MANUAL TESTING

Software Testing Concepts - Lesson #13

Decision Table / cause-effect table

This technique is appropriate for preparing test data to test functionalities which has logical relationship.

Example 1: login page validation. Allows user to login only when user name and password are correctly entered.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Test Case-1 | Test Case-2 | Test Case-3 | Test Case-4 |
| User name - Condition1 | T | T | F | F |
| password - Condition2 | T | F | T | F |
| Home page - Action 1 | Execute |  |  |  |
| Show Msg “Invalid user credential” - Action 2 |  | Execute | Execute | Execute |

Example 2 : Transferring money online to an account which is already added and approved.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Test Case-1 | Test Case-2 | Test Case-3 | Test Case-4 | Test case - 5 |
| Account Approved | T | T | T | T | F |
| OPT Matched | T | T | F | F | X |
| Sufficient Money in account | T | F | T | F | X |
| Transfer money | Execute |  |  |  |  |
| Show msg “Insufficient balance” |  | Execute |  |  |  |
| Block the transaction |  |  | Execute | Execute | X |