot shows the 'Result' section of the application. The 'Vehicle' dropdown is set to 'Truck'. There are three checkboxes: 'Do you have first aid kit?' (unchecked), 'Do you have traffic fine?' (checked, with a value of 128), and 'Has your exhaust inspection done?' (unchecked). The 'Type' dropdown is set to 'Truck'. Below this, there are fields for 'Last Inspection Date' (24 January 2021) and 'Major Fault Count' (3 Confirms). At the bottom, there are three fault categories: 'First Fault: Low Brakes', 'Second Fault: Seatbelt', and 'Third Fault: Headlights'.


WE CARE
YOUR CAR
AUTO CARE SOLUTIONS SYSTEMS

Car Info

Appointment Repetition

Special Services

Search/Delete

Result

Plate:

Brand:

Fuel Type:

Year of Production:

Vehicle Type: ☐ Standard ☐ Privileged

km:

Vehicle:

☐ Do you have first aid kit?

☒ Do you have traffic fine?

☐ Has your exhaust inspection done?

Type:

Date:

Clock:

City:

Advantages of Pre Check and Vallet Service

Brake System check

Wheel System check

Illumination System check


Suspension System check

Tyre check

Seatbelt check

☒ Do you want to get pre check service?

☒ Do you want to get vallet service?


WE CARE
YOUR CAR
AUTO CARE SOLUTIONS SYSTEMS

Car Info

Appointment Repetition

Special Services

Search/Delete

Result

Possible Faults

You need to bring your vehicle licence with the up-to-date informations(car paint/fuel type).

Exhaust emission price (80.2 TL) will be added to the final price.

You have to get a proper first aid kit with your car before inspection!


Your brake system may needed to change.

Your will not pay inspection price at this time.

You need to repair these previous issues before going to inspection:
[Low Brakes, Seatbelt, Headlights]

Succesfully created.

Click Car Info to create a new one.



Try-Catch Functions

WE CARE YOUR CAR

Plate: 34 90 34 Year of Production: 2014

Brand: Ford Vehicle Type: ☐ Standard ☐ Privileged

Fuel Type: Gasoline km: 1919

Vehicle: Ambulance

☒ Do you have proper equipments(like sirens) in your car?

What is the type of vehicle tire? Standard

Date: 01 January 2020 Clock: 08:00 City:

Advantages of Pre Check and Valet Service

- Brake System check
- Wheel System check
- Illumination System check
- Suspension System check
- Tyre check
- Seatbelt check

☐ Do you want to get pre check service?

☐ Do you want to get valet service?

Please enter a city!

WE CARE YOUR CAR

Plate: 34 90 34 Year of Production: 2014

Brand: Ford Vehicle Type: ☐ Standard ☐ Privileged

Fuel Type: Gasoline km: 1919

Vehicle: Ambulance

☒ Do you have proper equipments(like sirens) in your car?

What is the type of vehicle tire? Standard

Date: 03 March 2021 Clock: 09:00 City: Istanbul

Advantages of Pre Check and Valet Service

- Brake System check
- Wheel System check
- Illumination System check
- Suspension System check
- Tyre check
- Seatbelt check

☒ Do you want to get pre check service?

☐ Do you want to get valet service?

Enter the plate in a proper format.

WE CARE YOUR CAR

Plate: 34 TR 34 Year of Production: 2014

Brand: Ford Vehicle Type: ☐ Standard ☐ Privileged

Fuel Type: Gasoline km: abcdef

Vehicle: Ambulance

☒ Do you have proper equipments(like sirens) in your car?

