**Testing for Team Knuth**

**Login component**

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| **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**

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| **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 un-usable | 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 crested | 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**

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| **Test** | **Expected Outcome** | **Actual Outcome** | **Pass/Fail** |
| 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**

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| **Test** | **Expected Outcome** | **Actual Outcome** | **Pass/Fail** |
| 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 selected the user should be successfully logged on as a manager and be directed to the manger home age | The user was successfully logged on as expected and directed to the correct screen | Pass |
| 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**

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| **Test** | **Expected Outcome** | **Actual Outcome** | **Pass/Fail** |
| 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 send 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**

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| **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 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 |