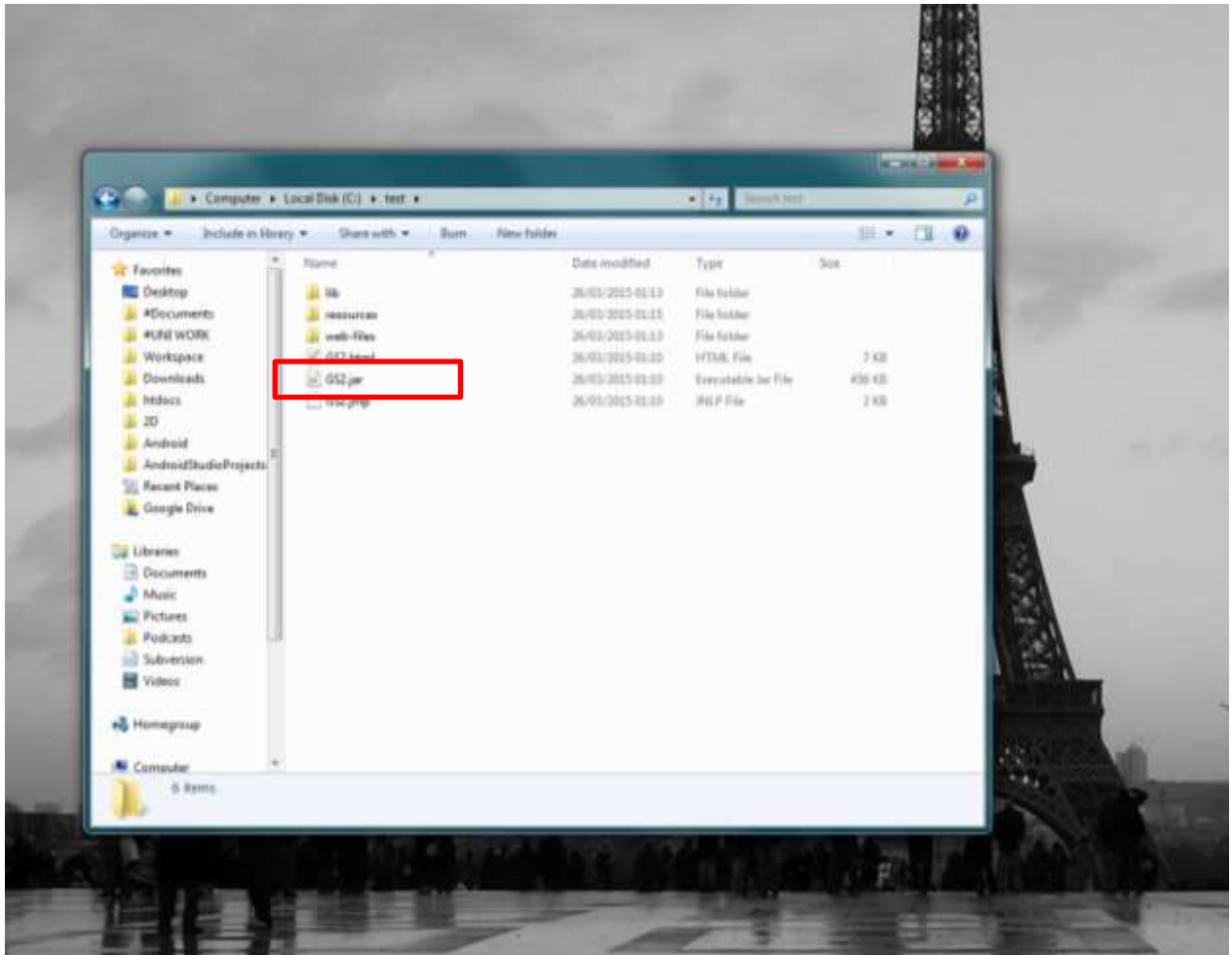


Scheduled Maintenance Bookings

Installation and Running Application

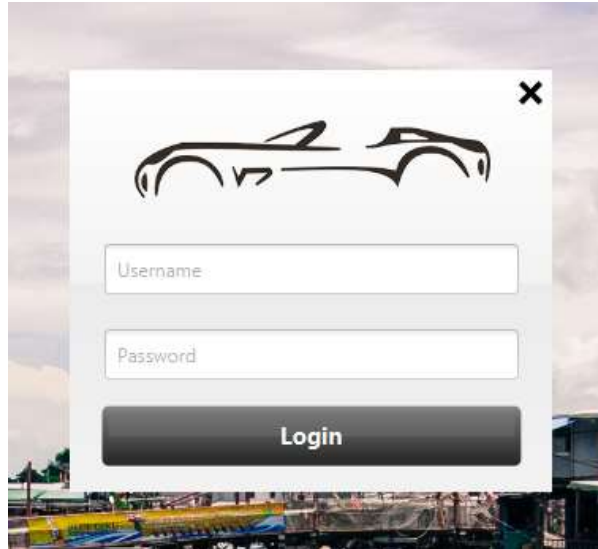
Running the application:



Go to your installation folder and double click the file 'GS2.jar' (outlined in red).

