**Name:** Travis Griggs

User **Requirements Dodgy Brothers Motor Manager**

**Customer Details:**

* Customer Name
* Customer Price
* Cost of vehicle they want to purchase
* Value of a trade-in vehicle (if they have a vehicle to trade-in)

**Calculations:**

* Sub Amount (vehicle price minus trade-in amount)
* GST Amount (sub Amount \* 10%)
* Final Amount (Sub Amount + GST Amount)

**Buttons:**

* Save the details
* Calculate the costs
* Clear all details

**Other requirements:**

* The name “Dodgy Brothers Motor Manager” at the top of the page
* An appropriate car picture
* Author’s name as developer for ITWorks to be displayed on the page

**I will be using the following organisational guidelines:**

* Use of Microsoft Visual Studio and the Universal Windows Platform with xaml to create User Interfaces for Windows 10 devices.
* Use of C#.NET language for the backend event handling code
* Use of the drag and drop feature of controls in xaml code to design UI prototypes
* UI elements use pixels
* Use of 13.3” screen
* Use of the “Local Machine” to run all apps
* Use of 10 pixels for Margins and Padding
* Use of StackPanels for fluid design, with TextBlock/TextBox pair designed in a horizontal StackPanel
* Use of styles for consistent visual look of controls
* Incorporation of Accessibility features to ensure the app is usable by people who have limitations that prevent or impede the use of conventional user interfaces. To ensure this guideline is adequately addressed Dodgy Brothers Motor Manager will keep up-to-date with the latest Microsoft accessibility features through <https://docs.microsoft.com/en-us/windows/apps/design/accessibility/accessibility>

**According to these guidelines, the language I will use to create my prototype is**

* Xaml & C#.NET

**The IDE I will use is**

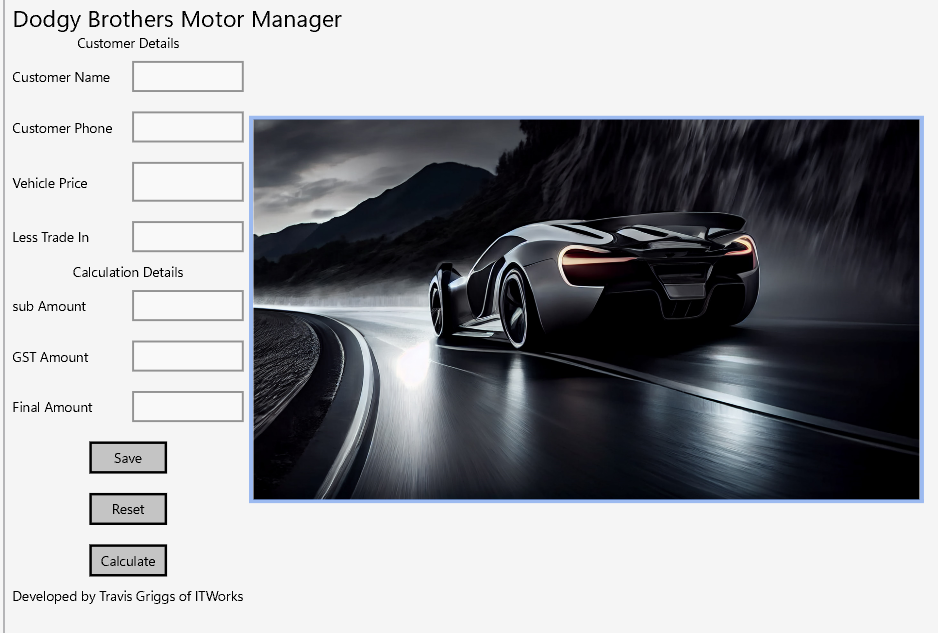
Microsoft Visual Studio and the Universal Windows Platform with xaml

