Table 1

|  |  |  |  |
| --- | --- | --- | --- |
| Partition ID | Input variable | Valid partition | Invalid partition |
| 1 | Amount/deposit | [0, max float] |  |
| 2 |  |  | <0 |
| 3 | Amount/withdraw | [0, max float] |  |
| 4 |  |  | <0 |
| 5 |  |  | >max float |
| 6 | Menu/BS | [0,2] |  |
| 7 |  |  | <0 |
| 8 |  |  | >2 |
| 9 | Menu/BE | [0,7] |  |
| 10 |  |  | <0 |
| 11 |  |  | >7 |
| 12 | fName | String |  |
| 13 |  |  | Int |
| 14 |  |  | Boolean |
| 15 | lName | String |  |
| 16 |  |  | Int |
| 17 |  |  | Boolean |
| 18 | username | String |  |
| 19 |  |  | Int |
| 20 |  |  | Boolean |
| 21 | Password | String |  |
| 22 |  |  | Int |
| 23 |  |  | Boolean |
| 24 | Address | String |  |
| 25 |  |  | Int |
| 26 |  |  | Boolean |
| 27 | Menu/AT | [1,2] |  |
| 28 |  |  | <1 |
| 29 |  |  | >2 |
| 30 | Balance | [0, max float] |  |
| 31 |  |  | String |
| 32 |  |  | <0 |
| 33 | Service Fee | [0, max float] |  |
| 34 |  |  | <0 |
| 35 |  |  | string |
| 36 | Menu/login | [0,2] |  |
| 37 |  |  | <0 |
| 38 |  |  | >2 |
| 39 | Menu/task | [0,5] |  |
| 40 |  |  | <0 |
| 41 |  |  | >5 |
| 42 | accountType | [1,2] |  |
| 43 |  |  | alphabets |
| 44 |  |  | alphanumeric |

Table 2

|  |  |  |  |
| --- | --- | --- | --- |
| Test ID | Test inputs | Expected output | Partition ID covered |
| 1 | 500 | 500 | 1 |
| 2 | -10 | Error | 2,4,7,10,32,34,37,40 |
| 3 | 200 | 300 | 3 |
| 4 | -90 | Error | 2,4,7,10,32,34,37,40 |
| 5 | >max float | Error | 5 |
| 6 | 1 | Options for bank employee | 6 |
| 7 | -1 | Error | 2,4,7,10,32,34,37,40 |
| 8 | 3 | Error | 8,29,38 |
| 9 | 4 | Read one account of one customer | 9 |
| 10 | -3 | Error | 2,4,7,10,32,34,37,40 |
| 11 | 9 | Error | 8,11,29,23,41 |
| 12 | “john” | First name | 12 |
| 13 | 23 | Error | 13,16,19,22,25 |
| 14 | True | Error | 14,17,20,23,26 |
| 15 | “smith” | Last Name | 15 |
| 16 | 11 | Error | 13,16,19,22,25 |
| 17 | False | Error | 14,17,20,23,26 |
| 18 | “abc” | Username | 18 |
| 19 | 12 | Error | 13,16,19,22,25 |
| 20 | True | Error | 14,17,20,23,26 |
| 21 | “daj123” | Password | 21 |
| 22 | 12 | Error | 13,16,19,22,25 |
| 23 | False | Error | 14,17,20,23,26 |
| 24 | “22 ithaca” | Address | 24 |
| 25 | 22 | Error | 13,16,19,22,25 |
| 26 | True | Error | 14,17,20,23,26 |
| 27 | 1 | Checking | 27 |
| 28 | -4 | Error | 28 |
| 29 | 4 | Error | 8,29,38 |
| 30 | 300 | 300 | 30 |
| 31 | dfg | Error | 31,35 |
| 32 | -245 | Error | 2,4,7,10,32,34,37,40 |
| 33 | 25 | 325 | 33 |
| 34 | -8 | Error | 2,4,7,10,32,34,37,40 |
| 35 | Fhf | Error | 31,35 |
| 36 | 1 | Customer id | 36 |
| 37 | -4 | Error | 2,4,7,10,32,34,37,40 |
| 38 | 3 | Error | 8,29,38 |
| 39 | 2 | Check Balance | 39 |
| 40 | -6 | Error | 2,4,7,10,32,34,37,40 |
| 41 | 7 | Error | 41 |
| 42 | 1 | Select Account Type | 42 |
| 43 | Aa | Error | 43 |
| 44 | A1 | Error | 44 |