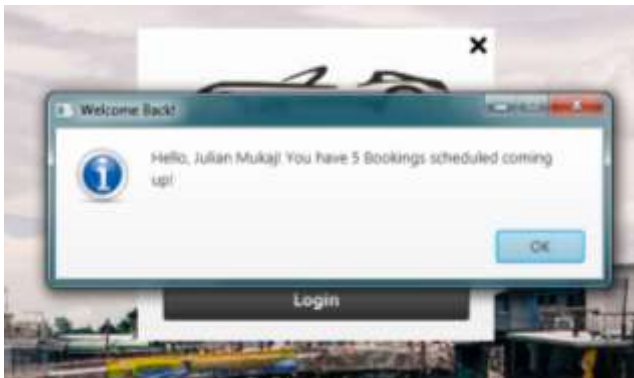
Logging in to Application

Upon opening the GS2.jar:



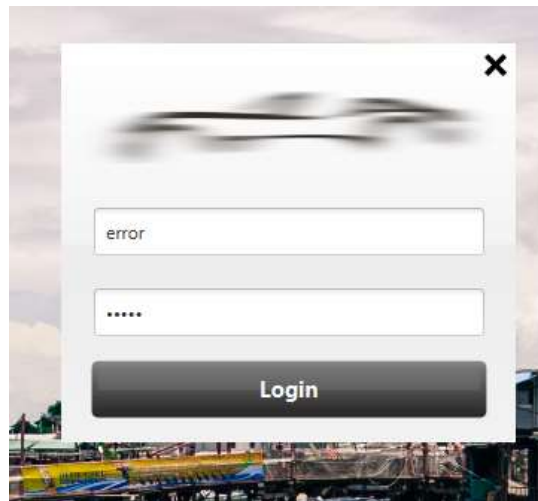
You will be prompted with a pop up box which asks for your log in information. Here you will enter your username in the top text field and then click below on the password text field and enter your password.

Then click the button 'Login'.

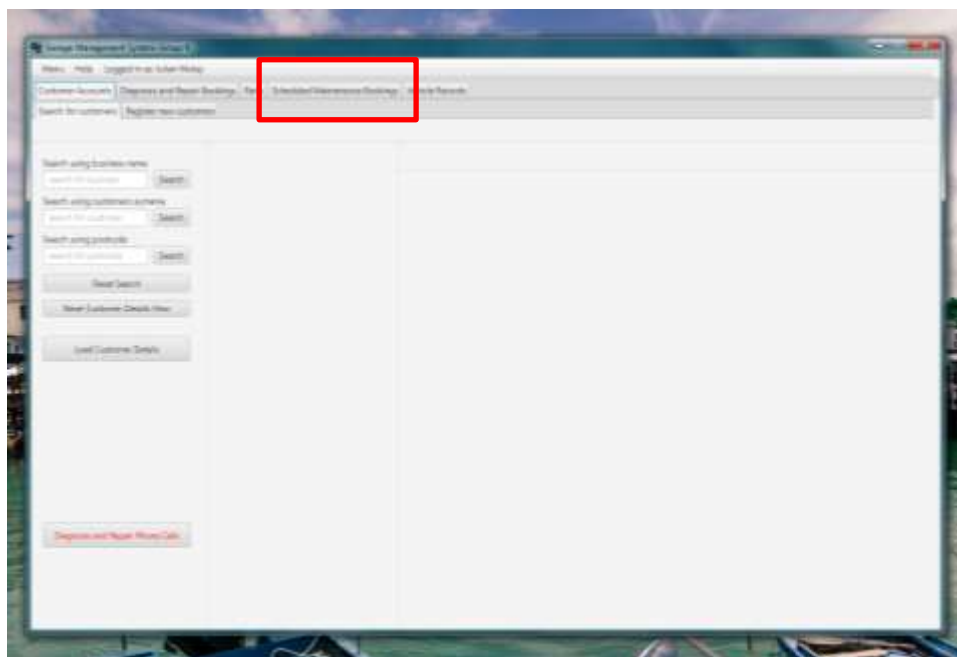


You will be greeted by another pop up box if you are successful. Pop up reminders will be displayed here, for example if you have a phone call to make soon or if you have any bookings coming up. You will also hear a sound while the application loads the main page.

If you are unsuccessful logging in, an animation will appear on the logo indicating an error. It will look like this:



After you have successfully logged in, you will see the following screen. To schedule a maintenance booking you need to go to the Scheduled Maintenance Bookings tab (shown outlined in red in image below).



To open this tab, simply left click it.

The screenshot shows a web-based application for vehicle maintenance bookings. The interface is divided into several sections:

- Customer Details:** Fields for First Name, Surname, Phone Number, Address Line 1, Address Line 2, County, Postcode, Company, and a dropdown for MOT Supply Date.
- Vehicle Details:** Fields for Make, Model, Reg, Mileage, Engine Code, Colour, Fuel Type, Last Service Date, and Mileage.
- Booking Details:** Fields for Booking Type, Booking Fee, Date, Mechanic, Time Start, Time End, and Bay Number. There is also a button labeled "Create Service Request for Booking".
- Booking Notes:** A large text area for notes.
- Parts List:** A text area for listing parts.
- Calendar View:** A horizontal timeline at the bottom showing days from Mon 22/05/12 to Sun 28/05/12. Each day has a colored bar representing a booking. A "Garage Bay Legend" is shown above the calendar, with colored boxes for Bay 1 (red), Bay 2 (orange), Bay 3 (green), Bay 4 (blue), and Bay 5 (purple).

