

Introduction

We aimed to create a car dealership system in this project. If the user who enters the system wants to buy a car, he will be able to access the colour, model and every feature of the car and get price information. At the same time, if the user already owns a car, the user will be able to learn the cost of maintenance for the car. By entering his own user code for routine maintenance, the user will be able to see all the features of the car he bought and the user will be able to learn the routine maintenance fee. It can also be directed to the web page for detailed information.

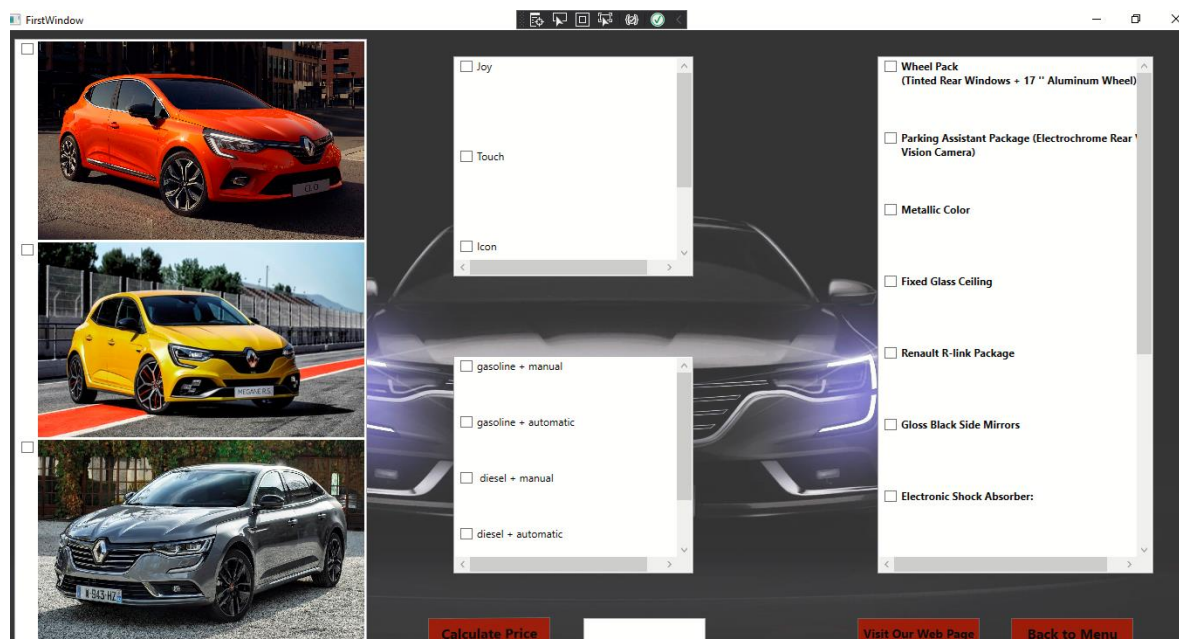
Requirements

First of all, our system opens with the login menu.