**Screenshot:**

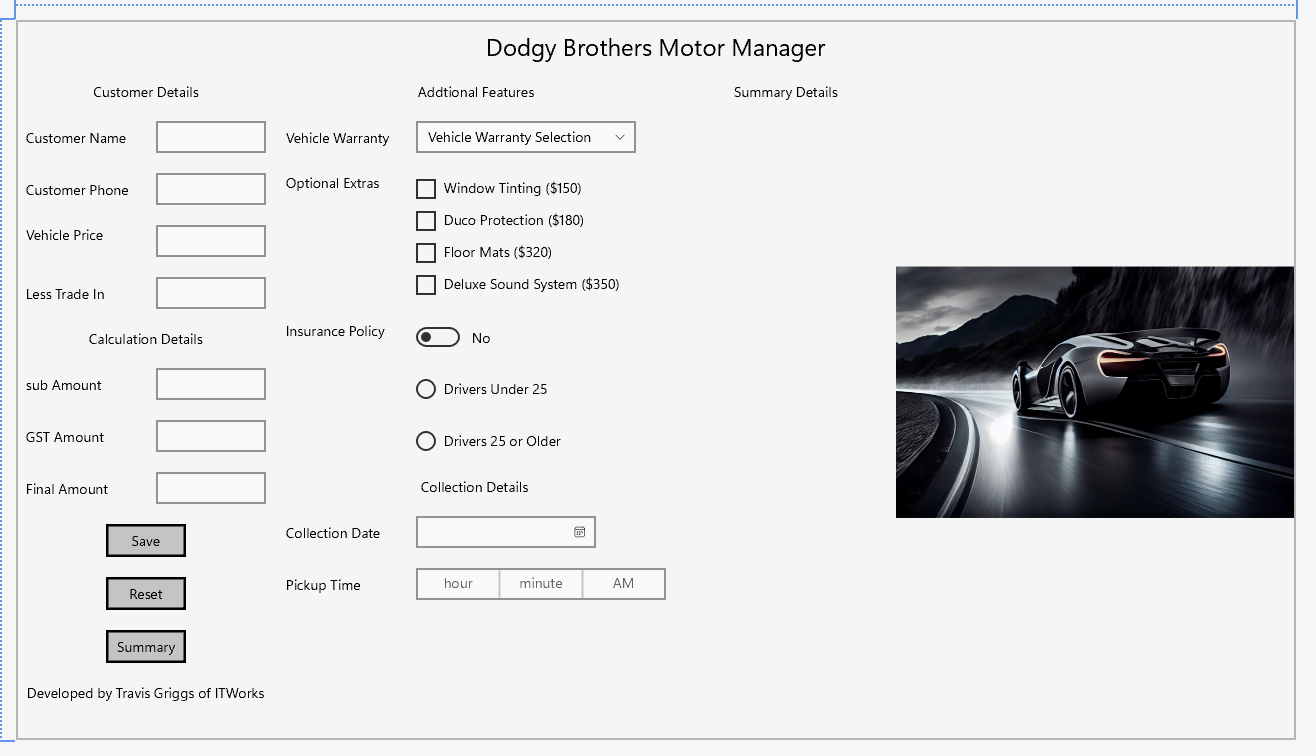
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**Modifications:**

* **Move developer name to the bottom of the screen**
* **Resize the image (smaller)**
* **Add subheading (e.g. customer details & calculation**