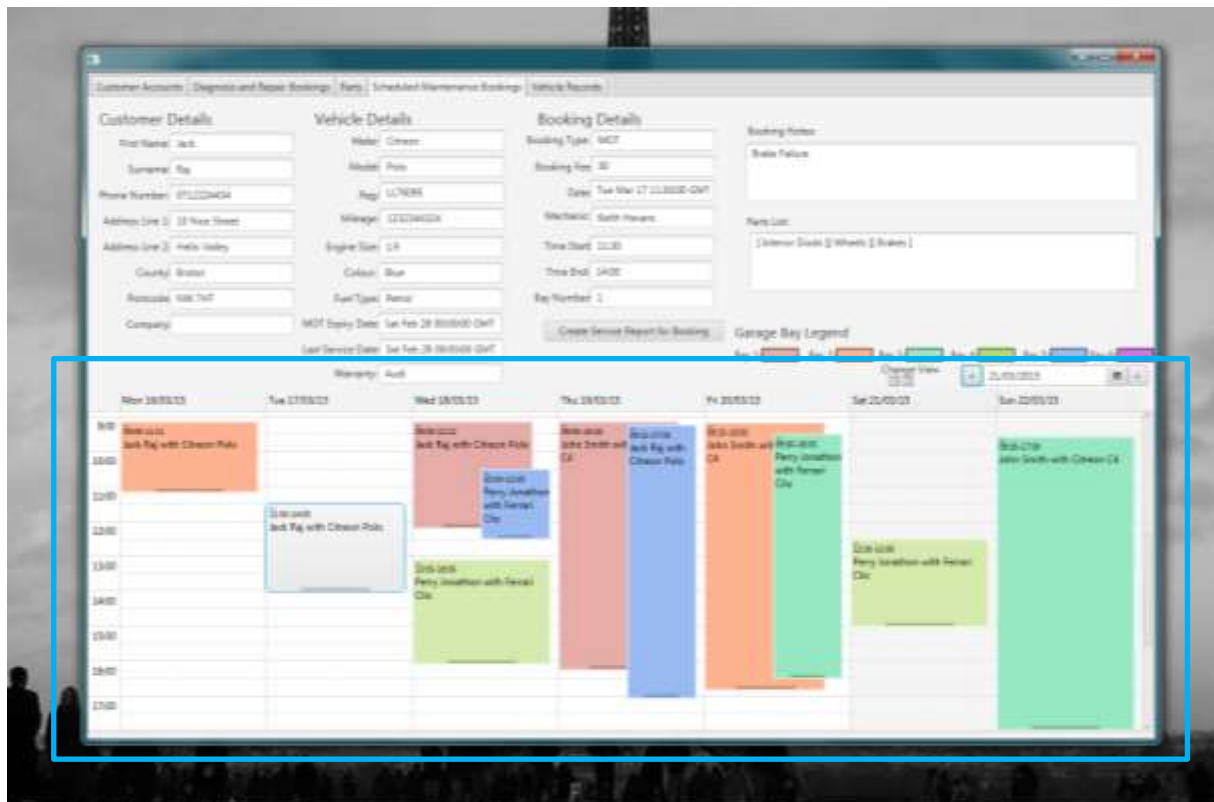
After clicking the scheduled maintenance bookings tab, you will see this view (will look different depending on any previous bookings you have). This is where you will handle all maintenance bookings.

This screen will be further explained below where we outline what every section and button does and how you interact with this screen.

Scheduled Maintenance Bookings GUI

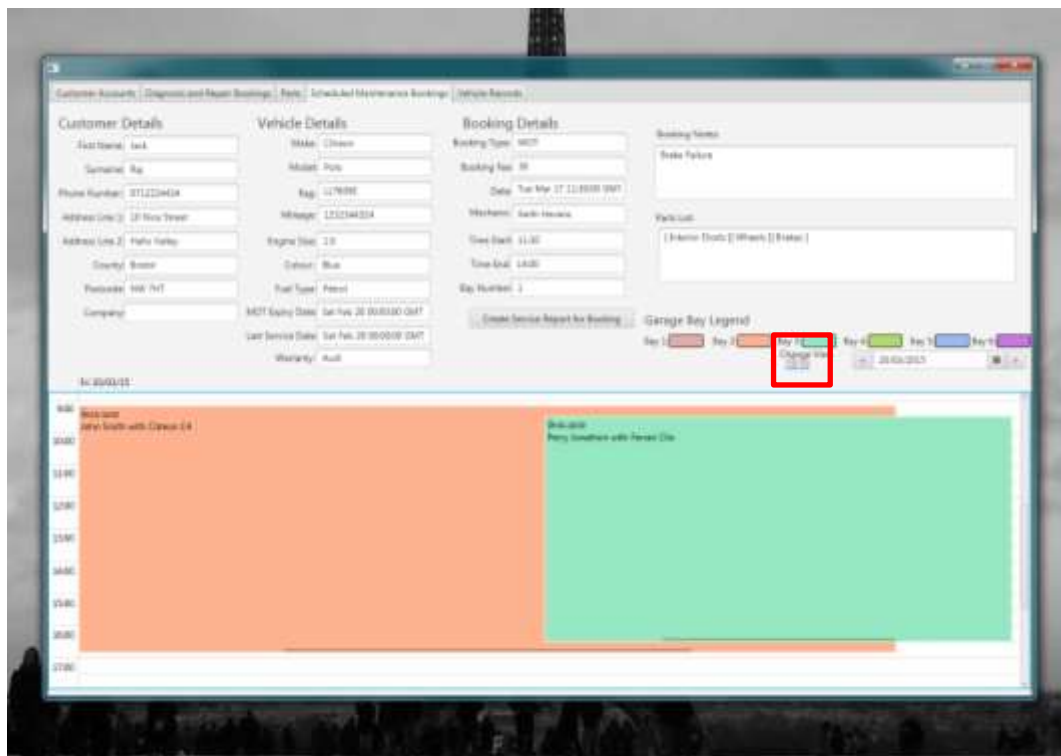
This is what your typical booking view will look like once you have some bookings placed into your database.

