**Employee Manager v2.0**

**Link to v2.0 (Project Summary):**

[**https://devmountain-qa.github.io/employee-manager-v2/**](https://devmountain-qa.github.io/employee-manager-v2/)

**Link to v2.0 (Current Release):**

[**https://devmountain-qa.github.io/employee-manager-v2/build/index.html**](https://devmountain-qa.github.io/employee-manager-v2/build/index.html)

**Link to Employee Manager Application v2.0 Test Plan and Test Cases:**

[**https://trello.com/b/L84TK5EL/employee-manager-application-v20**](https://trello.com/b/L84TK5EL/employee-manager-application-v20)

**Test Techniques:**

**Manual Testing**

**Test ID:**

<https://trello.com/c/RaVBw41A/1-test-id>

**Note:** See Test ID Bug Report:

<https://trello.com/c/z4TKy512/11-test-id-bug-report>

**Test Phone Number Field:**

<https://trello.com/c/AcjPnHQP/3-test-phone-number-field>

**Equivalence Partitioning & Boundary Value Analysis Testing**

**Equivalence partitioning for Name field:**

1 30

|  |  |  |
| --- | --- | --- |
| Invalid | Valid | Invalid |
| Partition 1 | Partition 2 | Partition 3 |

**Note**: See Test Results and Bug Report for the Name Field:

* <https://trello.com/c/FEpgJgCt/2-test-name-field>
* <https://trello.com/c/su7nyhsl/12-test-name-field-bug-report>

**Boundary Value Analysis for Phone Number field:**

0 10

|  |  |  |
| --- | --- | --- |
| Invalid | Invalid | Invalid |
|  |  |  |

Valid

**Note** : See Test Results for the

<https://trello.com/c/AcjPnHQP/3-test-phone-number-field>

**Decision Table Testing**

**Decision Table Testing for Save button:**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | T1 | T2 | T3 | T4 | T5 | T6 | T7 | T7 |
| **Condition 1** | Is the Name field populated with characters between 1 and 30 characters longs? | No | Yes | Yes | No | No | No | Yes | Yes |
| **Condition 2** | Is the Phone Number field populated with 10 digits formatted in the form of a US phone number? | No | No | Yes | No | Yes | Yes | No | Yes |
| **Condition 3** | Is the Title field populated with characters between 1 and 30 characters longs? | No | No | No | Yes | Yes | No | Yes | Yes |
| **Action** | Save Employee Record? | No | No | No | No | No | No | No | Yes |

**Functional Testing**

**Functional Testing Outline for the Employee Manager Application v2.0 (per the Project Summary)**

* Locate the targeted Employee Manager application version.
* Ensure that the functionality of the ID field works as documented.
* Ensure that the functionality of the Name field works as documented.
* Ensure that the functionality of the Phone number field works as documented.
* Ensure that the functionality of the Title field works as documented.
* Ensure that the Email field is works as documented.
* Ensure that the Save functionality works as documented.
* Ensure that the Cancel functionality works as documented.
* Ensure that the Delete functionality works as documented.
* Ensure that the Add Employment works as intended.
* Ensure that the Search functionality works as documented.

**Checklist-based testing**

**Checklist-based testing for the Employee Manager Application v2.0:**

* Verify the functionality of the email field when the field is

un-populated.

* Verify the behavior of the Add Employee link.
* Test the search functionality when numbers are entered as a search criteria.