

## Testing for Team Knuth

### Login component

Test	Expected Outcome	Actual Outcome	Pass/Fail
1	Typing a username/password that doesn't exist should not allow user to log in and provide an error	User can't log in and an error is received	Pass
2	Typing in a correct username and password should log the user in and take them to the correct screen depending on user type	If logging is as a technician taken to correct screen. The same for all other user accounts	Pass

### Job progress component

Test	Expected Outcome	Actual Outcome	Pass/Fail
1	When loading the job progress component, the layout should be the same across different platforms	The layout is broken on certain devices, making some text fields unusable	Fail
2	Typing a string into the time needed and manufacture year should not allow input	The text fields allow string input	Fail
3	Saving job without all fields with values should update the database	The database does not get updated	Fail
4	Saving job with all fields should update the database	The database gets updated	Pass
5	RE TEST for test 1	The layout is the same across all devices	Pass
6	RE TEST for test 2	The text fields only allow int input	Pass
7	RE TEST for test 3	The database is updated	Pass
8	Loading job that doesn't exist should give an error	An error is given	Pass
9	Loading job that exists should load job and all required fields	All required fields are filled	Pass
10	Exporting a job should save job details to a text file	Jobs details are exported	Pass
11	Clicking new job should create a blank job to start from	A blank job is created	Pass
12	Pressing the complete button should update the database and set the date_completed to current date	Database is updated with the current date	Pass
13	Pressing approved should update the database and set the approved to 1	Database updated	Pass
14	Pressing inspected by should automatically fill the field with the currently logged in user	Field is filled with current username	Pass
15	Choosing an inspected by date should update the database	The database is updated	Pass
16	Changing the job status should update the database	The database is updated	Pass

**Task Allocation Component**

<b>Test</b>	<b>Expected Outcome</b>	<b>Actual Outcome</b>	<b>Pass/Fail</b>
1	Assigning a task to a user should update the database with the user name selected and automatically generate the date due and date assigned	The database is updated with all the correct data	Pass
2	Username should be loaded from database to ensure a task is given to an existing user	The username is inputted by using a text field – Reported to Matthew Pritchard	Fail
3	Assigning a task that already has a user should provide an error	An error occurs with the correct error message	Pass
4	Assigning a task that is not assigned but no technician should provide an error	An error occurs with the correct error message	Pass
5	Selecting a technician name from the search choice box and clicking the view tasks button should only show task in which have been assigned to that user	Tasks only assigned to that technician are correctly displayed	Pass
6	Searching for a task by username should show tasks for users that are assigned tasks	Searching for username “tech” shows multiple tasks for that user	Pass
7	Clicking overdue button will only show tasks in which are overdue	Overdue tasks correctly displayed	Pass
8	Clicking suspended button will only show tasks in which are suspended	Suspended tasks correctly displayed	Pass
9	Clicking completed button will only show tasks that are completed	Completed tasks correctly displayed	Pass
10	Not assigned button will only display tasks that have not been assigned	Non-assigned tasks correctly displayed	Pass
11	RETEST - Username should be loaded from database to ensure a task is given to an existing user	The usernames on the system are correctly loaded into choice box for selection	Pass

**User account component**

<b>Test</b>	<b>Expected Outcome</b>	<b>Actual Outcome</b>	<b>Pass/Fail</b>
1	When the details username =” tech” and password =”test” are entered and the log on button is selected the user should be successfully logged on as a technician and directed to the technician home page	The user was successfully logged on as expected and directed to the correct screen	Pass
2	When the details username =” hr” and password =”test” are entered and the log on button is selected the user should be successfully logged on as a HR member and be directed the HR home page	The user was successfully logged on as expected and directed to the correct screen	Pass
3	When the details username =” manager” and password =”test” are entered and the log on button is	The user was successfully logged on as expected and directed to the correct screen	Pass

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	selected the user should be successfully logged on as a manager and be directed to the manger home age		
4	When the details username =" Tech" and password ="test" are entered and the log on button is selected the system should display an error message	The user was displayed with the correct error message as expected, due to the capital letter in tech	Pass
5	When the details username =" manager" and password ="Test" are entered and the log on button is selected the user should be successfully logged on as a manager	The user was displayed with the correct error message as expected due to the capital letter in Test	Pass
6	Double clicking on a row in the users table should open a new window for editing users	The edit user window is opened	Pass
7	Giving a user a new username/type and clicking save should update the table and the database with the new details	The table and database are updated	Pass
8	Clicking on the delete button when editing a user should remove the user from the table and the database	The user is removed from the table and the database	Pass
9	Double clicking on a row in the jobs that need parts table should remove the job from the table and suspend the job in the database	The job is removed, and the database is updated	Pass
10	Double clicking on a row in the parts table should change the availability	The availability is changed	Pass
11	Double clicking on any task row as a technician should take you to the jobs screen with that job loaded	The job is loaded when clicking on any row in any of the task tables	Pass
12	When a user has notifications, a button should show	A button shows at the top right	Pass
13	When the new notifications button is clicked a new window opens with all the notifications	The notification window opens	Pass
14	When double clicking on a notification it should be removed from the window and deleted from the database	The notification is removed from the window and deleted from the database	Pass
15	Clicking on the edit account button should open a new window for editing the currently signed in user. The fields should also be filled in with the current user's username and password	The window opens with the correct information in the text fields	Pass
16	When the user makes a change to their details using the edit account button and clicks save the users details are saved and updated in the database	The user's details are saved and updated in the database	Pass

**Job delay component**

<b>Test</b>	<b>Expected Outcome</b>	<b>Actual Outcome</b>	<b>Pass/Fail</b>
1	When a job number is entered, and load job status button is selected it should show whether it is suspended or active. TEST DATA	Correct data is displayed	Pass
2	When a job is loaded you must be able to change whether it is active or suspended by selecting from the choice box and selecting the save job status TEST DATA	Data is correctly changed	Pass
3	When a task number is entered, and load task status button is selected it should show whether it is suspended or active. TEST DATA	Correct data is displayed	Pass
4	When a task is loaded you must be able to change whether it is active or suspended by selecting from the choice box and selecting the save task status TEST DATA	Data is correctly changed	Pass
5	when a task is entered, and alert technician button is selected it should send data to the alerts table saying hat the task is from the previous day and they should receive a confirmation on this TEST DATA	Alerts table is correctly filled, and confirmation message is shown	Pass
6	when a task is entered, and alert technician button is selected it should NOT send data to the alert table as task it not from previous day and display a message to the user TEST DATA	Alerts table is NOT filled, and error message is displayed correctly	Pass
8	when a job number is entered, and the alert customer service button is selected it should send data to the alerts table saying that the job is goanna take longer than expected they should receive a confirmation on this TEST DATA	Alerts table is filled, and error message is displayed correctly	Pass
9	when a job number is entered, and the alert customer service button is selected it should NOT send data to the alerts table saying that the job is goanna take longer than expected and they should receive an error TEST DATA	Alerts table is NOT filled, and error message is displayed correctly	Pass

### Navigation Components

Test	Expected Outcome	Actual Outcome	Pass/Fail
1	Selecting the Job card on the home page should take you to the Job card page	Correctly navigated to the job card page	Pass
2	Selecting the task allocate button on the home page should take you to the task allocation page	Correctly navigated to the task allocation page	Pass
3	Selecting the user account button on the home page should take you to the user account page	Correctly navigated to the user account page	Pass
4	Selecting the back button on the job card page should take you back to the relevant home page	Correctly navigated back to the home page	Pass
5	Clicking on the logout button should take you back to the login screen	Correctly navigated back to the login page	Pass