

# TCM .3

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# Summary

## Problem

Currently, the TCM project can only allow users to run tests on a given test cycle and add testcases to that given test cycle. There is no capability to see the results visually. So, we'll use the “.3” release to develop a method for users to view test results on the TCM. The panel will incorporate basic methods of viewing results ran across the hierarchy of “Testcycles”, “Testruns”, “Testsuites” and “Testcases”.

## Release Goals

1. Implement the basic functionality of the “Results” panel

# New Features

#	Feature	Priority
0.3.1	Tabbed Layout Results Pane	P1
0.3.2	Results Pane for Test Cases	P1
0.3.3	Results Pane for Test Runs	P1
0.3.4	Results Pane for Test Cycles	P1

## 0.3.1 - Tabbed Layout Results Pane

Mock: <https://bug625188.bugzilla.mozilla.org/attachment.cgi?id=503298>

### Initial User Action

A user clicks on the “Results” button on the top left of the page.

### Results

1. A panel with a tabbed layout to span between those structures (i.e. Testcases, Test Suites, Test Runs and Test Cycles) will load dynamically. When a user selects the Results panel, the “Test Cycle” tab should be selected and its corresponding contents should load on the right window.

## 0.3.2 - Results Pane for Test Cases

Mock: <https://bug625211.bugzilla.mozilla.org/attachment.cgi?id=503322>

### Initial User Action

A user clicks on the “Test Cases” tab on the left side of the screen.

### Results

1. A panel will load dynamically onto the right window with the following contents:
  - a. A listing of results entries with values shown for testcase ID, start date, name, tester, status, result and bugs. A default of 20 results should be shown.
  - b. A combobox to set the number of results per page with 10, 20, 50 and 100 as the options. If selected, the window should update the listings area rather than require a new page load.
  - c. Pagination that allows users to go to a numbered page, the end of the set of results or back to the beginning (if necessary). The window should update the listings area rather than require a new page load when a pagination link is selected.

## 0.3.3 - Results Pane for Test Runs

Mock: <https://bug625213.bugzilla.mozilla.org/attachment.cgi?id=510445>

### Initial User Action

A user clicks on the “Test Runs” tab on the left side of the screen.

### Results

1. A panel will load onto the right window with the following contents:
  - a. A listing of results entries with values shown for name, failed, invalid and bugs. A default of 20 results should be shown.

- b. A combobox to set the number of results per page with 10, 20, 50 and 100 as the options. If selected, the window should update the listings area rather than require a new page load.
- c. Pagination that allows users to go to a numbered page, the end of the set of results or back to the beginning (if necessary). The window should update the listings area rather than require a new page load when a pagination link is selected.

### **0.3.4 - Results Pane for Test Cycles**

Mock: <https://bug625212.bugzilla.mozilla.org/attachment.cgi?id=510447>

#### **Initial User Action**

A user clicks on the “Test Cycles” tab on the left side of the screen. Another option is that a user clicks on the top-level “Results” button.

#### **Results**

1. A panel will load onto the right window with the following contents:
  - a. A listing of results entries with values shown for name, failed, invalid and bugs. A default of 20 results should be shown.
  - b. A combobox to set the number of results per page with 10, 20, 50 and 100 as the options. If selected, the window should update the listings area rather than require a new page load.
  - c. Pagination that allows users to go to a numbered page, the end of the set of results or back to the beginning (if necessary). The window should update the listings area rather than require a new page load when a pagination link is selected.

# Expected API Calls Used

## **0.3.2 - Results Pane for Test Cases**

### 1. TestRunResult

- a. testRunResultId INT
- b. testResultStatusId INT
- c. runDate DATETIME
- d. actualResult TEXT

### 2. TestRunTestCaseAssignment

- a. testRunTestCaseId

### 3. TestCaseVersion

- a. title VARCHAR(255)
- b. createdBy INT

### 4. TestRunTestCaseAssignment

- a. testerId INT

### 5. User

- a. userId INT
- b. firstName VARCHAR(50)
- c. lastName VARCHAR(50)

### **0.3.3 - Results Pane for Test Runs**

#### 1. TestRunResult

- a. testRunResultId INT
- b. testResultStatusId INT
- c. runDate DATETIME
- d. actualResult TEXT

#### 2. TestRunTestCaseAssignment

- a. testerId INT

#### 3. User

- a. userId INT
- b. firstName VARCHAR(50)
- c. lastName VARCHAR(50)

### 0.3.4 - Results Pane for Test Cycles

#### 1. TestRunResult

- a. testRunResultId INT
- b. testResultStatusId INT
- c. runDate DATETIME
- d. actualResult TEXT

#### 2. TestRunTestCaseAssignment

- a. testerId INT

#### 3. User

- a. userId INT
- b. firstName VARCHAR(50)
- c. lastName VARCHAR(50)

Missing Pieces from the API: Summary of passed/failed statistics as shown in the UI.