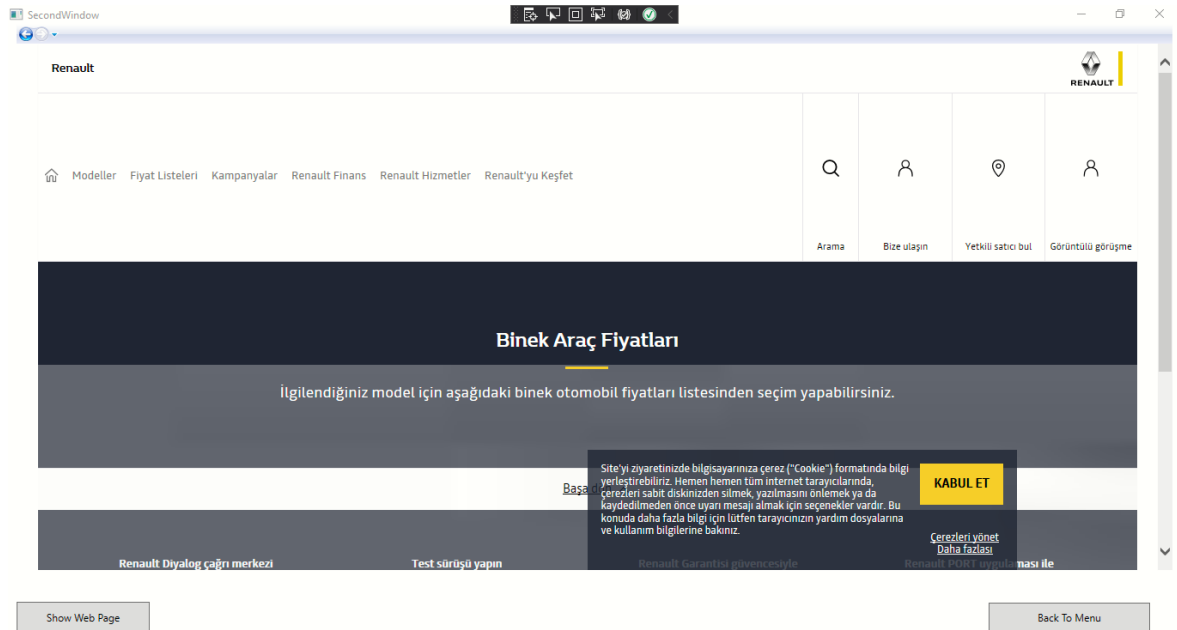
Here offer some options to the user.

First of all, by pressing the car list button, we direct it to the vehicle purchase page.



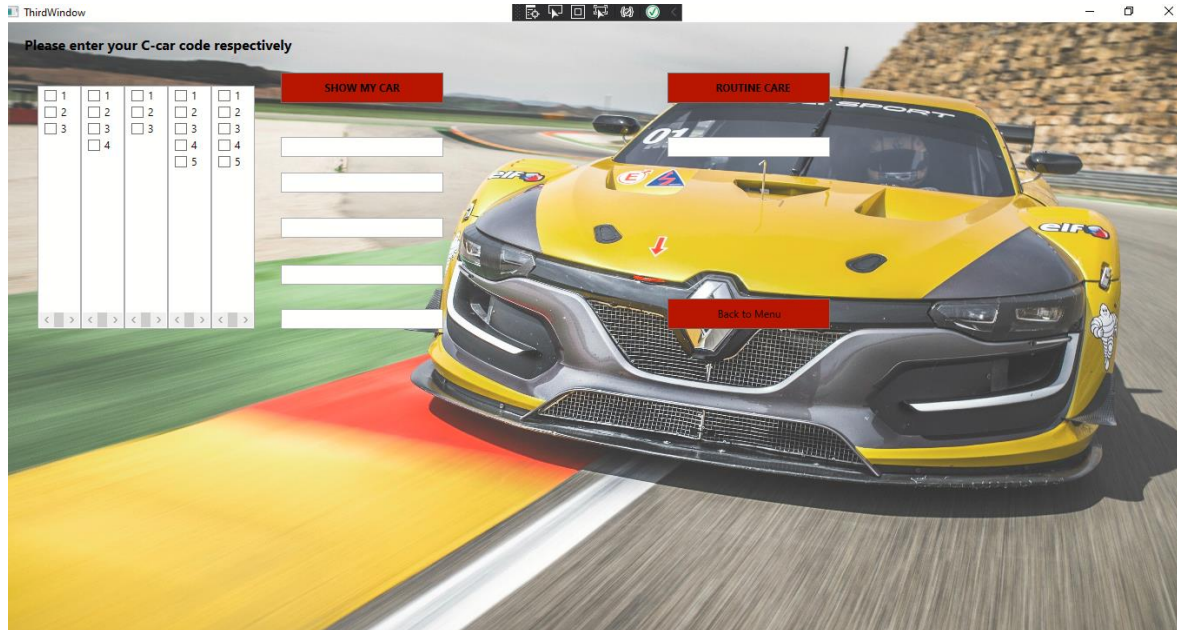
On this page, our goal is to calculate the price of the vehicle our user wants to buy. First of all, our user marks the checkbox of the vehicle he wants to buy, then selects the equipment level from the list box. The user then selects the desired combination of gear type and fuel type. After this step, it marks the options it wants from the last list box. Finally, by pressing the calculate price button, the textbox will see the calculated version of the price of the desired vehicle. At this step, you can visit our website with the visit our web page button or return to the main menu with the back to menu button.

