**Project Name:** Nodebucket < https://github.com/walter-mccue/nodebucket>

**Test Case 1 User Log In**

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| **Test Executed by**: Walter McCue | **Test Execution date:** 4/10/23 |
| **Description:** Nodebucket Test Cases |  |

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| **Step** | **Test Steps** | **Expected** | **Actual Results** | **(Pass/Fail)** | **Notes** |
| 1 | Navigate to http://localhost:3000 | Log In Screen is displayed | Log In Screen is displayed | Pass |  |
| 2 | Enter a known valid empId: “1007” | User Enters “1007” | User Enters “1007” | Pass |  |
| 3 | Hit the “Log In” button | User is logged in | User is logged in | Pass |  |
| 4 | View the Nodebucket page | Home Page is displayed | Home Page is displayed | Pass |  |

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| Comments: This test case requires the user to run the “npm run dev” command in a terminal window to host the server. The user will navigate to “localhost:3000” and attempt to log in with a known valid empId “1007”. Once logged in, the user will have access to the home page. |

**Test Case 2 User Log Out**

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| **Step** | **Test Steps** | **Expected** | **Actual Results** | **(Pass/Fail)** | **Notes** |
| 1 | Click the profile icon in the top right | Current Log In status is displayed | Current Log In status is displayed | Pass |  |
| 2 | Click the “Log Out” button | User is logged out | User is logged out | Pass |  |
| 3 | View the Log In screen | Log In screen is displayed | Log In screen is displayed | Pass |  |

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| Comments: This test case should be attempted directly after the previous test case. While the user is viewing the Home Page, they click the profile icon in the top right corner. A menu will drop down that shows the current log in status as well as a button to log the user out. Upon successful log out, the user will be navigated back to the log-in screen, |

**Test Case 3 Log In Failure**

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| **Step** | **Test Steps** | **Expected** | **Actual Results** | **(Pass/Fail)** | **Notes** |
| 1 | Navigate to http://localhost:3000 | Log In Screen is displayed | Log In Screen is displayed | Pass |  |
| 2 | Enter a known invalid empId: “9999” | User Enters “9999” | User Enters “9999” | Pass |  |
| 3 | Hit the “Log In” button | User is not logged in | User is not logged in | Fail |  |
| 4 | View the error message | Red error message is displayed | Red error message is displayed | Fail |  |

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| Comments: This test case can be attempted directly after the previous test case OR can be done independently by running the “npm run dev” command in a terminal window to host the server. The user will enter a known invalid empId “9999”. After failing to log in, the user will view the error message and the webpage will stay on the Log In page. |

**Test Case 4 ToDo Task Creation**

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| **Step** | **Test Steps** | **Expected** | **Actual Results** | **(Pass/Fail)** | **Notes** |
| 1 | Navigate to http://localhost:3000 | Log In Screen is displayed | Log In Screen is displayed | Pass |  |
| 2 | Enter a known valid empId: “1007” | User Enters “1007” | User Enters “1007” | Pass |  |
| 3 | Hit the “Log In” button | User is logged in | User is logged in | Pass |  |
| 4 | View the Nodebucket page | Home Page is displayed | Home Page is displayed | Pass |  |
| 5 | Click in the task input field and input any task item between 3 and 35 characters | Task Item Input | Task Item Input | Pass |  |
| 6 | Hit Enter or the submit button to the right | Success message is generated and task item is added to the ToDo column | Success message is generated and task item is added to the ToDo column | Pass |  |
| 7 | View ToDo column to see new task | Task is displayed in the ToDo column | Task is displayed in the ToDo column | Pass |  |
| 8 | Resize window | Components in the page automatically resize depending on screen size | Components in the page automatically resize depending on screen size | Pass |  |

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| Comments: This test case requires the user to run the “npm run dev” command in a terminal window to host the server. The user will navigate to “localhost:3000” and attempt to log in with a known valid empId “1007”. Once logged in, the user will have access to the home page. On the home page, the user can create a new task item for the ToDo column. |

**Test Case 5 About Navigation**

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| **Step** | **Test Steps** | **Expected** | **Actual Results** | **(Pass/Fail)** | **Notes** |
| 1 | Navigate to http://localhost:3000 | Log In Screen is displayed | Log In Screen is displayed | Pass |  |
| 2 | Enter a known valid empId: “1007” | User Enters “1007” | User Enters “1007” | Pass |  |
| 3 | Hit the “Log In” button | User is logged in | User is logged in | Pass |  |
| 4 | View the Nodebucket page | Home Page is displayed | Home Page is displayed | Pass |  |
| 5 | In the Navigation bar, click the About link | About Us page is displayed | About Us page is displayed | Pass |  |
| 6 | Resize window | Components in the page automatically resize depending upon screen size | Components in the page automatically resize depending upon screen size | Pass |  |

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| Comments: This test case requires the user to run the “npm run dev” command in a terminal window to host the server. The user will navigate to “localhost:3000” and attempt to log in with a known valid empId “1007”. Once logged in, the user will have access to the home page. On the home page, the user can navigate to the About Us page. |

**Test Case 6 Contact Navigation**

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| **Step** | **Test Steps** | **Expected** | **Actual Results** | **(Pass/Fail)** | **Notes** |
| 1 | Navigate to http://localhost:3000 | Log In Screen is displayed | Log In Screen is displayed | Pass |  |
| 2 | Enter a known valid empId: “1007” | User Enters “1007” | User Enters “1007” | Pass |  |
| 3 | Hit the “Log In” button | User is logged in | User is logged in | Pass |  |
| 4 | View the Nodebucket page | Home Page is displayed | Home Page is displayed | Pass |  |
| 5 | Click the Contact link | Contact Us page is displayed | Contact Us page is displayed | Pass |  |
| 6 | Resize the window | Content in the page is resized based on screen size | Content in the page is resized based on screen size | Pass |  |

