Diagnosis and Repair Booking Manual
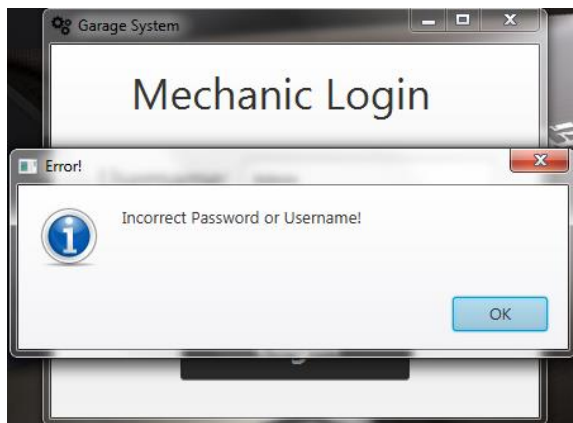
Login Page

When the system starts, the login page will pop up and the mechanic have to type in their login details which is the username and password.
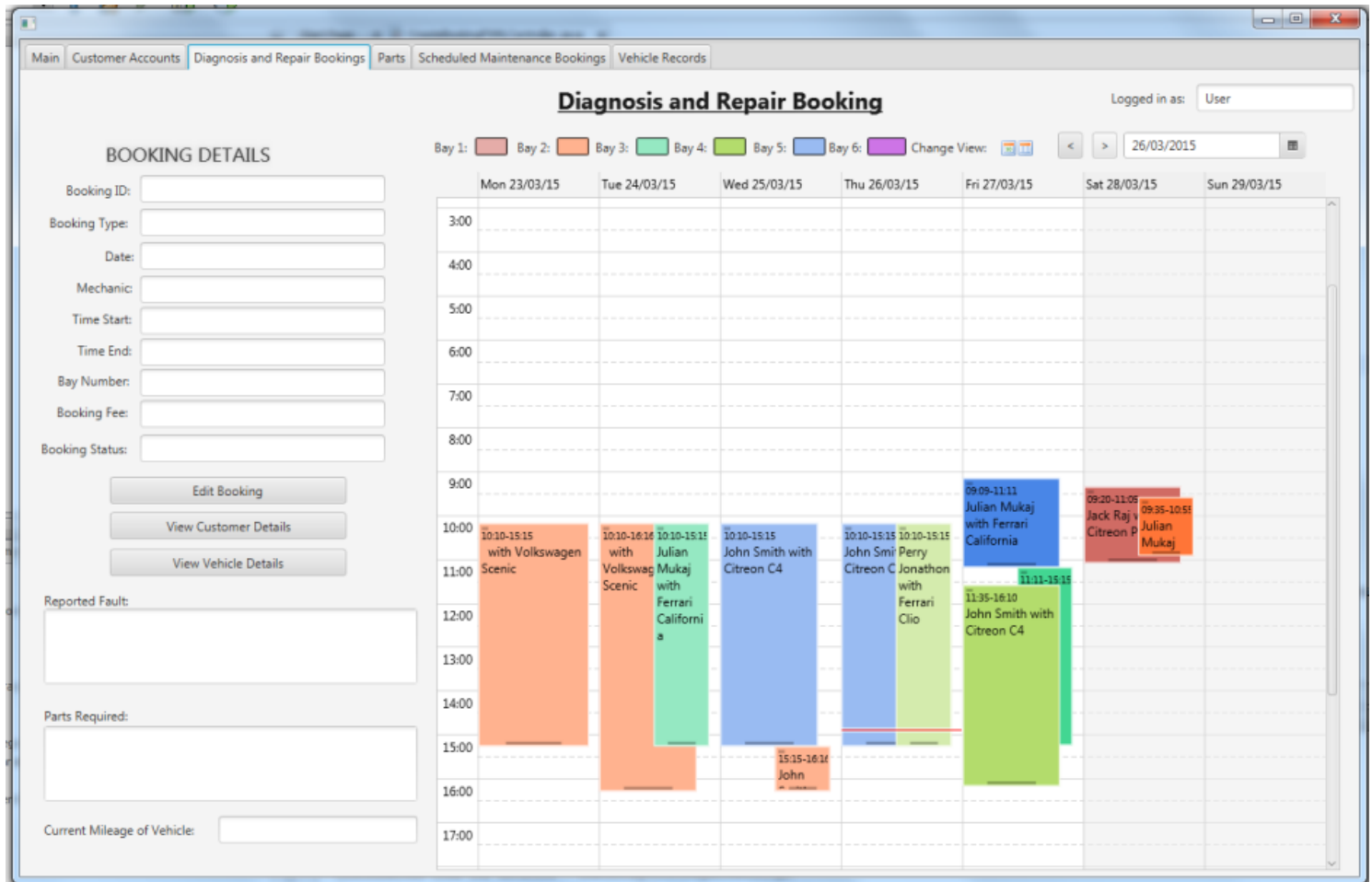

If the password or the username is invalid then dialog box would appear on the screen saying it's incorrect.