After returning to the main menu, we are directed to our website for more detailed information by pressing the web page button.



There is a show web page button to open the website on this page. You can find detailed reviews on the website here. After the user finishes his work, he returns to the main menu with the back to menu.

Thirdly, in order to benefit from the service, we enable it to calculate the maintenance cost of the current vehicle by pressing the service button.

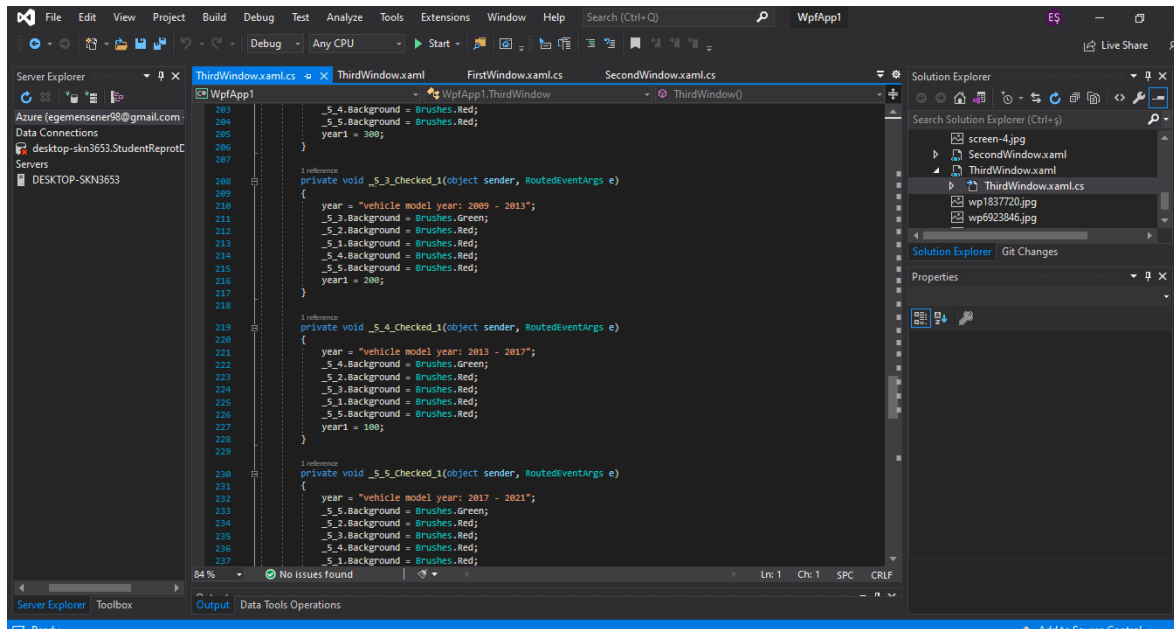


The user enters the c - car code received from our dealer by checking the check boxes in the vertical list boxes respectively. This 5-digit code they received from our dealer actually contains important information about the vehicle for maintenance. Here we store the model of the vehicle, fuel and gear type, equipment level, vehicle colour and the age range, respectively. After entering this code, the user can see the breakdown of this information about his vehicle in the relevant text boxes by pressing the show my car button. When the user enters the c - car code in the service page, the check box selected is green, so that the selected check box is not selected again in the same list box, and the colour of the unselected turns red.

