**BUG REPORT - Data Structure and Algorithm**

**Date : 4/10/2024**

**Tested Name : Shubham Giri**

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| **Platform** | **Browser** |
| Windows 10 | Chrome |

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| **Who Detected** | **How Detected** | **Status** |
| Quality Assurance | Testing | Open |

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| **Founder** | **Bug Id** | **Features** | **Bug Description** | **Expected Result** | **Actual Result** | **Attachment** | **Priority** |
| Shubham | BUG-001 | Home page | Verify that text-to-speech screen readers can read all element properly. | User text-to-speech screen readers should read all element properly. | User text-to-speech screen readers is not read all element properly. |  | **Medium** |
| Shubham | BUG-002 | Bubble sort button | Verify that test for color contrast between text and background. | User should test for color contrast between text and background. | User is not test for color contrast between text and background. |  | **High** |
| Shubham | BUG-003 | linked list button | Verify that ensure the linked list accepts strings if applicable. | User should check ensure the linked list accepts strings if applicable. | User is check ensure the linked list Not accepts strings if applicable. |  | Medium |
| Shubham | BUG-004 | linked list button | Verify that ensure the button is disabled for invalid input values | User should check ensure the button is disabled for invalid input values | User is check ensure the button is not disabled but not this value for invalid input values |  | Medium |

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| Shubham | BUG-005 | Stack button | Verify that the stack can handle mixed types | User should the stack can handle mixed types | User is the stack can not handle mixed types |  | Medium |
| Shubham | BUG-006 | Stack button | Verify that ensure an empty string can be pushed onto the stack | User should ensure an empty string can be pushed onto the stack | User is ensure an empty string can not be pushed onto the stack |  | High |
| Shubham | BUG-007 | Stack button | Verify that ensure special characters (e.g., @, #, etc.) are handled correctly. | User should check ensure special characters (e.g., @, #, etc.) are handled correctly. | User is check ensure special characters (e.g., @, #, etc.) are not handled correctly. |  | Medium |
| Shubham | BUG-008 | Stack button | Verify that clear/Reset button not available in Stack | User is check clear/Reset button not available in Stack | User is check clear/Reset button not available in Stack |  | High |
| Shubham | BUG-009 | Queue button | Verify that the queue can handle mixed types (e.g., integers, strings). | User should check the queue can handle mixed types (e.g., integers, strings). | User is check the queue can handle integer are allowed but strings are not allowed. |  | Medium |
| Shubham | BUG-010 | Queue button | Verify that Ensure special characters (e.g., @, #, etc.) are handled correctly. | User should check Ensure special characters (e.g., @, #, etc.) are handled correctly. | User is check Ensure special characters (e.g., @, #, etc.) are not handled correctly. |  | Medium |
| Shubham | BUG-011 | Queue button | Verify that clear /reset button not available in queue | User should check clear /reset button available in queue | User is check clear /reset button not available in queue |  | High |
| Shubham | BUG-012 | Binary Search button | Verify that the Binary Search can handle mixed types (e.g., integers, strings). | User should check the Binary Search can handle mixed types (e.g., integers, strings). | User is check the Binary Search can handle integer are allowed but strings are not allowed. |  | Medium |

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| Shubham | BUG-013 | Sliding Window button | Verify that the Sliding Window can handle mixed types (e.g., integers, strings). | User should check the Sliding Window can handle mixed types (e.g., integers, strings). | User is check the Sliding Window can handle integer are allowed but strings are not allowed but display NUN |  | Medium |
| Shubham | BUG-014 | Merge Sort button | Verify that the Merge Sort can handle mixed types (e.g., integers, strings). | User should check the Merge Sort can handle mixed types (e.g., integers, strings). | User is check the Merge Sort can handle integer are allowed but strings are not allowed |  | Medium |
| Shubham | BUG-015 | Quick Sort button | Verify that the Quick Sort can handle mixed types (e.g., integers, strings). | User should check the Quick Sort can handle mixed types (e.g., integers, strings). | User is check the Quick Sort can handle integer are allowed but strings are not allowed |  | Medium |
| Shubham | BUG-016 | Quick Sort button | Verify that ensure an error or warning is shown when trying to empty field from an Quick Sort | User should check ensure an error or warning is shown when trying to empty field from an Quick Sort | User is check ensure an error or warning is not shown when trying to empty field from an Quick Sort |  | Medium |
| Shubham | BUG-017 | Quick Sort button | Verify that clear/Reset button not available in Quick Sort | User should check clear/Reset button available in Quick Sort | User is check clear/Reset button not available in Quick Sort |  | high |
| Shubham | BUG-018 | Bubble Sort button | Verify that the Bubble Sort can handle mixed types (e.g., integers, strings). | User should check the Bubble Sort can handle mixed types (e.g., integers, strings). | User is check the Bubble Sort can handle integer are allowed but strings are not allowed |  | Medium |
| Shubham | BUG-019 | Bubble Sort button | Verify That clear/Reset button not available in Bubble Sort | User should check clear/Reset button available in Bubble Sort | User is check clear/Reset button not available in Bubble Sort |  | Medium |
| Shubham | BUG-020 | Selection Sort button | Verify that the Selection Sort can handle mixed types (e.g., integers, strings). | User should check the Selection Sort can handle mixed types (e.g., integers, strings). | User is check the Selection Sort can handle integer are allowed but strings are not allowed |  | Medium |
| Shubham | BUG-021 | Selection Sort button | Verify That clear/Reset button not available in Selection Sort | User should check clear/Reset button available in Selection Sort | User is check clear/Reset button not available in Selection Sort |  | High |

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| Shubham | BUG-022 | Linked List | Verify that ensure that large integer values are handled correctly. | User should check ensure that large integer values are handled correctly. | User is check ensure that large integer values are not handled correctly. |  | High |
| Shubham | BUG-023 | Linked List | verify that ensure the button is disabled while processing large linked list operations. | User should check ensure the button is disabled while processing large linked list operations. | User should check ensure the button is not disabled while processing large linked list operations. |  | Medium |