Once the mechanic has log on, then go to diagnosis and repair booking tab (shown on the screenshot below).

Main Page

This is the main page for the diagnosis and repair where the all the booking are displayed on the calendar as shown in the print screen below. Also main page shows all the detail for the bookings under booking details.

The main page has three main particular buttons Edit Booking, View Customer Details, and View Customer Details. The mechanic view can view all the parts for the booking list under Parts required and also can see the mileage of vehicle.

There are legends which provide the information about bay allocation. There is date picker to view all days in the month. The left and right arrow basically changes the dates by 1 day forward and backward. Also there is a small icon which changes the view of the calendar so by clicking on, you view it daily or weekly.

The user can select any from the date picker and the calendar/booking displayer will change to that date and date of the week depending on the view.

So on the screen above, you can click on the booking and see all its booking detail on the left hand side of the calendar. If you click on the view another booking, the fields will update and you can see all parts required, Reported Fault and Current mileage of vehicle.

When the user selects a booking click on View Customer, it will display all the customer details for that particular booking.

When the user selects a booking click on View vehicle, it will display all the vehicle details for that particular booking.

Creating a booking

To create a booking, you have drag the arrow from the start time and to the end time and that will automatically pop up a dialog box. The time and day your booking will determine if you can book the booking. If you book the booking on a normal working day between the working hours then the screen below pop up.

The dialog box on the left is creating booking window where the user will enter and select the required details for the booking and then click on 'creating booking' button to creating the booking. The date, start time and end time will be automatically filled because when the user drags to create a booking, it would automatically

To select the customer for the booking, the user will have to click on 'Select Customer' and the small window will pop up (which is shown on the screenshot on the left) where the user can search the customer by enter any one of the fields and pressing the 'search' and would provide the user with a table of all the customers or customer.

First Name	Last Name	Address Line 1	Postcode
Julian	Mukaj	64 Bit Lane	E1 4NS
Jack	Raj	10 Nice Street	NW 7HT
Perry	Jonathon	94 Good Road	UB6 5RT

The screenshot on the left shows a table of customers which have a letter J in it. The user can double click the customer to select and window would close and you would to close the search window (previous window).

After selecting the customer, the user should select the vehicle for the customer. If the customer is selected, only then can the user select the vehicle so after selecting the customer, will directly display all the vehicles for the customer. The screen shot below shows the selection of a vehicle for a booking.

For the selected customer, all their vehicles will be displayed with all the details of the vehicle in a table.

Select the vehicle by double clicking on the row and whole row should be highlighted and afterward click on the 'Get Vehicle' which will select the vehicle. Then close the window by clicking on the close(X) button to return to the creating booking window.

So now, the user has selected the now customer and vehicle for the customer. Then the user would have filled the entire field:

- Mechanic (Required)
- Bay Number (Required)
- Current Mileage (Required)
- Faults Detected (Not Required)
- Parts Required (Not editable)

After the filling all the details, the form should looking like the screenshot on the left.

Selecting Parts

Body and Main	Powertrain	Chassis	Lights	Electrics	Audio & Video	Interior	MISC	Outfit	Air & Heat		
ID		**Name**	**Description**		**Left in Stock**		**Price**			**Basket**	
3		Paint base	Beige colour		34		24.99			☐	
4		Brakes	Beige colour		35		24.99			☐	
6		Light	ppijn		36		9.0			☐	
9		Clutch Cables	asd		35		23.0			☐	
1000		BMW handle hull	beige carbon		1		9.99			☐	
1001		Lock hammer	Insertable		5		7.99			☐	
1002		Hose panel	removable		6		35.0			☐	
1003		BMW Grillers	type 1-6 available		10		25.55			☐	
1004		Door Condensers	AC Type		10		55.68			☐	
1005		Opel/Vauxhal Bumbers	Zafira		5		450.0			☐	
1006		Radiator Support	Aluminium		4		39.99			☐	

Basket and Checkout	Supplier and Outstanding Deliveries List

When the user clicks the select parts (screenshot on the left from creating booking) a window will pop up with all 10 part type categories which are showed on the screen above. This is a part which is integrated with Parts section to select the parts or order the part for the repair.