AGENDA



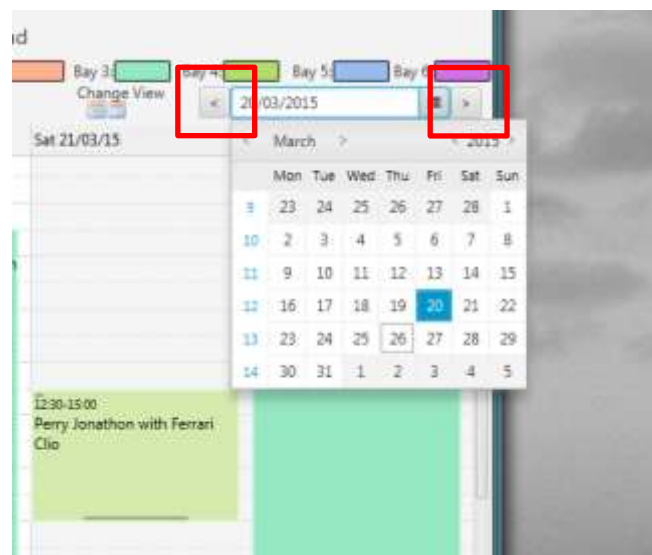
The AGENDA, outlined in BLUE, is a custom component which makes viewing your bookings very easy. It is a calendar with time scales which you can scroll through.

The AGENDA comes in two main views, the view you see above which the WEEKLY view is and the view below:



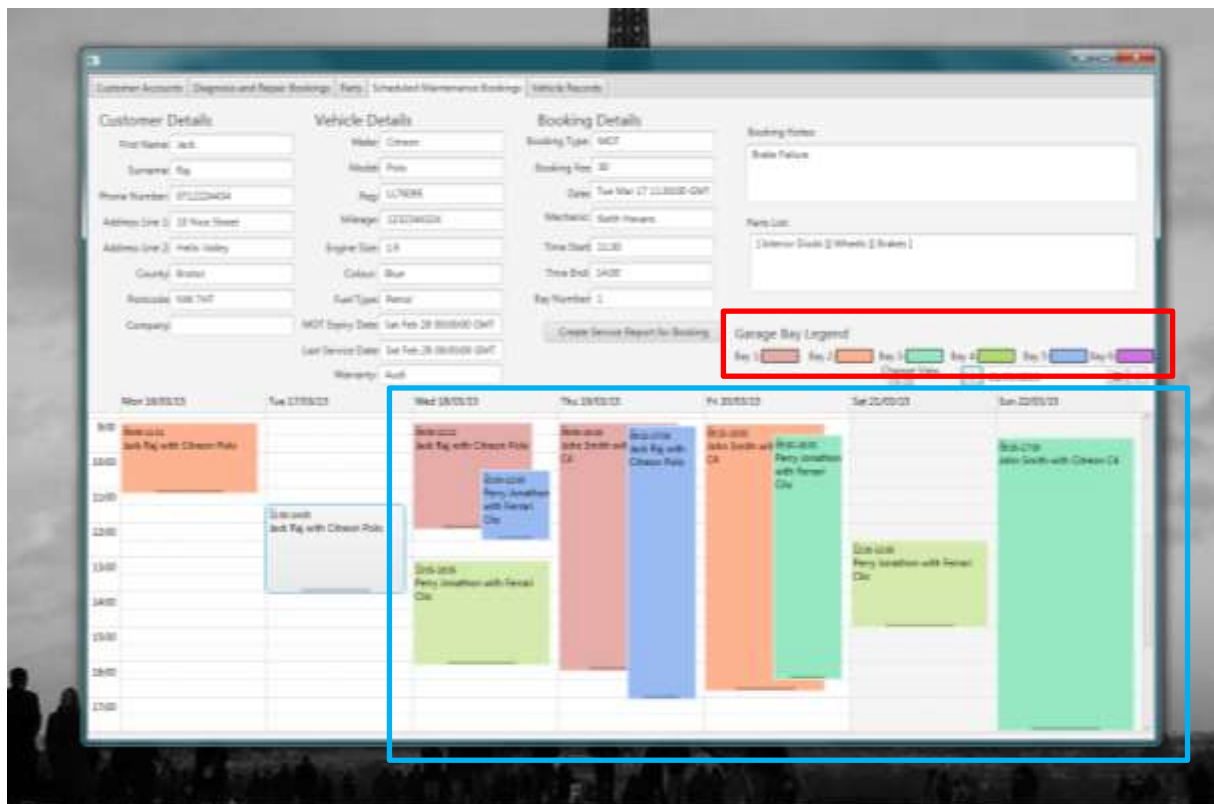
Which is the DAILY view; you can switch between the two views by clicking on the 'Change View'

The AGENDA also comes with a Date Picker which is similar to a MONTHLY view.



Beside the Date Picker you have two buttons which allow for easy day scrolling. Clicking the arrow pointing left moves the AGENDA day back by one, and vice versa for the arrow pointing right.

