1 Test Plan + Results

1.1 Authentication

TEST CASE 1 – LOG IN AS ADMIN

To log in as an administrator, the user must enter the correct username + password (Login ID = '10000', Password = 'password'). The system then logs in and shows the main dashboard WITH the 'Users' button available for selection. --> TEST PASSED

TEST CASE 2 – VIEW A LIST OF EXISTING USERS

To view a list of existing users, you must be logged in as an admin. You must click on the 'Users' button and there you see the list. --> **TEST PASSED**

TEST CASE 3 – CHANGE PASSWORD OF DAY TO DAY USER

To change any passwords, you must be logged in as an administrator. You must click on the 'Users' button and select the user you want to edit and type in the new password and repeat it again then press the 'Save' button. --> TEST PASSED

TEST CASE 4 – CREATE A NEW DAY-TO-DAY USER

To create any new users, you must be logged in as an administrator. You must click on the 'Users' button + press the 'Add' button (userID to be assigned if successfully added is shown) and fill in first and last names('bob'+'ho'), the password ('bob123') and don't tick any check boxes as a day-to-day user isn't an admin or a mechanic. Once added, you will see the new user into the table --> TEST PASSED

TEST CASE 5 – LOGOUT AS ADMIN

To logout as admin, you must first be logged in as admin. Press the 'Logout' button. Window should close and return to the login screen. --> **TEST PASSED**

TEST CASE 6 – LOG IN AS THE NEW DAY-TO-DAY USER

To log in as the new day-to-day user recently created, type in the user ID ('10005') and the password ('bob123') + press the return key or click on 'Log In'. When logged in, the 'Users' button should be disabled, unavailable for selection. --> **TEST PASSED**

TEST CASE 7 - LOGOUT AS DAY-TO-DAY

To logout as a day-to-day user, you must be logged in as a day-to-day user. Press the 'Logout' button. Window should close and return to the login screen. --> **TEST PASSED**

TEST CASE 8 – LOGIN ATTEMPT AS DAY-TO-DAY WITH INCORRECT CREDENTIALS

To attempt to incorrectly log in with the new day-to-day user, type in '10005' in the Login ID text field and 'bob321'. You should get an red error label saying 'Login or Password are incorrect – please try again' + it clears the password box and sets the cursor there for you to try again. --> TEST PASSED

TEST CASE 9 - LOG IN AS ADMIN

To log in as an administrator, the user must enter the correct username + password (Login ID = '10000', Password = 'password'). The system then logs in and shows the main dashboard WITH the 'Users' button available for selection. --> **TEST PASSED**

TEST CASE 10 - DELETE NEWLY CREATED DAY-TO-DAY USER

To delete any users, you must be logged in as an administrator. You must click on the 'Users' button and select the user you want to delete + confirm it. Once deleted, a pop-up message appears confirming the userID just deleted ('10005') + when you progress, the record disappears from the table. --> TEST PASSED

TEST CASE 11 - LOGIN AS DAY-TO-DAY USER

To log in as a day-to-day user recently created, type in the user ID ('10002') and the password ('SamEllie') + press the return key or click on 'Log In'. When logged in, the 'Users' button should be disabled, unavailable for selection. --> TEST PASSED

1.2 Diagnosis + Repair Booking

A precondition for ALL test cases is that you must have clicked on the 'Bookings' button first.

TEST CASE 1 – VIEW DIAGNOSIS + REPAIR BOOKINGS

It will view all existing bookings in the system. --> TEST PASSED

TEST CASE 2 – SEARCH BY PARTIAL VEHICLE REGISTRATION

To search for a booking by a partial vehicle registration number, the user must choose the 'Option' dropdown and select 'Booking' from the 4 options. Then, the user selects the 'Criteria' dropdown and select 'Registration' from the 4 options. The user must then type in their search key ('OGE') + press the 'Search' button. It will then show the search results (2 results) in the table on the left. --> **TEST PASSED**

TEST CASE 3 – SEARCH BY VEHICLE TEMPLATE

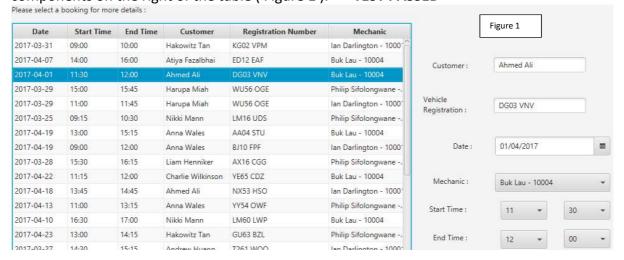
To search for a booking by a vehicle template, the user must choose the 'Option' dropdown and select 'Booking' from the 4 options. Then, the user selects the 'Criteria' dropdown and select 'Template' from the 4 options. Next, a 'Vehicle Template' dropdown appears from which the user can select to search the system with a given vehicle template. It will then show the search results in the table on the left. --> TEST PASSED