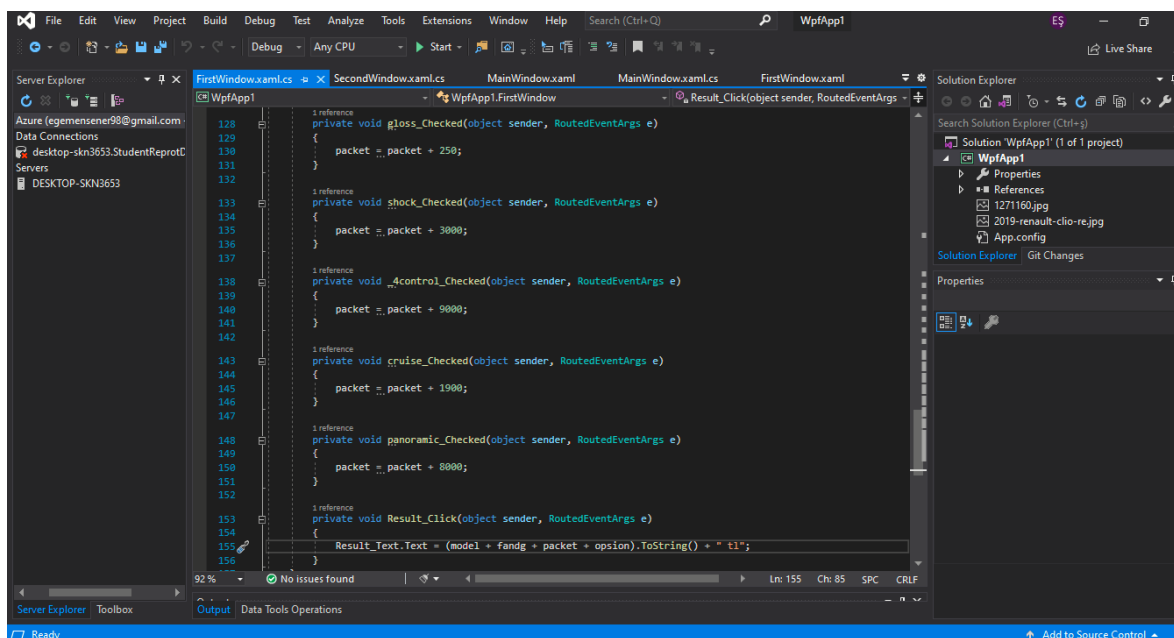
After this step, finally, by pressing the routine care button, he will see how much his car's routine maintenance fee is in the text box. This is a variable price for each car and has been calculated taking into account the characteristics of its vehicle.

And finally, we exit the application by pressing the exit button.