IMPORTANT NOTE!!

If the user selects the parts and then edit the parts they have selected, they have to select all the parts again that they are selected before and add new parts and this will affect the cost of the booking.

Body and Main	Powertrain	Chassis	Lights	Electrics	Audio & Video	Interior	MISC	Outfit	Air & Heat

| ID	Name	Description	Left in Stock	Price	Basket
3	Paint base	Beige colour	34	24.99	☐
4	Brakes	Beige colour	35	24.99	☐
6	Light	ppijn	36	9.0	☐
9	Clutch Cables	asd	35	23.0	☐
1000	BMW handle hull	beige carbon	1	9.99	☑
1001	Lock hammer	Insertable	5	7.99	☑
1002	Hose panel	removable	6	35.0	☐
1003	BMW Grillers	type 1-6 available	10	25.55	☐
1004	Door Condensers	AC Type	10	55.68	☐
1005	Opel/Vauxhal Bumbers	Zafira	5	450.0	☐
1006	Radiator Support	Aluminium	4	39.99	☐

Basket and Checkout   Supplier and Outstanding Deliveries List

Basket

Click on buy to set number of items. Hit ENTER to commit changes!

ID	Name	Description	In Stock	Price	Order	Buy
1000	BMW handle hull	beige carbon	1	9.99	☑	1
1001	Lock hammer	Insertable	5	7.99	☑	1

Warranty Start: 2015-03-26   Warranty Start: 2016-03-26

Calculate!   Running total:

Check out items   Back

The user can select all the parts they need by clicking on check box and then clicking on the 'Basket and Checkout' to buy the parts for the booking.

When the parts are selected and are placed in the basket, the basket window will pop up with the selected parts and the user can select which parts you want to checkout and set the amount of parts for checkout. Click the Buy cell and enter the amount. The user can calculate the cost of the whole transaction by clicking on 'calculate'. DO NOT FORGET TO HIT ENTER to commit your changes and avoid errors. Click Check out Items buttons to withdraw or Back to cancel operation.

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Click Suppliers and Outstanding Deliveries List button. The user will see the following window
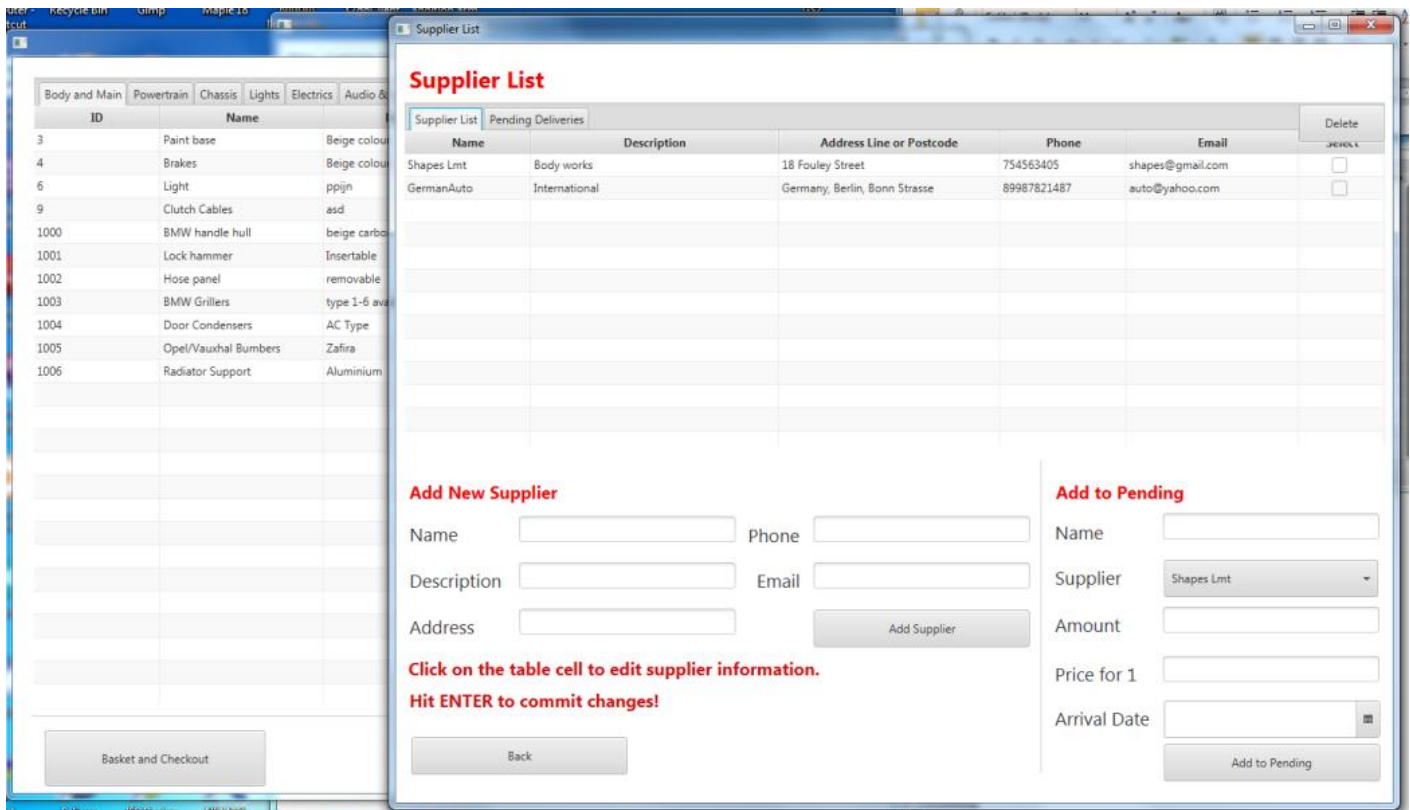
- Here you can add, remove and edit suppliers, as well, as creating orders for the required parts.
- To edit a supplier, click on any cell in the table above and edit the information. DO NOT FORGET TO HIT ENTER to submit your changes!
- To remove supplier - tick the ones that you want to delete in Select column and click delete. User will see a message to confirm your action. After that, the supplier will be deleted.
- User can add the supplier using the appropriate interface provided, similar to one you used in parts.
- Similar mechanism of confirmation will be provided. Note that when you choose the supplier of the part, you can choose the suppliers from the drop box. It is dynamically updated, when you delete or add a new supplier.