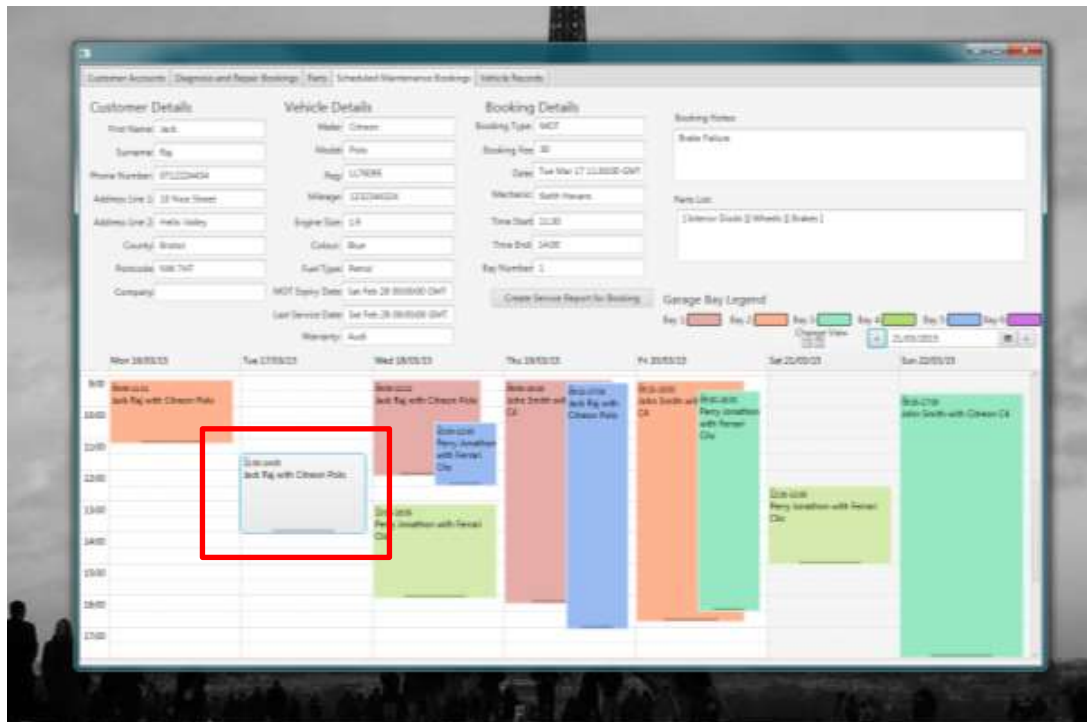
BOOKINGS



Here outlined in BLUE are some bookings on the agenda. The bookings are colour coded depending on which garage bay they belong to. The Colour Legend for this is outlined in RED.

Bookings all provide a short summary which is '[CUSTOMER NAME] with [VEHICLE MAKE AND MODEL]'

SELECTED BOOKINGS



Here outlined in RED is the selected booking. A booking becomes selected when you left click on it. A selected booking also becomes a grey colour as opposed to its Colour-Coded Garage Bay Colour.

Selecting a booking updated the display fields above the agenda.

QUICK DISPLAY FIELDS

The screenshot displays a software interface for managing bookings. The top section, highlighted with a red box, contains three main sections: Customer Details, Vehicle Details, and Booking Details. Below these is a Booking Status section and a Garage Bay Legend. The bottom section shows a calendar view with a grid of appointments, each represented by a colored bar indicating the booking details.

Customer Details

First Name:	Jack
Surname:	Ray
Phone Number:	0712224434
Address Line 1:	10 New Street
Address Line 2:	Walsley, Walsley
County:	West Yorkshire
Postcode:	WF6 7JF
Company:	

Vehicle Details

Model:	Chrysler
Make:	Polo
Reg:	LN7085
Mileage:	123345678
Engine Size:	1.8
Colour:	Blue
Fuel Type:	Petrol
MOI Expiry Date:	Tue Feb 28 00:00:00 GMT
Last Service Date:	Tue Feb 28 00:00:00 GMT
Warranty:	Anti

Booking Details

Booking Type:	MOI
Booking Ref:	32
Date:	Tue Mar 27 11:00:00 GMT
Mechanic:	Smith, Robert
Time Start:	11:00
Time End:	14:00
Bay Number:	1

Booking Status

Status: Pending

Garage Bay Legend

Bay 1: [Red] Bay 2: [Orange] Bay 3: [Green] Bay 4: [Blue] Bay 5: [Purple]

Calendar View

Calendar view showing appointments for the week of 18th to 24th March. Appointments are represented by colored bars indicating the booking details.

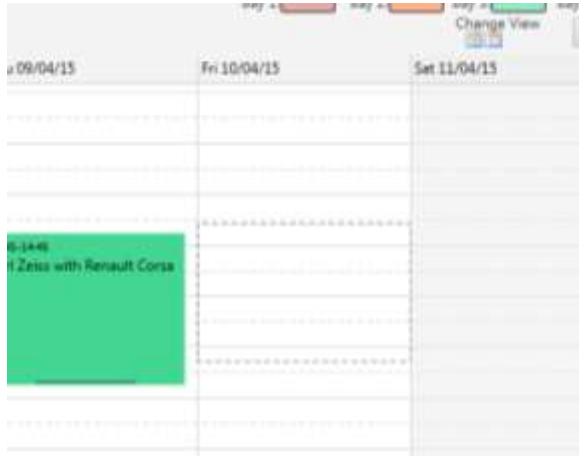
Appointment	Start Time	End Time	Bay
Book 1234 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1235 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1236 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1237 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1238 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1239 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1240 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1241 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1242 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1243 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1244 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1245 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1246 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1247 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1248 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1249 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1250 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1251 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1252 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1253 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1254 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1255 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1256 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1257 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1258 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1259 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1260 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1261 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1262 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1263 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1264 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1265 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1266 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1267 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1268 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1269 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1270 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1271 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1272 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1273 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1274 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1275 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1276 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1277 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1278 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1279 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1280 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1281 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1282 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1283 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1284 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1285 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1286 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1287 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1288 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1289 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1290 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1291 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1292 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1293 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1294 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1295 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1296 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1297 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1298 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1299 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1
Book 1300 Jack Ray with Chrysler Polo	11:00	14:00	Bay 1

