	Feature	Test(s) performed	RESULT
F01	Authentication & Security levels	**F01.01 Prove that an unknown userid & password (does not exist on the sys_users worksheet) will not be accepted and user cannot access the system**. Expected result: receive error message 'Invalid userid, please try again...' and the system exits. **F01.02 Prove that a known userid with incorrect password will not be accepted and user cannot access the system.** Expected result: receive error message 'Invalid userid, please try again...' and the system exits. **F01.03 Prove that a user-level id, once signed in, will not allow access to the (M)aintain System menu.** Expected result: User receives message 'Insufficient security priviledges' and the main menu is re-displayed **F01.04 Prove that an administrator-level id, once signed in, WILL allow access to the (M)aintain system menu**	F01.01 PASS: Result as expected, user cannot gain access to RepairsTracker F01.02 PASS: Result as expected, user cannot gain access to RepairsTracker F01.03 PASS: Result as expected, non-admin user cannot access the M menu F01.04 PASS: Result as expected, admin user can access the M menu
F02	Structured Navigation menus	**F02.01 Prove that selecting each option in turn from the main menu invokes the correct option** Expected results: E brings the user to an entry screen for estimates/ repairs F brings the user to an option to find/view repairs N triggers a routine to create an SMS notification M brings the user to a system maintenance menu (if logged in as an administrator) H invokes a help screen X ends the program and returns the user to the prompt screen	**F02.01 PASS:** Result as expected (all tests on 'Main' menu)
F02	Structured Navigation menus (ctd)	**F02.02. Prove that selecting each option in turn from the Enter menu invokes the expected functionality:** E causes entry of an estimate (record type E, status 10) R causes entry of a repair (record type R, status 20) X returns the user to the main menu	**F02.02 PASS:** Result as expected (all tests on 'Enter' menu)
F02	Structured Navigation menus (ctd)	**F02.03. Prove that selecting each option in turn from the Maintain menu invokes the expected functionality:** C produces a list of customers I produces a list of Item types M displays a list of material/ metal types S displays a list of status codes used for repairs lifecycle U displays a list of system users H displays the system help screen X returns the user to the main menu	**F02.03 PASS:** Result as expected (all tests on 'Maintain' menu)
F03	Typeahead	**F03.01 Prove that, from main menu, entering the following options invokes the expected functionality:** MI produces a list of Item types MS displays a list of status codes used for repairs lifecycle MU displays a list of system users MX redisplays the main menu	**F03.01 PASS:** Result as expected (all tests from 'Main' menu)
F04	Help screen	**F04.01 Prove that a help screen is displayed when option H is taken from Main or Maintain menus**	**F04.01 PASS:** Result as expected
F05	Dynamic prompts based on system list values	**F05.01 Prove that removing an entry from the sys_item Google sheet means the option is no longer available when in repair entry mode** **F05.02 Prove that adding an entry e.g. 'earlet' to the sys_item Google sheet means that item is offered as an option when in repairs entry mode**.	**F05.01 PASS:** Result as expected
F06	Colour coded messages - provides clear feedback & nav	**F06.01: Prove that appropriate messages are provided in the following circumstances - expected results:** * menu display - title subtitle and menu content in different colours * Incorrect userid or password - error message * customer record retrieved in entry mode - success message * invalid menu option selected - error message * Incorrect value entered when entering repair (e.g. item type) - error message	**F06.01 FAIL** on last test - elements within repair entry are not being fully tested..... REVISIT THIS 10/07/23
F07	Database held in Google sheets	**F07.01 Prove that the underlying data can be seen in Google sheets.** Expected result: one sheet per table (repairs, customers, users, etc....) is present and contains structured data.	**F07.01 PASS**
F07	Database held in Google sheets (ctd)	**F07.02 Prove that adding data to one of the sheets (e.g. customer data) means the data is visible within the RepairsTracker application**. Expected result: Add a new customer (including phone number) to the sys_cust sheet, then in repairs entry mode, type the new customer phone # and the customer details are retrieved.	**F07.02 hmmmm.... Phone number entered as text with leading ' quote, when I tried to enter as a number it dropped the leading 0 and reformatted the field using thousands separators.** **New customer was retrieved during the entry process but displayed as all caps, would prefer mixed case display.** **Was also loaded to the repair record as all caps.... would prefer mixed case customer name on repair record**

F07	Database held in Google sheets (ctd)	**F07.03 Prove that it is possible to filter records within Google sheet**s, for example to view all repairs at 'entered/ in progress' status, and all repair records where the due date = today.	**F07.03 PASS** **Click on a colum in the sheet (e.g. rep_date_tocollect), then from the top menu take data - create a filter - Google sheets will apply the appropriate type of filter (date, text etc), and will prompt the user with values already within the sheet, e.g. 10/07/23**
F08	Enter a repair/ estimate - each captures slightly differen	Enter a repair/ estimate - each captures slightly different fields, although some fields are common to both. Each is assigned a status according to lifecycle. Each obtains a unique id #. TESTS TO BE FURTHER DEFINED…..	F08 - PASS (more detail needed)
F09	data retrieval to assist in keying -e.g. retrieval & promp	**F09.01 Prove that entry of a phone number within the customer database will retrieve the customer record** assoicated with that mobile phone #	F09.01 PASS? Name is retrieved but displaying in uppercase, rather than mixed case e.g. Christopher Winters, as per the customer record.
F09	data retrieval to assist in keying (ctd)	**F09.02 Prove that the customer name can be auto-loaded** into the estimate/repair record	F09.02 FAIL? (Name: Christopher Winters - hmmmm retrieved and loaded, but displaying and loading in uppercase….)
F09	data retrieval to assist in keying (ctd)	**F09.03 Prove that use of a phone number not in the customer databas**e will not retrieve a customer record, will display message 'Existing customer not found' and will prompt for entry of Customer Name.	F09.03 PASS
F09	data retrieval to assist in keying (ctd)	**F09.04 Prove that it is possible to manually enter a name** if the customer record is not retrieved	F09.04 PASS
F09	data retrieval to assist in keying (ctd)	**F09.05 Prove that it is possible to override the suggested name** when a customer record is retrieved	F09.05 PASS
F10	Convert estimate -> repair (FUTURE)	Convert estimate -> repair (FUTURE)	N/A (FUTURE)
F11	Find a repair - including repair status	F11.01 Prove that it is possible to retrieve a repair ID and associated details	F11.01 HMMMM….. Yes it is possible to see all repairs but would prefer to be able to find a specific repair…
F12	Notify customers via SMS of repair completion	**F12.01 Prove that it is possible to generate an SMS** auto notifying a customer of repair completion **F12.02 Prove that, if credentials are not correct, the SMS notification will fail gracefully** and return meaningful error message to the user	F12.01 PASS F12.02 PASS
F13	Print label/ docket (FUTURE)	Print label/ docket (FUTURE)	N/A (FUTURE)
F14	Maintain system data	**F14.01 Prove that it is possible to list contents of system files** using the options from the 'Maintain' menu	F14.01 PASS
F15	Update repair e.g. from status 'notified' (50) to 'collecte	Update repair e.g. from status 'notified' (50) to 'collected' (60) (FUTURE)	N/A (FUTURE)