


This is a java application that aims to create vehicle inspection appointments. 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 form area includes fields for Plate (06 06 06), Brand (BMC), Fuel Type (Diesel), Year of Production (2015), Vehicle Type (Standard/Privileged), and km (101919). A 'Vehicle' dropdown menu is set to 'Select'.

This 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, the 'Last Inspection Date' is set to 24 January 2021, and the 'Major Fault Count' is 3, with a 'Confirm' button.

This screenshot shows the 'Result' section of the application. It displays the 'Last Inspection Date' as 24 January 2021. Below this, there are three fault entries: 'First Fault: Low Brakes', 'Second Fault: Seatbelt', and 'Third Fault: Headlights'. A circular logo with the text 'WE CARE YOUR CAR' is visible in the center.


WE CARE
YOUR CAR
AUTO CARE SOLUTIONS SYSTEMS

Car Info

Appointment Repetition

Special Services

Search/Delete

Result

Plate: 06 BMC 06
Brand: BMC
Fuel Type: Diesel

Year of Production: 2015
Vehicle Type: ☒ Standard ☐ Privileged
km: 191919

Vehicle: Truck


☐ Do you have first aid kit?
☒ Do you have traffic fine? 128
☐ Has your exhaust inspection done?

Type: Truck

Date: 23 Febu... 2021
Clock: 15:30
City: Ankara

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
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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

Car Info

Appointment Repetition

Special Services

Search/Delete

Result

Please enter a city!

Date: 01 January 2020

Clock: 08:00

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

Plate: 34 90 34 Year of Production: 2014

Brand: Ford Vehicle Type: Standard Privileged

Fuel Type: Gasoline Km: 1919

Car Info

Appointment Repetition

Special Services

Search/Delete

Result

Please enter a city!

Date: 03 March 2021

Clock: 09:00

City: Istanbul

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

Plate: 34 TR 34 Year of Production: 2014

Brand: Ford Vehicle Type: Standard Privileged

Fuel Type: Gasoline Km: abcde

Car Info

Appointment Repetition

Special Services

Search/Delete

Result

Please enter a city!

Date: 03 March 2021

Clock: 09:00

City: Istanbul

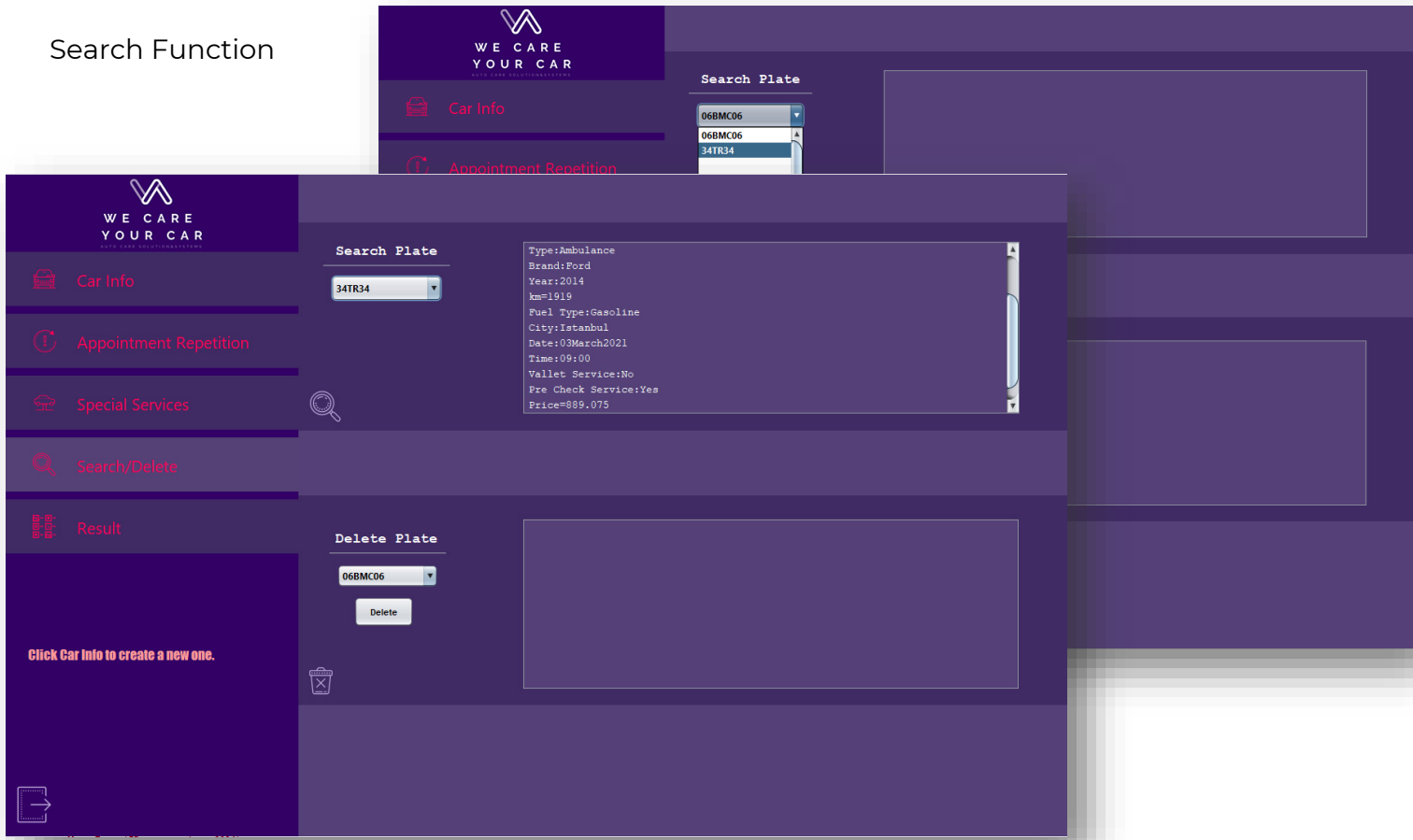
Advantages of Pre Check and Vallet Service

