Within the table is a list of all the functions within the form: MainWindow.xaml.cs

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| Function | Description |
| Next | The next button will allow the user to move onto the next car stored in the database. |
| Previous | The previous function will enable the user to move back through the list of cars stored. |
| Sort by brand | When this function is used it will enable the user to sort the list so that only specific cars of the selected brand will be displayed, making it easier to find the car they want. |
| Sort by year | Sorting by year will display all cars from the selected year, making it easier to find cars manufactured in a specific year. |
| Sort by price | If a customer is looking for a car within a specific price range this function will make it easier to ascertain what cars are available to them based on their budget. |
| Add | The add function will allow the user to add new information about a car that is currently in the list. |
| Clear selected information | This function will clear an element of information about a car that is selected by the user. |
| New car | The new car function will allow the user to add a new car to the existing list of cars available, the newly added car will go to the end of the list and will be given a corresponding identification number. |
| Cut | When the cut function is used it will remove the car from the list but will create a temporary copy of that car, until the original is deleted. |
| Delete | With the delete function the selected car in the list is removed completely from the records. |
| Copy | The copy function will work similarly to that of the cut function as it will create a temporary object of the selected car that can then be modified by the user. |
| Paste | The paste function will allow the user to paste the copied cars details into a new position in the car list. |

These functions give the user of the system complete control over the database of cars that are being stored.

Car Class

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| --- | --- |
| Accessors | Description |
| Brand | Get: Returns a string containing brand value for the instance of class Car  Set: Set the private property brand for the instance of class Car to the value |
| Model | Get: Returns a string containing mode value for the instance of class Car  Set: Set the private property model of the instance of class Car to the value |
| Year | Get: Returns a DateTime containing year value for the instance of class Car  Set: Set the private property year for the instance of class Car to the value |
| Price | Get: Returns a double containing price value for the instance of class Car  Set: Set the private property price for the instance of class Car to the value |
| Mileage | Get: Returns a float containing Mileage value for the instance of class Car  Set: Set the private property mileage for the instance of class Car to the value |
| BodyType | Get: Returns a string containing body type value for the instance of class Car  Set: Set the private property body type for the instance of class Car to the value |
| Gearbox | Get: Returns a string containing gearbox value for the instance of class Car  Set: Set the private property gearbox for the instance of class Car to the value |
| Information | Get: Returns a list containing strings with information for the instance of class Car  Set: Set the private property information for the instance of class Car to the value |
| ImgPath | Get: Converts string from private property image into a full directory path  Set: Set the private property imgPath for the instance of class Car to the value |
| AddDate | Get: Returns a DateTime containing addDate value for the instance of class Car  Set: Set the private property addDate for the instance of class Car to the value |
| EditDate | Get: Returns a DateTime containing editDate value for the instance of class Car  Set: Set the private property editDate for the instance of class Car to the value |

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| --- | --- |
| Constructor | Description |
| Car() | Get: Returns a string containing the value of the current car  Set: Sets a value containing |
| Car(Car duplicateCar) |  |