The QUICK DISPLAY FIELDS are updated whenever you select an appointment so you can easily see every detail of the booking. This allows you to get the full details other than just the customer name and vehicle make and model.

BOOKING OPERATIONS

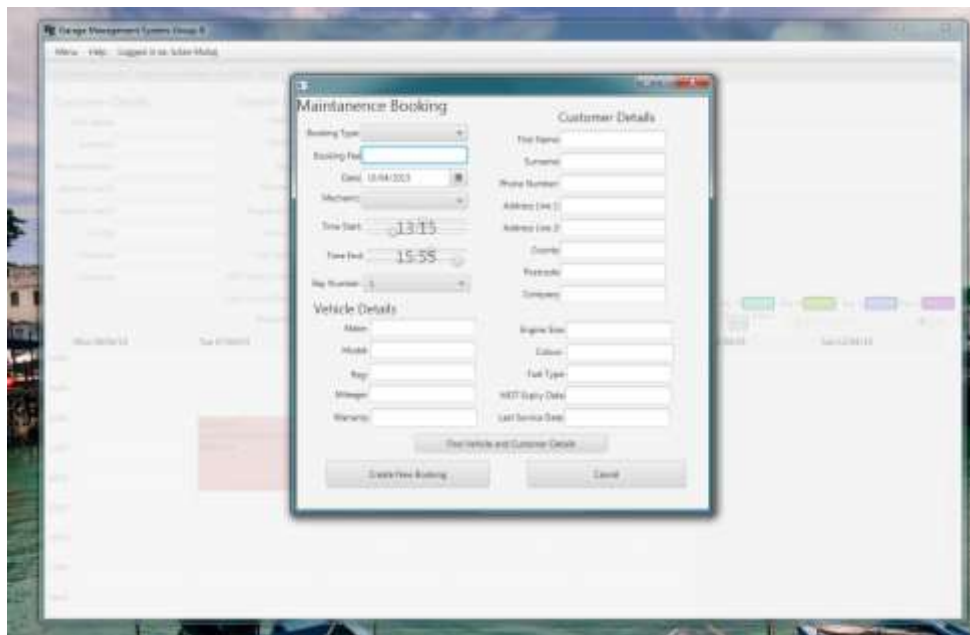
CREATING A BOOKING

To create a booking, you must click and drag on the agenda on the times you wish to create the booking (this can be changed in the dialog so don't worry about being accurate).



Click and hold then drag down on the agenda, finally let go to initiate the creation of the booking.

You will now see this dialog. The main page will be disabled and blurred out while any dialog is open, you must finish your actions here before attempting anything else.



Fill out the fields accordingly

Maintenance Booking

Booking Type: Service

Booking Fee: 150

Date: 31/03/2015

Time Start: 09:40

Time End: 12:35

Mechanic:

Bay Number: 1

This is the booking type for scheduled maintenance. There is 'Service' and 'MOT' to choose from. Both have a set booking price, so you cannot change the price as it will be set according to the type of booking. Fee of 150 for Service and 30 for MOT.

Maintenance Booking

Booking Type: Service

Booking Fee: 150

Date: 31/03/2015

Time Start: 09:40

Time End: 12:35

Mechanic:

Bay Number: 1

Here you can set the Date and Time using the pickers. They are automatically set to the time and date you dragged from on the agenda but you can also change them here if you wish.

Booking Type: Service

Booking Fee: 150

Date: 31/03/2015

Time Start: 09:40

Time End: 12:35

Mechanic: 3:Julian Mukaj

Bay Number: 1

Vehicle D: 3:Julian Mukaj

Make: 4:Joshua Myners

Model: 5:Jackil Rajnicant

Reg: 6:Alex Nesteruk

Mileage: 7:Ibraheem Faisal

Warrant: 8:Eugene Dementiev

A list of mechanics is displayed here, you will be defaulted as the one you are logged in as. But if you wish to create a booking under another Mechanic you can but they need to authenticate the booking with their password

Maintenance Booking

Booking Type:

Booking Fee:

Date:

Time Start:

Time End:

Mechanic:

Bay Number:

Vehicle Details

Make:

Model:

Year:

Color:

Here a list of available bays for the date and time selected will be displayed. This is dynamically updated whenever you change the settings above.

Mileage:

MOT Expiry Date:

Warranty:

Last Service Date:

Next you must click this button here to search for a customer and vehicle.

Search using business name

Search using customers surname

Search using postcode

This dialog box will open up where you can search using the parameters given here.