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| Comments: This test case requires the user to run the “npm run dev” command in a terminal window to host the server. The user will navigate to “localhost:3000” and attempt to log in with a known valid empId “1007”. Once logged in, the user will have access to the home page. On the home page, the user can navigate to the Contact Us page. |

**Test Case 7 Task Reordering**

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| **Step** | **Test Steps** | **Expected** | **Actual Results** | **(Pass/Fail)** | **Notes** |
| 1 | Navigate to http://localhost:3000 | Log In Screen is displayed | Log In Screen is displayed | Pass |  |
| 2 | Enter a known valid empId: “1007” | User Enters “1007” | User Enters “1007” | Pass |  |
| 3 | Hit the “Log In” button | User is logged in | User is logged in | Pass |  |
| 4 | View the Nodebucket page | Home Page is displayed | Home Page is displayed | Pass |  |
| 5 | Click in the task input field and input any task item between 3 and 35 characters | Task Item Input | Task Item Input | Pass |  |
| 6 | Hit Enter or the submit button to the right | Success message is generated and task item is added to the ToDo column | Success message is generated and task item is added to the ToDo column | Pass |  |
| 7 | View ToDo column to see new task | Task is displayed in the ToDo column | Task is displayed in the ToDo column | Pass |  |
| 8 | Drag and Drop the task item between the todo, doing, and done columns | Task is moved between the three columns | Task is moved between the three columns | Pass |  |

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| Comments: This test case requires the user to run the “npm run dev” command in a terminal window to host the server. The user will navigate to “localhost:3000” and attempt to log in with a known valid empId “1007”. Once logged in, the user will have access to the home page. On the home page, the user can create a new task item for the ToDo column. Once the task is added, the user can drag and drop the task between todo, doing, and done columns. |

**Test Case 8 Task Delete**

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| **Step** | **Test Steps** | **Expected** | **Actual Results** | **(Pass/Fail)** | **Notes** |
| 1 | Navigate to http://localhost:3000 | Log In Screen is displayed | Log In Screen is displayed | Pass |  |
| 2 | Enter a known valid empId: “1007” | User Enters “1007” | User Enters “1007” | Pass |  |
| 3 | Hit the “Log In” button | User is logged in | User is logged in | Pass |  |
| 4 | View the Nodebucket page | Home Page is displayed | Home Page is displayed | Pass |  |
| 5 | Click in the task input field and input any task item between 3 and 35 characters | Task Item Input | Task Item Input | Pass |  |
| 6 | Hit Enter or the submit button to the right | Success message is generated and task item is added to the ToDo column | Success message is generated and task item is added to the ToDo column | Pass |  |
| 7 | View ToDo column to see new task | Task is displayed in the ToDo column | Task is displayed in the ToDo column | Pass |  |
| 8 | Click “No Thanks” | Task is not deleted and user is notified that delete was canceled | Task is not deleted and user is notified that delete was canceled | Fail |  |
| 9 | Click the delete icon for that task | Confirmation dialog box appears | Confirmation dialog box appears | Pass |  |
| 10 | Click “Confirm” | Task is deleted and user is notified that the task is deleted | Task is deleted and user is notified that the task is deleted | Pass |  |

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| Comments: This test case requires the user to run the “npm run dev” command in a terminal window to host the server. The user will navigate to “localhost:3000” and attempt to log in with a known valid empId “1007”. Once logged in, the user will have access to the home page. On the home page, the user can create a new task item for the ToDo column. The user can then open a dialog box to confirm or cancel the deletion of that created task. |

**Test Case 9 Not-Found Error**

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| **Step** | **Test Steps** | **Expected** | **Actual Results** | **(Pass/Fail)** | **Notes** |
| 1 | Navigate to http://localhost:3000 | Log In Screen is displayed | Log In Screen is displayed | Pass |  |
| 2 | Enter a known valid empId: “1007” | User Enters “1007” | User Enters “1007” | Pass |  |
| 3 | Hit the “Log In” button | User is logged in | User is logged in | Pass |  |
| 4 | View the Nodebucket page | Home Page is displayed | Home Page is displayed | Pass |  |
| 5 | Edit the end of the URL to include random characters | 404 Error page is displayed | 404 Error page is displayed | Fail |  |
| 6 | Resize the window | Content in the page is resized based on screen size | Content in the page is resized based on screen size | Pass |  |
| 7 | Click the return to “Platform” link | Home Page is displayed | Home Page is displayed | Pass |  |
| 8 | Click the profile icon | You are signed in as \*\*\* menu appears | You are signed in as \*\*\* menu appears | Pass |  |
| 9 | Click “Log Out” | User is logged out and navigated to the login page | User is logged out and navigated to the login page | Pass |  |
| 10 | Close the Log out confirmation alert | Alert box closes | Alert box closes | Pass |  |
| 11 | Edit the end of the URL to include random characters | 404 Error page is displayed | 404 Error page is displayed | Fail |  |
| 12 | Click the return to “Platform” link | Login page is displayed | Login page is displayed | Pass |  |

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| Comments: This test case requires the user to run the “npm run dev” command in a terminal window to host the server. The user will navigate to “localhost:3000” and attempt to log in with a known valid empId “1007”. Once logged in, the user will have access to the home page. On the home page, the user can alter the URL to view the 404 error page. The return to “platform” link will take the logged in user back to the home page. After logging out, the user can alter the URL to view the 404 error page again. Clicking the link this time will return the user back to the login screen. |