**Login:**

Applying Decision Table:

* Email: Valid / Invalid / Empty
* Password: Valid / Invalid / Empty
* No. of Conditions = 2
* No. of Test cases = 32 = 9

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Conditions / Test cases | TC1 | TC2 | TC3 | TC4 | TC5 | TC6 | TC7 | TC8 | TC9 |
| Email | V | V | V | Inv | Inv | Inv | E | E | E |
| Password | V | Inv | E | V | Inv | E | V | Inv | E |
| Actions |  |  |  |  |  |  |  |  |  |
| The user Should log in | T | F | F | F | F | F | F | F | F |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Conditions / Test cases | TC1 | TC2 | TC3 | TC4 | TC5 |
| Email | V | V | V | Inv | E |
| Password | V | Inv | E | - | - |
| Actions |  |  |  |  |  |
| The user Should log in | T | F | F | F | F |

**To do:**

* Welcome message:

The time between 00:00 and 05:00 shows “Time to Sleep”

The time between 05:01 and 12:00 shows “Good Morning”

The time between 12:01 and 17:00 shows “Good Afternoon”

The time between 17:01 and 11:59 shows “Good Evening”

Applying BVA:

Test at: 11:59 - 00:00 - 05:00 - 05:01 - 12:00 - 12:01 - 17:00 - 17:01

Applying EP (For Simplicity):

* Any time between 00:00 – 05:00
* Any time between 05:01 – 12:00
* Any time between 12:01 – 17:00
* Any time between 17:01 – 11:59

If the user’s first name is less than three characters show “USER” instead of the first name.

Applying BVA:

* Test with two characters.
* Test with three characters.
* Todo Items:

The Todo item should be at least four characters long.

Applying BVA:

* Test with three characters.
* Test with four characters.