**Input Domain Modelling**

**b3**

**b2**

**b1**

b1 = valid alphanumeric strings according to grammatical rules.

b2 = invalid alphanumeric strings or numeric or special characters etc.

b3 = null or empty string

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristic** | **Block 1 (b1)** | **Block 2 (b2)** | **Block 3 (b3)** |
| q1 = "relation of alphanumeric String for search with “Both” filter type selected" | valid string | invalid string | string is null |
| q2 = "relation of searching an alphanumeric String using search by “quote” filter with null" | valid quote string | invalid quote string (quote doesn't exist) | Nothing returned (null/empty) |
| q3 = "relation of searching an alphanumeric String using search by “author” filter with null" | valid quote string | invalid quote string (quote doesn't exist) | Nothing returned (null/empty) |
| q4 = "relation of generating an alphanumeric String using Get Another Random Quote with null" | valid quote string | invalid quote string (same quote is returned repeatedly) | Nothing returned (null/empty) |

Short version of above table

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristic** | **b1** | **b2** | **b3** |
| A | A1 | A2 | A3 |
| B | B1 | B2 | B3 |
| C | C1 | C2 | C3 |
| D | D1 | D2 | D3 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Basic Choice Coverage** | | | | | |
| Base | A1,B1,C1,D1 | A1,B1,C1,D2 | A1,B1,C2,D1 | A1,B2,C1,D1 | A2,B1,C1,D1 |
|  | | A1,B1,C1,D3 | A1,B1,C3,D1 | A1,B3,C1,D1 | A3,B1,C1,D1 |