|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Input Element | Type | Value Specification | Valid | Invalid | Exceptional Cases |
| Name | string | Alphabetical letters only | Satisfies value specification | Numerical values or special characters used | Empty string |
| Date | string | Format of YYYY-MM-DD  With numerical values and dashes only | Satisfies value specification | Alphabetical character used or special characters other than - | Empty string |
| Time | string | Format of HH:MM with numerical values separated by a colon | Satisfies value specification | Alphabetical character used or special characters other than - | Empty string |
| Guests | Int | Numeric value greater than 1 | Satisfies value specification | Number less than 1 or non-numeric value used | Empty input |

Test Case 6.1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case | Name | Date | Time | Retyped Password | Expected Outcome |
| 1 | Valid | Valid | Valid | Valid | Show Success Message |
| 2 | Valid | Valid | Valid | Invalid | Show Error Message |
| 3 | Valid | Valid | Invalid | Valid | Show Error Message |
| 4 | Valid | Invalid | Valid | Valid | Show Error Message |
| 5 | Invalid | Valid | Valid | Valid | Show Error Message |
| 6 | Valid | Valid | Valid | Exception | Show Error Message |
| 7 | Valid | Valid | Exception | Valid | Show Error Message |
| 8 | Valid | Exception | Valid | Valid | Show Error Message |
| 9 | Exception | Valid | Valid | Valid | Show Error Message |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case | Name | Date | Time | Guests | Expected Result |
| 1 | Sonic | 2024-11-11 | 8:00 | 3 | Show Success Message |
| 2 | Sonic | 2024-11-11 | 8:00 | 0 | Show Error Message |
| 3 | Sonic | 2024-11-11 | Efkeo’” | 3 | Show Error Message |
| 4 | Sonic | !2141.> | 8:00 | 3 | Show Error Message |
| 5 | !23Po | 2024-11-11 | 8:00 | 3 | Show Error Message |
| 6 | Sonic | 2024-11-11 | 8:00 |  | Show Error Message |
| 7 | Sonic | 2024-11-11 |  | 3 | Show Error Message |
| 8 | Sonic |  | 8:00 | 3 | Show Error Message |
| 9 |  | 2024-11-11 | 8:00 | 3 | Show Error Message |

Test Case 7

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Input Element | Type | Value Specification | Valid | Invalid | Exception |
| sortBy | String | Must be either “date”, “time” or “guests” | One of three accepted values is entered | String that is not one of the three is entered | Empty string |

|  |  |  |
| --- | --- | --- |
| Test Case | sortBy | Expected Outcome |
| 1 | Valid | Sorted Restaurant List Displayed |
| 2 | Invalid | Show Error Message |
| 3 | Excpetion | Show Error Message |

|  |  |  |
| --- | --- | --- |
| Test Case | sortBy |  |
| 1 | guests | Sorted Restaurant List Displayes |
| 2 | people | Show Error Message |
| 3 |  | Show Error Message |