

Test Plan and Results

Amy Dowse

Test Cases - Authentication (A)

	Test Case	Result	Input Data	Result
1	Logon as existing system administrator – provide id and password	PASS	ID: 10000 Password: password	The screen will change from the login screen to the main system screen.
2	View list of existing users (all users of both types)	PASS	Press the 'User' button on the top of the screen.	The bottom half of the screen will display a list of users and textboxes where you can edit data.
3	Change password of existing day-to-day user	PASS	Select 'Lisa Wiggs' from the list and type in a new password in both password boxes (replace SamEllie) and press Save.	The database will be updated – there will be no change to the screen.
4	Create a new day-to-day user	PASS	Press the 'Add' button First name: Amy Last name: Dowse Password: pass Repeated password: pass	You will be taken back to the main User screen where the newly added user will appear in this list.
5	Logout existing administrator	PASS	Press the 'Log Out' button in the top left hand corner of the screen	The screen will change from the main system screen to the login system screen.
6	Login as the new day-to-day user	PASS	ID: 1000? Password: pass	The screen will change from the login screen to the main system screen – the 'User' button will not be active
7	Logout as new day-to-day user	PASS	Press the 'Log Out' button in the top left hand corner of the screen	The screen will change from the main system screen to the login system screen.
8	Attempt to login as new day-to-day user with incorrect authentication	PASS	ID: 1000? Password: testing	You will remain on the login screen – a message will appear telling the user that the credentials were incorrect. The user will

				be prompted to re-enter these details.
9	Logon as existing system administrator	PASS	ID: 10000 Password: password	The screen will change from the login screen to the main system screen.
10	Delete newly created day-to-day user	PASS	Select 'Amy Dowse' from the list and press the 'Delete' button. When prompted to, press 'OK' to confirm you want to delete	A popup box will appear to confirm the user has been deleted. You will then be on the main user page and the deleted user will not appear in the list
11	Login as existing day-to-day user	PASS	ID: 10003 Password: Summer17	The screen will change from the login screen to the main system screen – the 'User' button will not be active

The image displays two screenshots of the GM-SIS application interface with various annotations.

Top Screenshot (Login Screen):

- Login screen:** Points to the login form titled "Garage Management Information System". It includes fields for "Login ID" and "Password", and a "Log In" button.

Bottom Screenshot (Main System Screen):

- Information about all users:** Points to the "Users" tab in the top navigation bar.
- Log out button:** Points to the "Log Out" button in the top right corner.
- Access to user information:** Points to the "SEARCH" button in the search bar.
- Editable area for a selected user:** Points to the form on the right side of the screen, which includes fields for "First Name", "Last Name", "Password", and "Repeated Password", along with checkboxes for "Admin" and "Mechanic".
- Button to add a new user:** Points to the "Add New Employee" button in the bottom left corner.
- Button to save changes to the selected user:** Points to the "Save" button in the bottom left corner.
- Generated ID for the added user:** Points to the "ID Number" field in the "Add New Employee" form.
- Area to enter details of the new user:** Points to the "First Name", "Last Name", "Password", and "Repeated Password" fields in the "Add New Employee" form.
- Button to delete the selected user:** Points to the "Delete" button in the bottom right corner.
- Information about all users so that the user can check they are not duplicating a user:** Points to the "Current Users" table, which lists users with columns for "ID Number", "Name", "Is Admin", "Is Mechanic", and "Hourly Rate".

Test Cases - Vehicle record (A)

Test Case		Result	Input Data	Result
1	Search for vehicles by type (car, truck, van)	PASS	Select 'Vehicle' as criteria 1 Select 'Type' as criteria 2 Select 'Car' from the search term	You will go to the search result screen where you can select the correct vehicle to view its details, customer details, booking and parts used
2	Select vehicle and show parts used, past and future booking dates, and the total cost per booking (warranty and non-warranty)	PASS	Select 'Vehicle' as criteria 1 Select 'Registration' as criteria 2 Enter 'GU63 BZL' as the search term	You will go to the search result screen where you can select the 'GU63 BZL' vehicle to view the details of past and future bookings along with bill total and status (Paid, Unpaid, Warranty or N/A for no bill generated yet)
3	Search for vehicles by manufacturer	PASS	Select 'Vehicle' as criteria 1 Select 'Registration as criteria 2 Enter 'Suzuki' as the search term	You will go to the search result screen where you can select the 'GU63 BZL' vehicle to view the details related to this vehicle
4	Select vehicle and show details	PASS	Select the 'Vehicle' button at the top of the screen and then select 'LM16 UDS' from the list on the right hand side	All of the details about the vehicle, and warranty if applicable, will be shown You will also see the customer details and the next upcoming booking
5	Edit an existing vehicle record	PASS	Select the 'Vehicle' button at the top of the screen and then select 'LM16 UDS' from the list on the right hand side, change the colour to 'Red' and press 'Save'	The vehicle record will be updated in the database – when you then select 'LM16 UDS' it will show the colour as Red

6	Edit the warranty details of a vehicle under warranty	PASS	Select the 'Vehicle' button at the top of the screen and then select 'LM16 UDS' from the list on the right hand side, alter the warranty information, such as company name, and press 'Save'	The vehicle record will be updated in the database – when you then select 'LM16 UDS' it will show the new warranty company name
7	Delete a vehicle record	PASS	Select the 'Vehicle' button at the top of the screen and then select 'LR07 OUD' from the list and press the 'Delete' button. When prompted to, press 'OK' to confirm you want to delete	A popup box will appear to confirm the user has been deleted. You will then be on the main vehicle page and the deleted vehicle will not appear in the list
8	Create a new vehicle record	PASS	Select the 'Vehicle' button at the top of the screen and then select Add'. Enter 'Anna' into the search box and press search. Select 'Anna Wales' from the list shown. Enter in the details that are asked of you using the registration 'KG17 DRZ'. If you want to add a warranty, select the 'Warranty' tick box and fill in the information. Then select a date for the booking for that vehicle, selecting start and end times. Use the list on the right hand side of the screen to identify available slots.	You will be taken back to the main vehicle screen where the newly added vehicle can be viewed The booking will also have been added to the system
9	Logout, close application and log back in. Show created record is persistently stored	PASS	Press the 'Log Out' button in the top left hand corner. Then enter the log in: Username: 10000 Password: password Select the 'Vehicle' button at the top of the screen	In the list on the left hand side of the screen the registration 'KG17 DRZ' will appear and when clicked on, all details will be displayed

Information about all vehicles

Access to Vehicle information

Non-editable area showing the next booking and owner information

Editable area for a selected vehicle and warranty

Button to delete the selected user

Button to save changes to the selected user

Button to add a new user

Search for an existing customer to link the new vehicle to

Information of selected customer

List of customers matching search that is selected to link with the vehicle

Area to enter the vehicle and warranty information

A list showing all of the bookings already made on the day that you select for the booking

Area to enter the booking associated with the vehicle you are adding

Button to save the vehicle and booking

Criteria to select / enter when searching for a vehicle

List of all vehicles that match the search criteria

Non-editable area showing the vehicle, warranty and owner information

List of all bookings made for that vehicle, along with bill total and status

List of all parts used for a vehicle – the date installed corresponds to the booking date