# ClubUMLSpring2014 Sprint4

# Validation Team Test Plan

In Sprint 4, we have made some validation corresponding to the database constraints in place. The validations are client-side and implemented using JavaScript. The following files have been modified:

* manageContext.jsp
* managePolicy.jsp
* manageProject.jsp
* home.jsp

The following file has been added to the system into the ‘js’ folder:

* dbValidation.js

**Testing procedure:**

**Preconditions 1:**

* The user is logged in.
* The user navigates to ‘Project’ tab.
* The user clicks on ‘Add Project’ button.

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| **Test cases** | | | | |
| TC ID | Condition being tested | Step description | Expected result | Pass/Fail |
| V1 | Blank project name and description. | 1. Click on ‘Add Project’ button in the pop-up. | A pop up saying ‘Please enter valid project name!’ | Pass |
| V2 | Blank description | 1. Enter ‘Proj1’ in Project Name field. 2. Click on ‘Add Project’ button. | A pop up saying ‘Please enter a valid project description!’ | Pass |
| V3 | Blank Project name | 1. Enter ‘Proj1 description’ in Desciption. 2. Click on ‘Add Project’. | A pop up saying ‘Please enter valid project name!’ | Pass |
| V4 | Valid project name and description | 1. Enter ‘Projz’ in Project name field and ‘Description 1’ in description field. 2. Click on ‘Add Project’ button | No pop up should appear | Pass |

**Preconditions 2:**

* The user is logged in.
* The user navigates to ‘Project’ tab.
* The user selects a radio button for any existing project.
* The user clicks on ‘Update Project’ button.

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| **Test cases** | | | | |
| TC ID | Condition being tested | Step description | Expected result | Pass/Fail |
| V5 | Blank project name and description | 1. Delete the original content in the Project Name field. 2. Click on ‘Update’ button. | A pop up saying ‘Please enter valid project name!’ | Pass |
| V6 | Blank project description | 1. Enter ‘New Project’ in Project Name field. 2. Click on ‘Update’ button leaving the description field blank. | A pop up saying ‘Please enter a valid project description!’ | Pass |
| V7 | Blank project name | 1. Leave Project Name field blank. 2. Enter ‘Desc’ in description. 3. Click on ‘Update’ button. | A pop up saying ‘Please enter valid project name!’ | Pass |
| V8 | Valid project name and description | 1. Enter ‘New Project Z’ in Project Name field and ‘New desc’ in Description field. 2. Click on ‘Update’ button. | No pop up should appear. | Pass |

**Preconditions 3:**

* The user should be logged in.
* The user should navigate to ‘Context’ tab.
* The user should click on ‘Add Context’.

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| **Test cases** | | | | |
| TC ID | Condition being tested | Step description | Expected result | Pass/Fail |
| V9 | Blank Context Name and Description. | 1. Click on ‘Create’ button in the pop-up. | A pop up saying ‘Please enter valid context name!’ | Pass |
| V10 | Blank description | 1. Enter ‘Context 1’ in Project Name field. 2. Click on ‘Create’ button. | A pop up saying ‘Please enter a valid context description!’ | Pass |
| V11 | Blank context name | 1. Enter ‘Desc’ in description field. 2. Leave the Context Name field blank and click on ‘Create’. | A pop up saying ‘Please enter valid context name!’ | Pass |
| V12 | Valid context name and description | 1. Enter ‘Context1’ in Context Name and ‘Desc’ in description field. 2. Click on ‘Create’ | No pop up should appear | Pass |

**Preconditions 4:**

* The user should be logged in.
* The user should navigate to ‘Context’ tab.
* The user should click on ‘Update Context’.

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| **Test cases** | | | | |
| TC ID | Condition being tested | Step description | Expected result | Pass/Fail |
| V9 | Blank Context Name and Description. | 1. Click on ‘Update’ button in the pop-up. | A pop up saying ‘Please enter valid context name!’ | Pass |
| V10 | Blank description | 1. Enter ‘Context 1’ in Project Name field. 2. Click on ‘Update’ button. | A pop up saying ‘Please enter a valid context description!’ | Pass |
| V11 | Blank context name | 1. Enter ‘Desc’ in description field. 2. Leave the Context Name field blank and click on ‘Update’. | A pop up saying ‘Please enter valid context name!’ | Pass |

**Preconditions 5:**

* The user should be logged in.
* The user should navigate to ‘Policy’ tab.
* The user should click on ‘Add Policy’.

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| **Test cases** | | | | |
| TC ID | Condition being tested | Step description | Expected result | Pass/Fail |
| V12 | Blank Policy Name and Description. | 1. Click on ‘Create’ button in the pop-up. | A pop up saying ‘Please enter valid policy name!’ | Pass |
| V13 | Blank description | 1. Enter ‘Policy Z’ in Project Name field. 2. Click on ‘Create’ button. | A pop up saying ‘Please enter a valid policy description!’ | Pass |
| V14 | Blank context name | 1. Enter ‘Desc’ in description field. 2. Leave the Policy Name field blank and click on ‘Create’. | A pop up saying ‘Please enter valid policy name!’ | Pass |
| V15 | Valid context name and description | 1. Enter ‘Policy Z’ in Project Name and ‘Desc’ in description field. 2. Click on ‘ADD METRIC’ button | No pop up should appear | Pass |

**Preconditions 6:**

* The user should be logged in.
* The user should navigate to ‘Policy’ tab.
* The user should click on ‘Update Policy’.

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| **Test cases** | | | | |
| TC ID | Condition being tested | Step description | Expected result | Pass/Fail |
| V16 | Blank Policy Name and Description. | 1. Click on ‘Update’ button in the pop-up. | A pop up saying ‘Please enter valid policy name!’ | Pass |
| V17 | Blank description | 1. Enter ‘Policy Z’ in Project Name field. 2. Click on ‘Update’ button. | A pop up saying ‘Please enter a valid policy description!’ | Pass |
| V18 | Blank context name | 1. Enter ‘Desc’ in description field. 2. Leave the Policy Name field blank and click on ‘Update’. | A pop up saying ‘Please enter valid policy name!’ | Pass |
| V19 | Valid context name and description | 1. Enter ‘Policy Z’ in Project Name and ‘Desc’ in description field. 2. Click on ‘ADD METRIC’ button | No pop up should appear | Pass |