Here you will see the interface that allows you to view and track the outstanding deliveries. This interface has methods and ability to send data to PARTS module. For more information on how to add parts from stock to the booking, please refer to PARTS MANUAL.

When all the details are filled in, the user can click on the button 'Creating Booking' which will have a window popping up confirmation the cost of the booking the user is creating. If the user clicks 'YES' then it will create the booking and 'NO' stay on the creating booking for changes the user wants to make before creating the booking or they can also close booking.
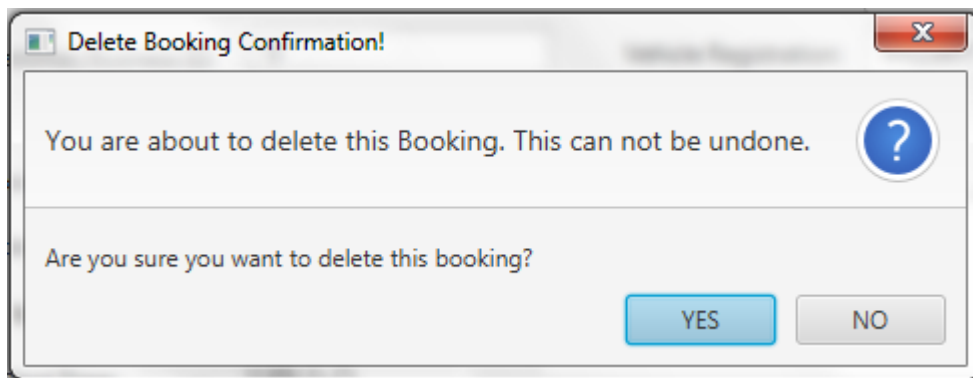
Once the booking is creating, it will directly show up on the main page of Diagnosis and Repair Booking with all the details for booking on the left hand side in the relevant fields.

Editing a Booking

So to editing booking, the user would have to select the booking for the calendar and then click on Edit Booking button on the left under the booking details.

The screenshot on the left shows the window for editing bookings. So the fields will be filled in since the user is not creating a new booking therefore the field will be filled from the previous edit or when first created the booking. The view Parts button has same functionally as when creating new booking (See Section Selecting Parts). So basically the user can edit any field and click on the button 'Save Changes' to edit and save the details. The user can delete booking by click 'Delete booking' and a confirmation dialog will pop up asking the user again if they are sure to delete a booking. The user can complete the booking and a confirmation dialog will pop up asking the user again if they are sure to complete a booking. But the booking can be only completed if it has past booking date. The user can close the window by click close booking.

Delete Booking Confirmation Dialog box

Complete Booking Confirmation Dialog box