# Car Rental System

This Car Rental System has five. The main page that appears when you open it, Customer details, selecting your car to rent, and viewing your receipt for your rental.

### Main Page

When the program is started, you are presented with a GUI asking you to enter the current date. This is so you cannot book a car in the past. This information is stored for use later.

### Second Page (Make Reservation)

On this page you select the date you want to rent a car and the date you want to return the car. You must then enter your date of birth so you cannot make a reservation if you are under the age of 18. This information is stored and carried forward for later.

### Third Page (Customer Data)

On this page you are required to enter the details requested. The fields cannot be left blank in order to proceed. Any attempt to proceed will be met with an error message appearing in a separate panel as well as a red Invalid label appearing next to each field that that does not validate. Your age is carried forward and displayed to the Customer Data form from the Make Reservation page previous.

### Fourth Page (Choosing a car)

Four buttons are displayed each showing a picture of a car. When clicked on they will display the details of that vehicle on the left-hand side. Once selected you may proceed to the final page. If, however you try to proceed without selecting a car, a warning appears asking you to select a car. This is necessary to proceed to the next page.

### Fifth Page (Receipt)

Displayed on this page is a “Receipt”. It shows you all the details you have entered throughout the form. From the “Pick a Date” to “Return date” in the Customer Data form it derives how many days the rental will be. This is then multiplied by the price of the selected vehicle to give you the total for the rental period.

All information entered into the form is then output to a text file called Transactions.txt for the rental companies own reference.