What is the type of vehicle tire? Standard

Date: 03 March 2021 Clock: 09:00 City: Istanbul

Advantages of Pre Check and Valet Service

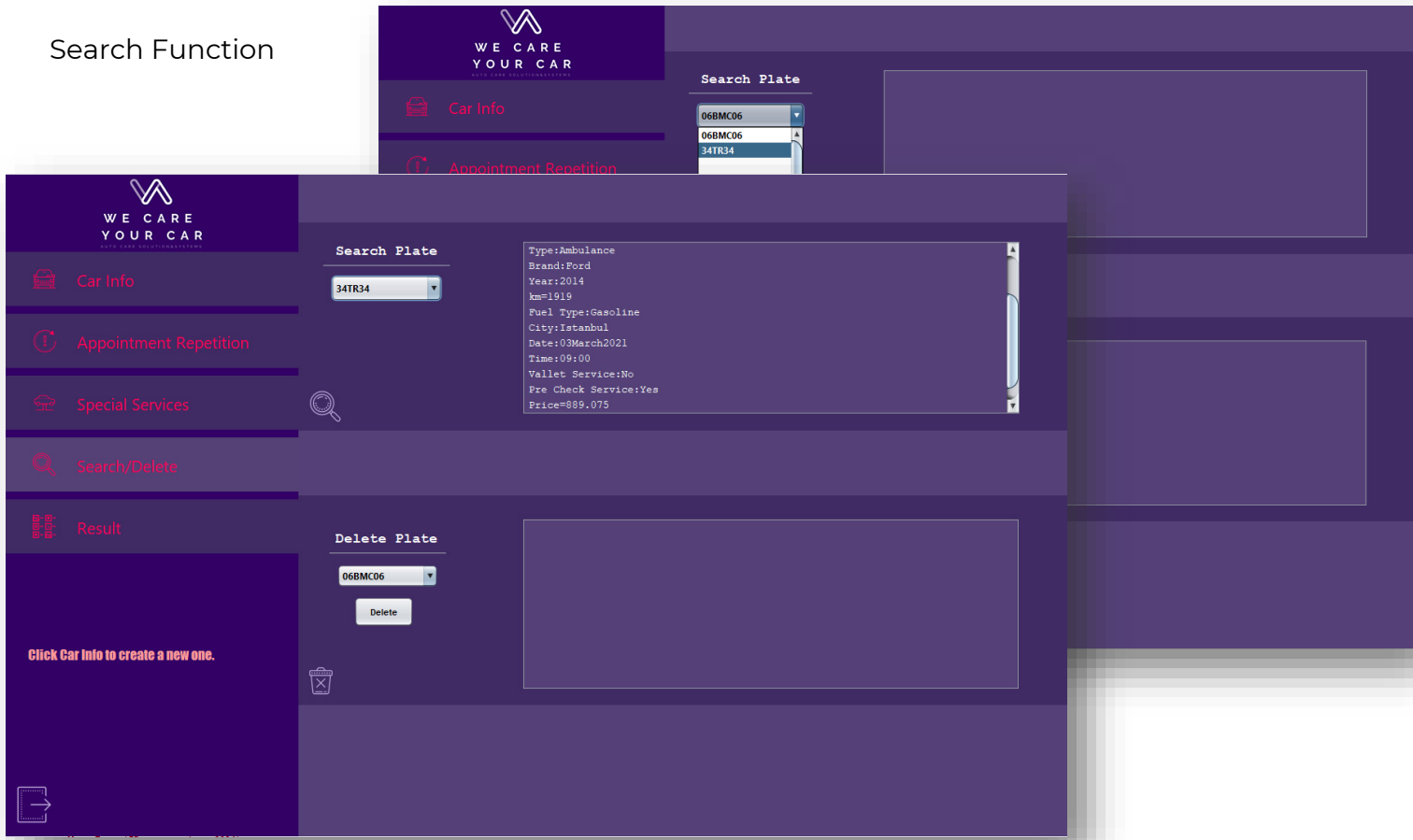
- Brake System check
- Wheel System check
- Illumination System check
- Suspension System check
- Tyre check
- Seatbelt check

☒ Do you want to get pre check service?

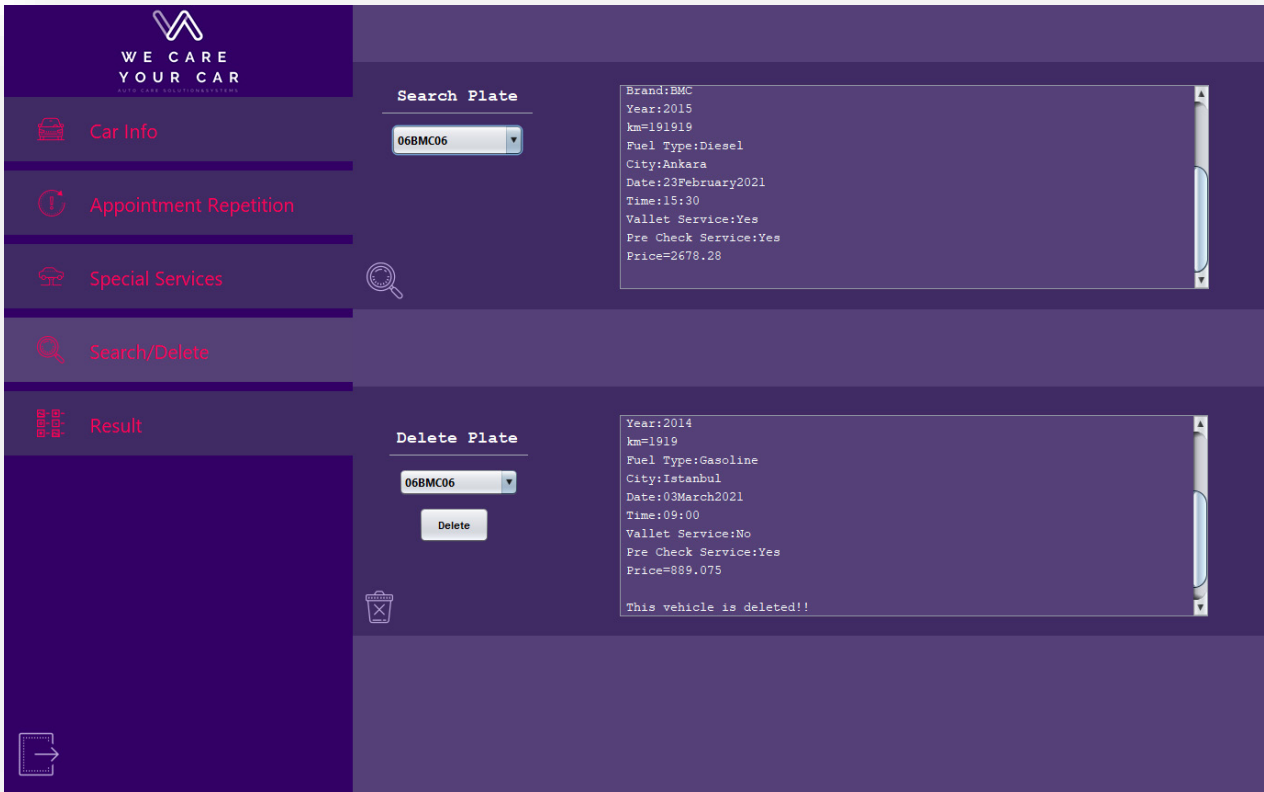
☐ Do you want to get valet service?

