**Example 1: How to make Decision Base Table for Login Screen**

The condition is simple if the user provides correct username and password the user will be redirected to the homepage. If any of the input is wrong, an error message will be displayed.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Conditions** | **Rule 1** | **Rule 2** | **Rule 3** | **Rule 4** |
| Username (T/F) | F | T | F | T |
| Password (T/F) | F | F | T | T |
| Output (E/H) | E | E | E | H |
| Username and password both were wrong. The user is shown an error message. | X |  |  |  |
| Username was correct, but the password was wrong. The user is shown an error message. |  | X |  |  |
| Username was wrong, but the password was correct. The user is shown an error message. |  |  | X |  |
| Username and password both were correct, and the user navigated to homepage |  |  |  | X |

Legend:

* T – Correct username/password
* F – Wrong username/password
* E – Error message is displayed
* H – Home screen is displayed