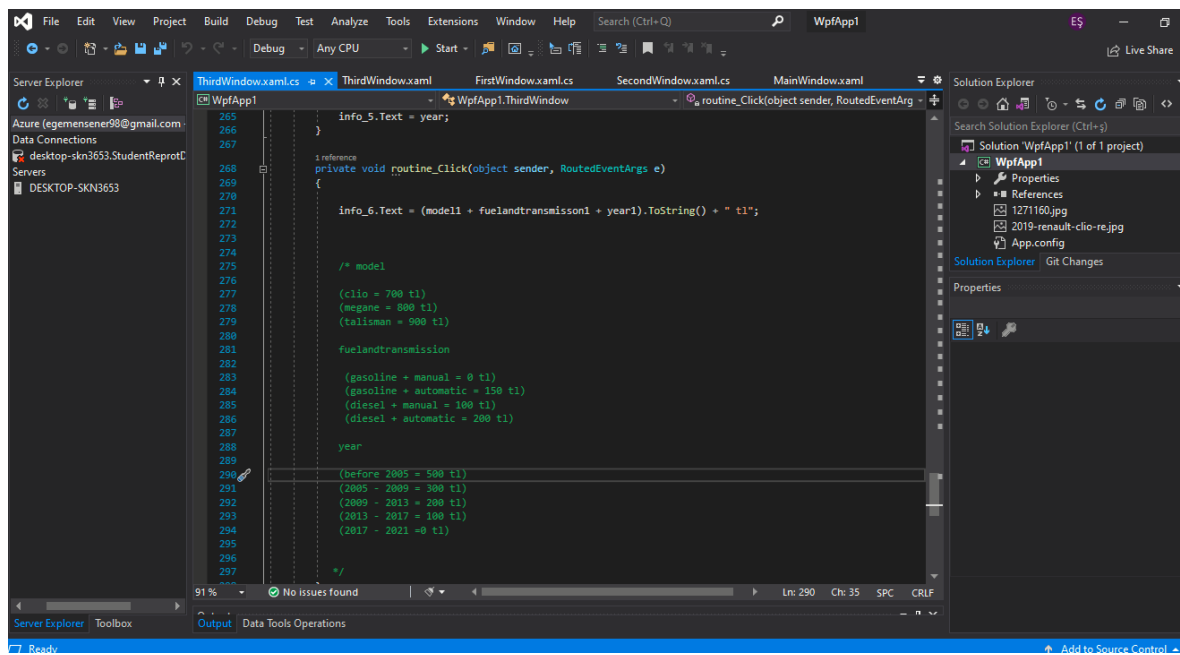
Some of code statements for program execution.



```
203 _S_4.Background = Brushes.Red;
204 _S_5.Background = Brushes.Red;
205 year1 = 300;
206
207
208 1 reference
209 private void _S_3_Checked_1(object sender, RoutedEventArgs e)
210 {
211     year = "vehicle model year: 2009 - 2013";
212     _S_4.Background = Brushes.Green;
213     _S_3.Background = Brushes.Red;
214     _S_1.Background = Brushes.Red;
215     _S_4.Background = Brushes.Red;
216     _S_5.Background = Brushes.Red;
217     year1 = 200;
218 }
219
220 1 reference
221 private void _S_4_Checked_1(object sender, RoutedEventArgs e)
222 {
223     year = "vehicle model year: 2013 - 2017";
224     _S_5.Background = Brushes.Green;
225     _S_2.Background = Brushes.Red;
226     _S_3.Background = Brushes.Red;
227     _S_1.Background = Brushes.Red;
228     _S_5.Background = Brushes.Red;
229     year1 = 100;
230 }
231
232 1 reference
233 private void _S_5_Checked_1(object sender, RoutedEventArgs e)
234 {
235     year = "vehicle model year: 2017 - 2021";
236     _S_5.Background = Brushes.Green;
237     _S_3.Background = Brushes.Red;
238     _S_4.Background = Brushes.Red;
239     _S_1.Background = Brushes.Red;
```



```
128 1 reference
129 private void gloss_Checked(object sender, RoutedEventArgs e)
130 {
131     packet = packet + 250;
132 }
133
134 1 reference
135 private void shock_Checked(object sender, RoutedEventArgs e)
136 {
137     packet = packet + 3000;
138 }
139
140 1 reference
141 private void _4control_Checked(object sender, RoutedEventArgs e)
142 {
143     packet = packet + 9000;
144 }
145
146 1 reference
147 private void cruise_Checked(object sender, RoutedEventArgs e)
148 {
149     packet = packet + 1900;
150 }
151
152 1 reference
153 private void panoramic_Checked(object sender, RoutedEventArgs e)
154 {
155     packet = packet + 8000;
156 }
157
158 1 reference
159 private void Result_Click(object sender, RoutedEventArgs e)
160 {
161     Result_Text.Text = (model + fangd + packet + opson).ToString() + " t1";
162 }
```



References

<https://image.winudf.com/v2/image1/Y29tLnByb3dhbGxwYXB1cnMuUmVuYXVsdFdhbGxwYXB1cnMuaW1hZ2VzLnBpY3R1cmVfc2NyZWVudXZzfMTU4NTE0OTIyMV8wNTY/screen-4.jpg?fakeurl=1&type=.jpg>

<https://wallpapercave.com/wp/wp1837720.jpg>

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<https://www.carpixel.net/w/f10c5a809e91018af7f2750102b4cf7b/renault-clio-car-wallpaper-88520.jpg>

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