Enter the km in a proper format.

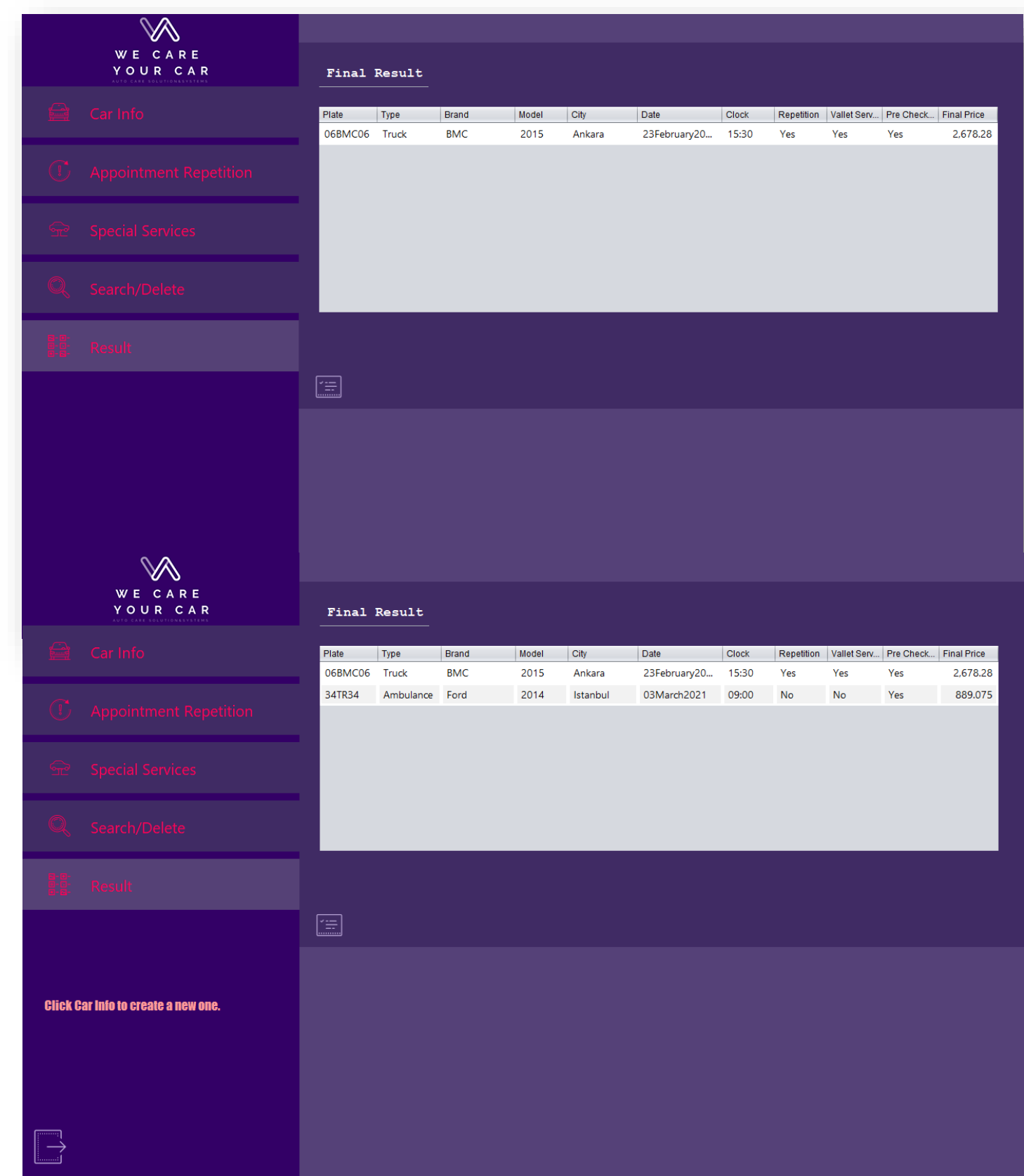
Search Function



Delete Function



Dynamic Table Creation



*full resolution screenshot album and source file on GitHub.