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

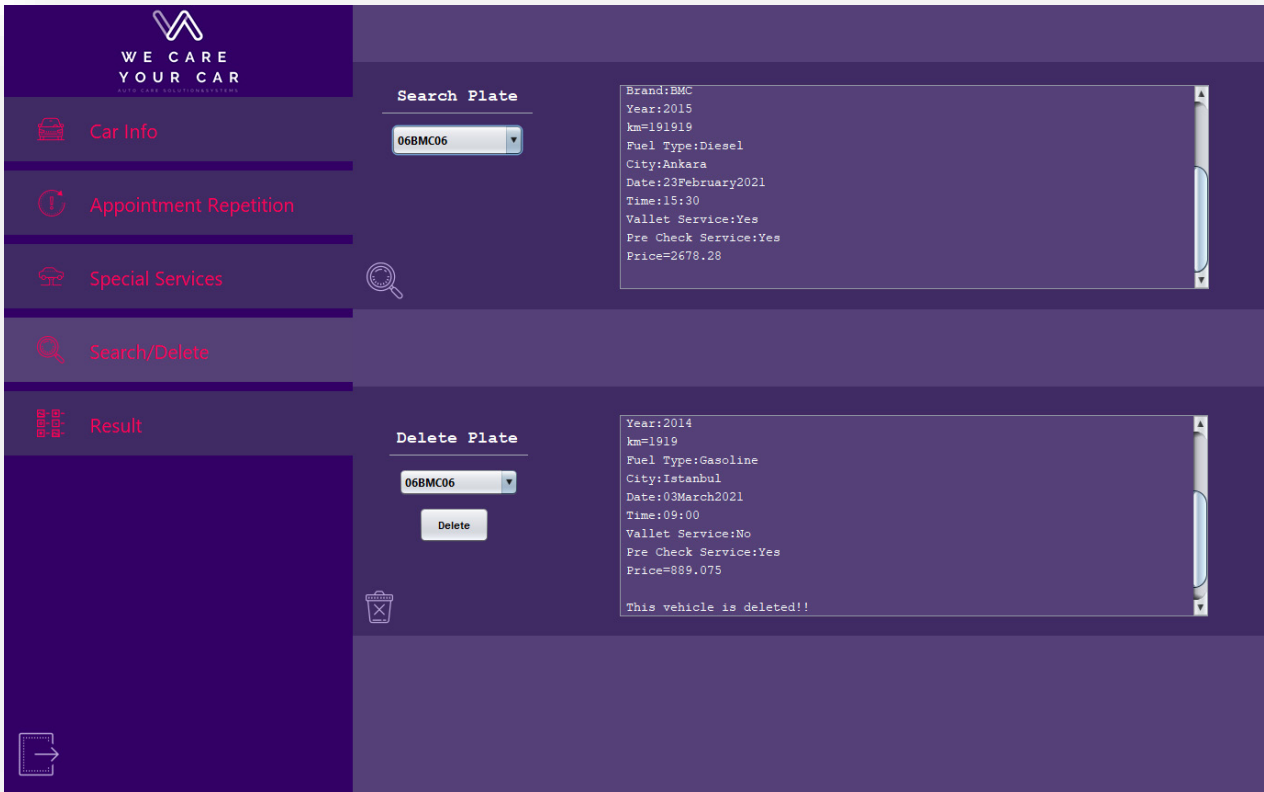
☒ Do you want to get pre check service?

