**Appendix Three**

Table NUMBER shows test carried for each use case. It should be noted that TABLE NUMBER test where ran under conditions that were always correct, or a ‘happy path’ and would cause no errors to show. TABLE NUMBER conditions were insert incorrectly to test if corresponding errors were shown.

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| Test Case ID | Function to test | Pre-Conditions | Procedure | Expected Result | Status |
| 1 | Logging into system. | User is registered | From the Sign in page the user enters details and clicks sign in. | User will be logged into system and taken to the related dashboard. User ID and status will be stored in local storage. | Passed |
| 2 | Logging out of system. | User must be logged in to system. | User clicks the logout button located in the navbar. | User will be logged out of system and returned to *sign in screen.* All user details will be removed from local storage. | Passed |
| 3 | Reset Password. | User must be a registered user. | User navigates to *forgot password* screen and enters details and then clicks the reset password button. | Users password will be reset, and alert will show success message. User will be returned to *sign in* screen. | Passed |
| 4 | View upcoming shifts. | User is logged into system. | User navigates to *user-dashboard.* | Upcoming shifts for the current week will be presented to user after system makes API call to return all shifts for user. | Passed |
| 5 | View user profile. | User navigates to profile page. | User navigates to profile page which makes a call to the API to return user information based on the user id. | User is presented will all their information. | Passed |
| 6 | Edit user information. | User is on *profile page.* | User enters the details in which they want to change. | New information is stored in database and success alert is shown to user with new information being updated in the view. | Passed |
| 7 | Edit password. | User is on *profile page.* | User enters old and new password. | Password is changed and success message is shown to user. | Passed |
| 8 | Add holiday. | User is on *profile page.* | User selects date from date input and clicks add holiday. | Holiday is added for user and added to future holidays. | Passed |
| 9 | Remove holiday. | User has an upcoming holiday. | User clicks the ‘trash-can’ button to remove upcoming holiday. | Holiday is removed for user. | Passed |
| 10 | Insert shift for employee. | User is on the *rota* page. | User drags selected employee and places into area. Start and finish time entered, and allocated shift button clicked. | Employees shift is inserted and add to area array. | Passed |
| 11 | Edit a shift. | User is on the *rota* page and shift has already been created. | Users clicks edit button for selected shift and is presented with form for start time and finish time. User changes times and clicks save. | Time is changed and shift information is updated. | Passed |
| 12 | Create an employee. | User is on *employee* page. | User clicks create employee button and enters details for new employee and clicks create employee button. | Employee is created and added to employee list. Email is sent to new employees inserted email address with a generated password. | Passed |
| 13 | View individual employee. | User is on *employee* page. | User clicks view button beside employee name. | Individual employee information is loaded based upon employee id. | Passed |
| 14 | Edit employee information. | User is on an individual employee’s profile page. | User edits user’s information and clicks the save button. | Updated information is updated on view and stored in database. | Passed |

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| Test Case ID | Function to test | Pre-Conditions | Procedure | Expected Result | Status |
| 15 | Delete an employee. | User is on an individual employee’s profile page. | User clicks delete button. | Selected employee is removed, system shows an alert and returns the user to the employee list page were employee has been removed and total employees is updated. | Passed |
| 16 | Approve employee’s shift. | User is on timesheet page. | User selects employee and shifts for selected week will show. Any unapproved shifts will show. User clicks approve hours. | Employee’s shift will be approved, and details will be display in a green card. | Passed |
| 17 | Add unscheduled shift for employee. | User is on timesheet page. | User selects employee and clicks add unscheduled shift button. Adds the shift for employee. | Unscheduled shift will be added for the user and will show in the view. | Passed |
| 18 | Edit employees shift | User is on timesheet page. | User selects employee and clicks edit button for selected shift. User updates shift information. | Shift is edited and changes will be shown in the view. | Passed |
| 19 | Add employee training. | User is on individual employee’s profile. | User clicks add training. Inserts training for user. | Training is added to selected user and view updates to show that training has been added. | Passed |
| 20 | View pay-roll reports | User is on payroll reports page. | User selects date period and employees. | All shifts for selected employee/employees for date range will show with all information in table. | Passed |

Table 1 – Use case test

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| Test Case ID | Function to test | Pre-Conditions | Procedure | Expected Result | Status |
| 1 | Logging into system. | User is registered. | User enters incorrect log in details. | Error will show corresponding to which detail is incorrectly inputted. | Passed |
| 2 | Reset Password. | User must be a registered user. | User navigates to *forgot password* screen and enters details wrong details and clicks reset password button | Users password isn’t reset and error message will show. | Passed |
| 3 | Edit user information. | User is on *profile page.* | User enters details incorrectly or leaves out an input field | Save changes button is disabled and information is not updated | Passed |
| 4 | Add holiday user has already requested off. | Holiday date already requested off. | User selects date that they have already requested off. | Error message shows saying that they have already requested the selected day off and holiday is not added. | Passed |
| 5 | Error message showing user has requested day off. | Employee has requested day off. | Employee dragged into area on day they have requested off. | Error message will show saying they have requested the day off and shift will not be inserted. | Passed |
| 6 | Error message showing user is already allocated to work on selected day. | Employee is already allocated to work on the selected day | Employee dragged into area. | Error message will show saying the user has already been allocated to work on the selected day and shift will not be inserted. | Passed |
| 7 | Creation of employee error message. | User is creating an employee. | User enters details of new employee incorrectly or leaves input fields blank. | Create employee button is disabled and related error messages will show. | Passed |
| 8 | User training creation | User is on the training tab. | User enters input that doesn’t match created area. | Error message stating that the area is not a created area and does not insert training. | Passed |

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| Test Case ID | Function to test | Pre-Conditions | Procedure | Expected Result | Status |
| 9 | Inserting shift with no start or finish time. | Shift is inserted into area. | User tries to insert shift with no start or finish time. | Error will show corresponding to which detail is incorrectly inputted and shift will not be allocated. | Passed |
| 10 | Editing a shift with no start or finish time. | Shift has been allocated. | User tries to edit shift with no start or finish time. | Error will show corresponding to which detail is incorrectly inputted and shift will not be edited. | Passed |