TEST CASE 4 – SEARCH BY SURNAME

To search for a booking with a customer's surname, the user must choose the 'Option' dropdown and select 'Booking' from the 4 options. Then, the user selects the 'Criteria' dropdown and select 'Name' from the 4 options. The user must then type in their search key + press the 'Search' button. It will then show the search results in the table on the left. --> TEST PASSED

TEST CASE 5 – VIEW A DIAGNOSIS + REPAIRS BOOKING DETAILS

To select a 'Diagnosis + Repair Booking', the user can select the wanted booking. Once a booking has been selected, the details of the booking concerned will fill into the components on the right of the table (Figure 1). --> TEST PASSED



TEST CASE 6 – VIEW LIST OF FUTURE DIAGNOSIS + REPAIR BOOKINGS

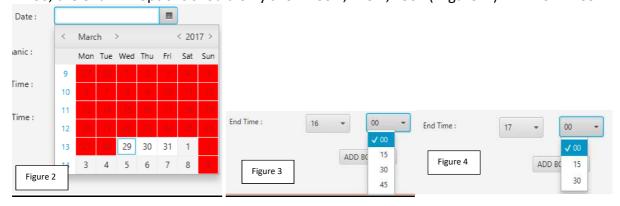
To view a list of future bookings, the , must click on the button labelled 'Show Next Bookings Per Vehicle'. Once the button has been pressed, the table now only shows the next future bookings. --> TEST PASSED

TEST CASE 7 – VIEW FUTURE DIAGNOSIS + REPAIR BOOKING DETAILS

To select a future 'Diagnosis + Repair Booking', the user must click on the button labelled 'Show Next Bookings Per Vehicle'. Then, the user can select the wanted future booking. Once a booking has been selected, the details of the booking concerned will fill into the components on the right of the table (like in TEST CASE 5). --> TEST PASSED

TEST CASE 8 – ATTEMPT OF MAKING BOOKING OUTSIDE WORKING HOURS

Click on the date picker interface to try + select a Sunday, it should be blocked out (Figure 2). If you click on an a weekday (Wednesday) + select an end hr of 16:00, the end min options should show '00', '15', '30', '45' (Figure 3). But if you choose an end hr of 17:00, the end min options should only show '00', '15', '30' (Figure 4). --> **TEST PASSED**



TEST CASE 9 - EDIT MILEAGE OF VEHICLE ASSOCIATED WITH PAST BOOKING

To edit the mileage of a vehicle associated with a past booking, the user must click on the button labelled 'Show Next Bookings Per Vehicle'. Then, the user then selects a future booking. Next, they press the 'Complete Booking' button which then they can proceed to type in the updated vehicle mileage then the user should press the 'Complete' button to update that booking. This should update the vehicle mileage for a given vehicle which can be seen when you search for the vehicle in question. --> TEST PASSED

TEST CASE 10 - CREATE A NEW DIAGNOSIS + REPAIR BOOKING

To create a new booking, the user must press the 'Add Booking' button and then type in a valid vehicle currently in the system ('ED12 EAF') + press the 'Search' button. If a valid vehicle registration is entered, a confirmation message in green will appear, else a red error message will appear. The user must then choose a booking dates, start and end times then press the 'Add Booking' button. Once a booking has been added successfully, you should see the booking added into the table on the right. --> TEST PASSED

TEST CASE 11 – LOGOUT + LOG IN

To logout, the user has to click on the button labelled 'Logout' + to log in, the user must then type in the correct Login ID + password then press the return key OR click the 'Log In' button and if the correct credentials are entered; it brings you to the dashboard. The user can click on the 'Bookings' button and they will be able to see the recently created booking in the table. --> TEST PASSED

TEST CASE 12 – ATTEMPT TO ADD A BOOKING ON BANK HOLIDAY

To add a booking, the user would click on the 'Add Booking' button and click the date picker interface and if they navigate to a bank holiday + try to select it (Good Friday, 14/04/2017), it doesn't allow them to (Figure 5).