☐ Do you want to get vallet service?

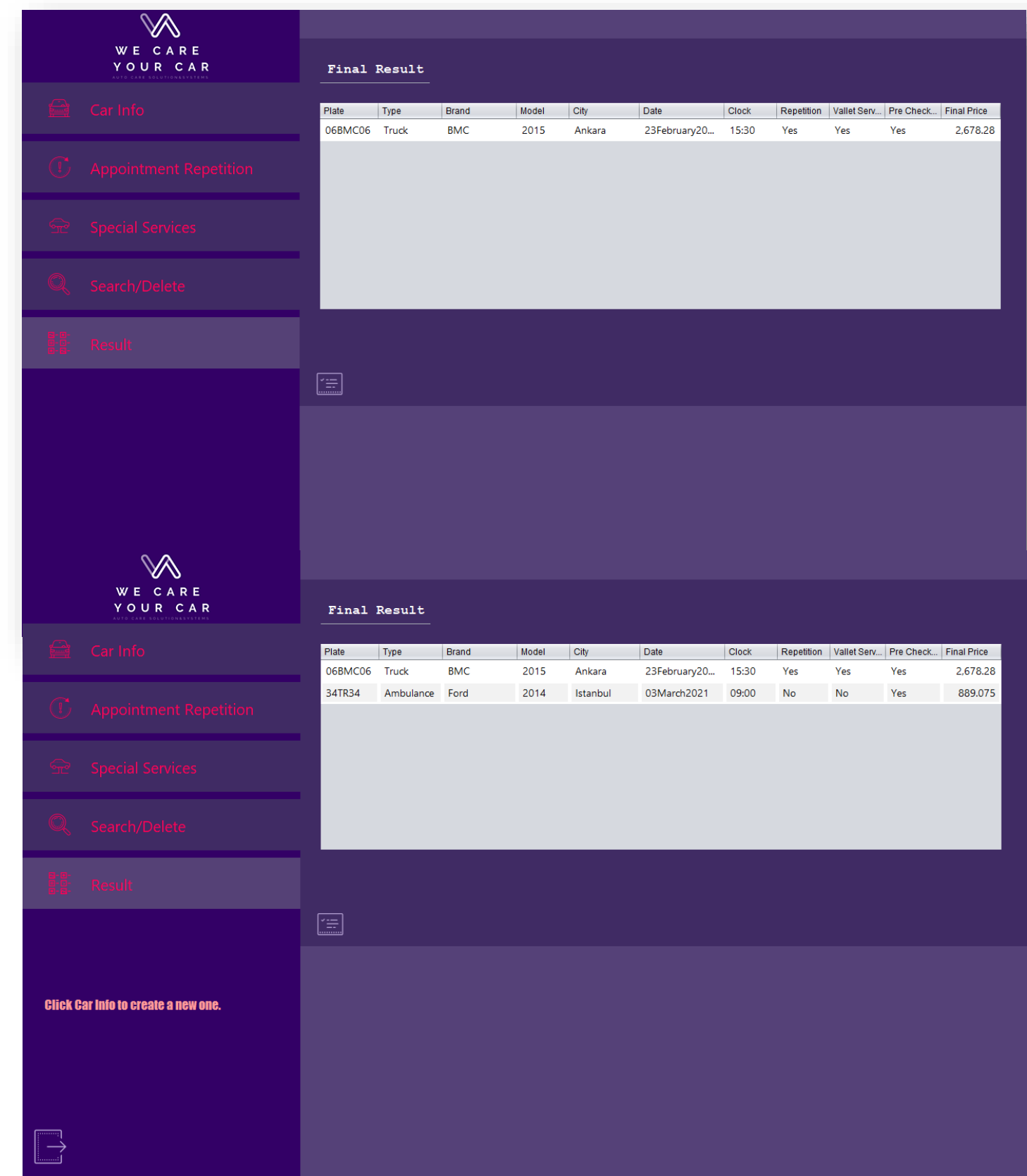
Search Function



Delete Function



Dynamic Table Creation



*full resolution screenshot album and source file on GitHub.