Classroom Exercise for Test Cases

Let’s take an example of a Human Resource Management Systems (HRMS) application. Below is the requirement of the application.

### Story 1

As an admin, I should be able to create an organization.

1. User should be able to register an Organization/ Company.
2. The organization should contain the following fields and validation

|  |  |
| --- | --- |
| Field Name | Validation |
| Organization Name | Mandatory, Text Field |
| Address Line 1 | Mandatory, Text Field |
| Address Line 2 | Mandatory, Text Field |
| Address Line 3 | Non Mandatory, Text Field |
| Address Line 4 | Non Mandatory, Text Field |
| Country | Mandatory, Dropdown |
| State | Mandatory, Dropdown  The state dropdown values will depend on the Country value chosen |
| City | Mandatory, Dropdown  The city dropdown value(s) will depend on the State value chosen |
| Phone Number | Mandatory, Text Field  Only numeric value allowed |
| Email address | Mandatory, Text Field  Basic email validation is required |
| Comments | Non Mandatory  Text Area |
| Reset | Button  Clicking on the button will reset the form |
| Submit | Button  Clicking this button, the form will submit and a unique organization ID will be generated |

1. User should not be able to add duplicate organization(s)

### Acceptance Criteria

A unique organization should be created.

## Story 2

### Create Branch

As an admin, I should be able to create branch(es) within an organization

1. User should be able to register a branch(es) within an organization.
2. The organization should contain the following fields and validation.

|  |  |
| --- | --- |
| Field Name | Validation |
| Organization | Dropdown  Only active organizations should be displayed. |
| Branch Name | Mandatory, Text Field |
| Address Line 1 | Mandatory, Text Field |
| Address Line 2 | Mandatory, Text Field |
| Address Line 3 | Non Mandatory, Text Field |
| Address Line 4 | Non Mandatory, Text Field |
| Country | Mandatory, Dropdown |
| Phone Number | Mandatory, Text Field |
| Email address | Mandatory, Text Field  Basic email validation is required |
| Comments | Non Mandatory  Text Area |
| Reset | Button |
| Submit | Button  A unique branch ID should be generated |

1. User should be able to create multiple branches within the same city, but each branch should have a different email address.

### Acceptance Criteria

1. Branch(es) should be created within an organization

## Story 3

### Search Organization/ Branch

As an, I should be able to search for an organization or branch.

|  |  |
| --- | --- |
| Field | Validation |
| Organization | Text Field, User should be able to enter the organization name |
| Branch | Text Field, User should be able to enter the branch name |
| Inactive | Checkbox; Checking it would display the inactivated/ soft deleted branch(es) or organization(s) |
| Search | Button, on clicking the organization AND/OR branch would be displayed  If both organization and Branch name as mentioned; then it will be an AND operator |

### Search Result

Following fields should be displayed in search result

1. Organization Name
2. State
3. City
4. Phone Number
5. Email Address
6. Link – Mark Inactive OR Mark Active
   1. If the search result item is active, then Mark Inactive link should be displayed
   2. If the search result item is inactive, the Mark Active link should be displayed

### Acceptance Criteria

1. Search result should display accurate search result.
2. If an organization is INACTIVE AND inactive checkbox isn’t checked; then no branch of that organization should be displayed

## Story 4

### Mark Inactive OR Active

As an admin, I should be able to mark an organization OR branch as Inactive or Active.

In the search result, clicking on Mark Inactive or Mark Active link, a confirmation message should be displayed. Only on confirming, the entity should be marked as Inactive or Active.

* If the entity is Active, confirmation message should be – “Do you want to mark it as Inactive?”
* If the entity is Inactive, confirmation message should be – “Do you want to mark it as Active?”

### Acceptance Criteria

The organization OR branch should be marked Inactive OR Active.