Search results

First Name	Last Name	Address Line 1	Postcode
Jack	Raj	22 Nica Street	NW 7NT
Perry	Jonathan	94 Cloud Road	UB8 5RT
Joshua	Josh	Joshua	RTS 4D

Search using business name
 Search for business: Search

Search using customers surname
 Search for customers: Search

Search using postcode
 Search for postcode: Search

Reset Search

By searching 'J' we get these results. Double click on the one you wish to use. Then click the X on the small dialog.

You will then see a similar dialog with vehicle results for that customer. Here you can select the vehicle you are looking for then click 'Get Vehicle'.

Vehicle Records

Registration	Customer ID	Car Type	Model	Make	Engine Size	Colour	Fuel Type	MOT Expire Date	Mileage	Last Service Date	Warranty ID
LL76098	5	Van	Polo	Citroen	1.9	Blue	Petrol	2015-02-28	1232344324	2015-02-28	2

Get Vehicle

Your booking is now ready to be created and inserted into the database and agenda. You can now click 'Create New Booking'

Maintenance Booking

Booking Type:

Booking Fee:

Date:

Time Start:

Time End:

Mechanic:

Bay Number:

Customer Details

First Name:

Surname:

Phone Number:

Address Line 1:

Address Line 2:

County:

Postcode:

Company:

Vehicle Details

Make:

Engine Size:

Model:

Colour:

Reg:

Fuel Type:

Mileage:

MOT Expire Date:

Warranty:

Last Service Date:

Find Vehicle and Customer Details

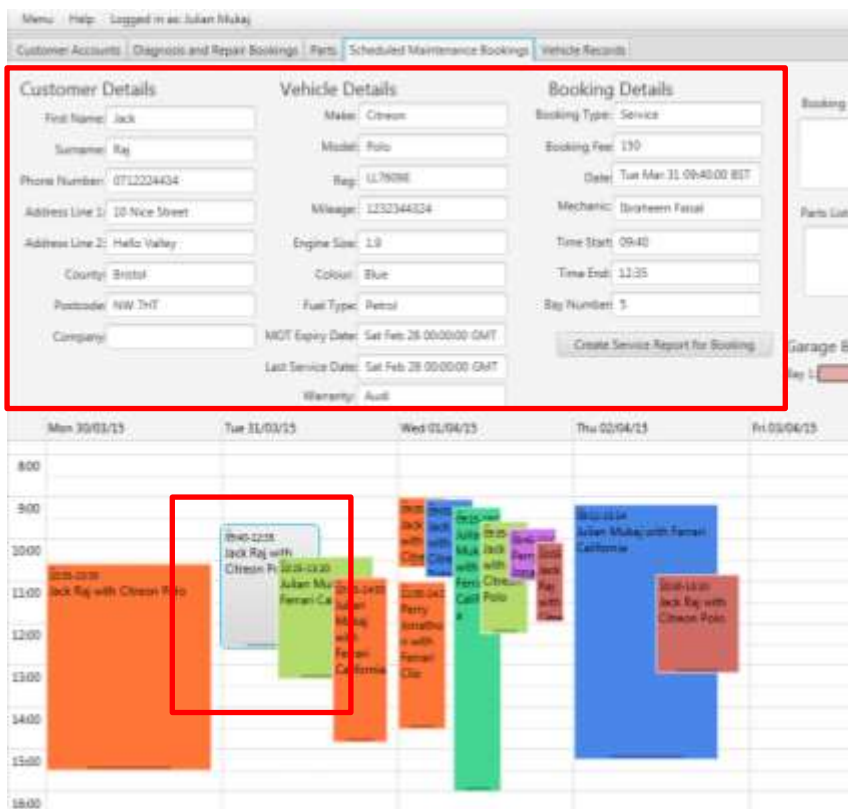
Create New Booking **Cancel**

Completed booking form.

If you selected a mechanic other than the one you logged in as then you will receive this prompt:

The screenshot shows a 'Maintenance Booking' form. A modal window is overlaid on top of the form, displaying a car icon and the text: 'You need authentication from this mechanic to proceed', 'Mechanic: Ibraheem Faisal', and a 'Password:' field with a 'Login' button. The background form includes sections for 'Customer Details' (First Name: Jack, Surname: Raj), 'Vehicle Details' (Make: Citroen, Model: Polo, Reg: LL76096, Mileage: 1232344324, Fuel Type: Petrol), and 'Booking Details' (Booking Type: Service, Booking Fee: 150, Date: 31/03/15, Time Start: 09:40, Time End: 12:35, Mechanic: Ibraheem Faisal, Bay Number: 5). Buttons for 'Find Vehicle and Customer Details', 'Create New Booking', and 'Cancel' are visible at the bottom.

Enter their password and click Login, and the booking should be created.