****

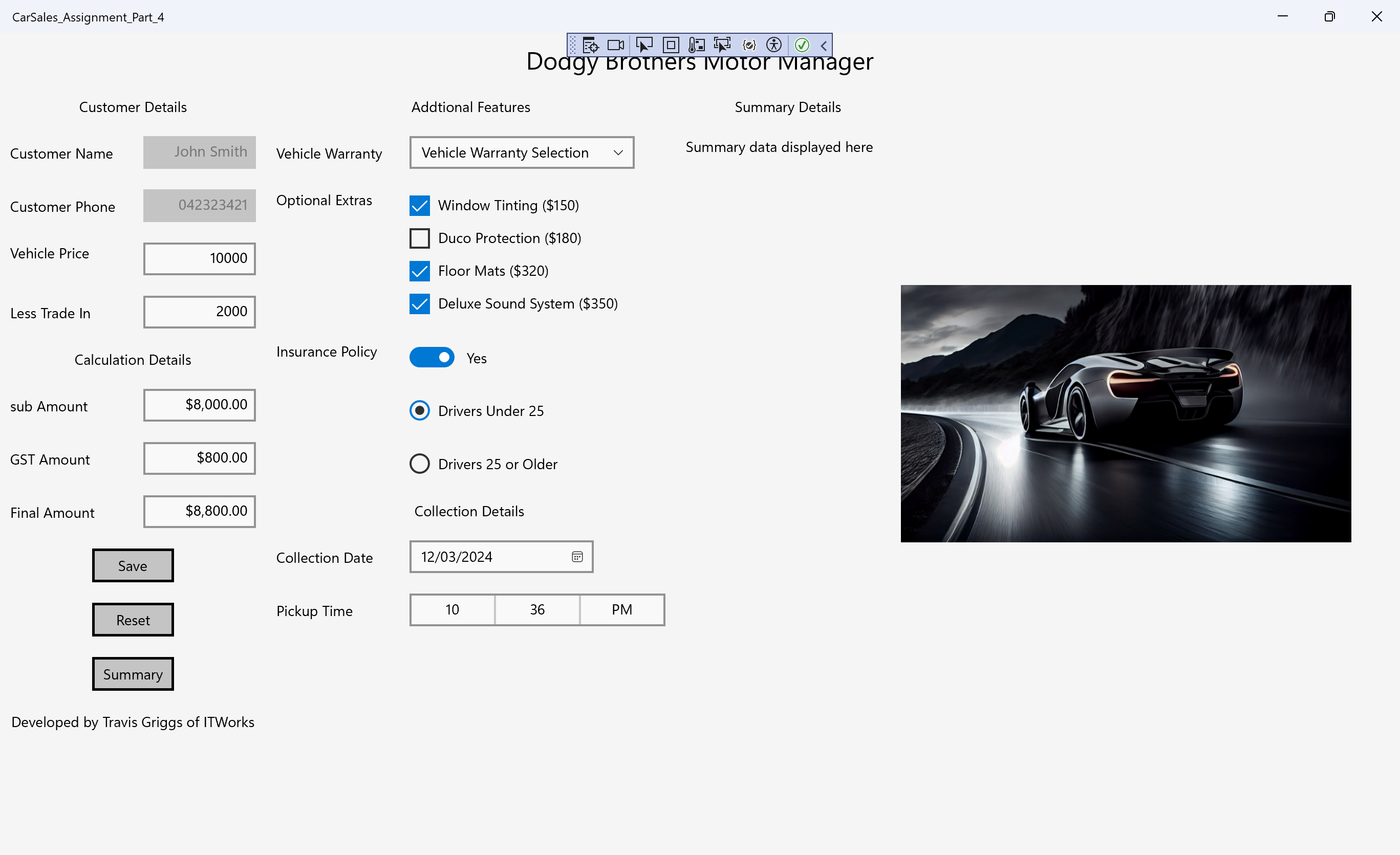
**Screenshot Final:**

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**Modifications:**

* Added a dropdown box from which the user may select vehicle warranty
* Added checkboxes allowing the user to select up to four optional extras
* Added a toggle switch such that the user may identify if they want an insurance policy or not. Additionally, radio buttons were added so the user can state if they are above or under 25 years old, allowing for the insurance policy to be tailored to the customer.
* Added a textbox to display the collection date operated through the use a calendar date picker
* Added a textbox to display the pickup time, in which the user specifying the hour minute and if its AM or PM. Note this is done via the use of a time picker.
* Added a summary details area, which display summary details when the summary button is clicked
* Changed the calculate button to Summary

**Screenshot of Running Program:**

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