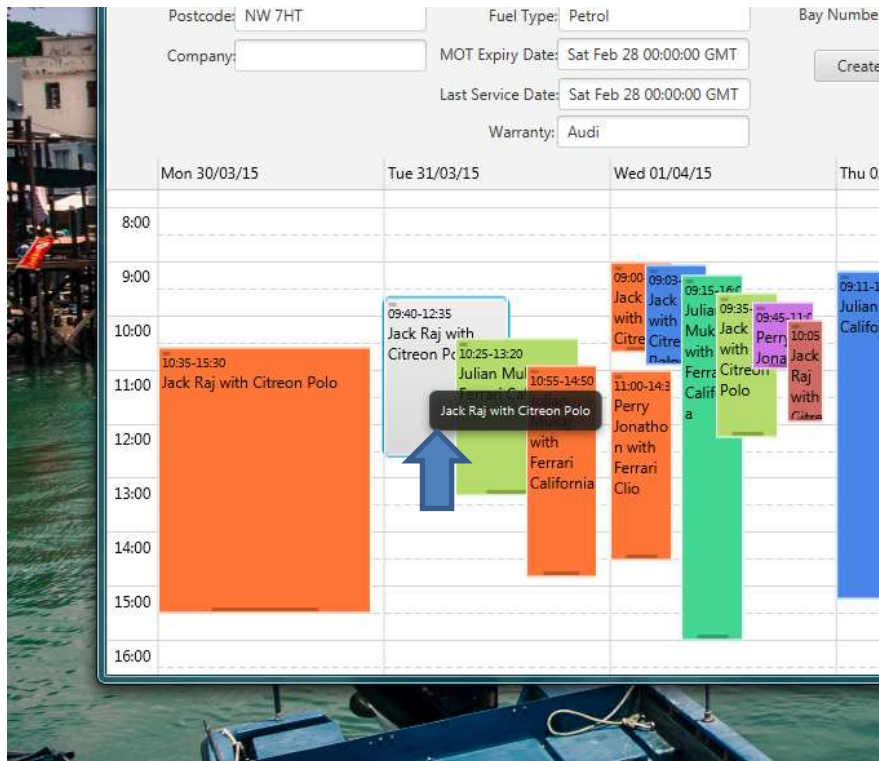


The created (selected) booking displayed on the agenda. With the fields we have just entered.

EDITING A BOOKING

To edit a booking, you simply right click on a booking currently on the agenda. Like so:

(PAST BOOKINGS CANNOT BE EDITED)



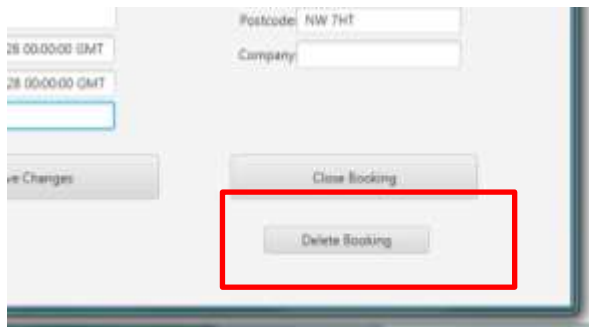
RIGHT CLICKING on a booking
Initiates the Booking Detail Dialog

Make the changes you wish to make here and click 'Save Changes'. If the changes are valid you will get a successful prompt. You cannot change the Booking Customer or Vehicle and you will be asked to authenticate a mechanic again if it is not the one you are logged in as.

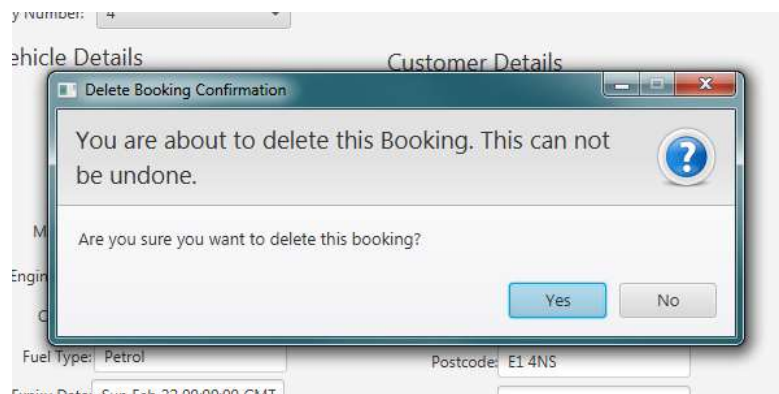


DELETING A BOOKING

Similar to editing a booking, you right click on a booking to open its full details up. Then locate the button at the bottom for deleting a booking. (PAST BOOKINGS CANNOT BE DELETED)



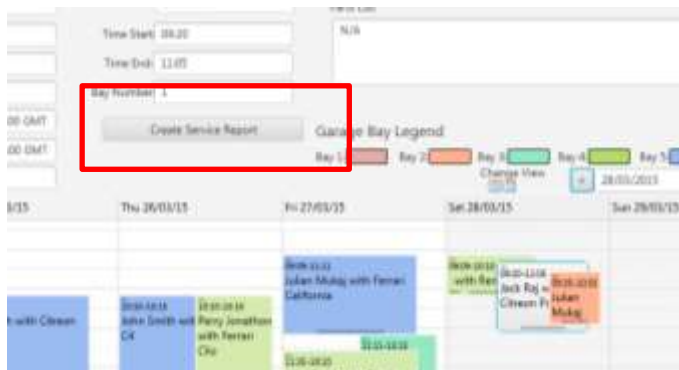
You will be required to confirm deleting the booking to make sure you don't do it accidentally.



The booking will be removed from the agenda and the database once you have confirmed deleting it.

CREATING A SERVICE REPORT

To create a service report for a booking you must first select a booking then click on the 'Create Service Report' Button. (SERVICE REPORTS CAN ONLY BE CREATED FOR BOOKINGS THAT HAVE PASSED OR ARE CURRENTLY IN USE)



Click this button when you have selected a booking



Creating a service report for a booking in the past. This will not be prompted if the booking is currently in use.

Fill in the details here, Mileage must be higher or the same as the last record on the vehicle. A description is not always required but you must fill it in if the outcome is a FAIL

On creating a new report, the customer will be billed and the vehicle Last Service Date or MOT Expire date will be updated.