Project CM

Version 1.4

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Description | Author |
| 17/Oct/2013 | 1.0 | Initial UC description | Storm Cloud Development |
| 22/Oct/2013 | 1.1 | Updated diagrams  Inserted selenium code  Added Mockups | Storm Cloud Development |
| 09/Apr/2014 | 1.2 | Function Points added | Storm Cloud Development |
| 15/Apr/2014 | 1.3 | Updated function points | Storm Cloud Development |
| 19/Jun/2014 | 1.4 | Updated selenium code | Storm Cloud Development |
|  |  |  |  |

Table of Contents

1. Use-Case manage calendars 4

1.1 Brief Description 4

1.2 Stored data 4

1.2.1 Overview 4

1.2.2 Description 4

2. Flow of Events 5

2.1 Screen Flow 5

2.2 Use Case Flows 5

2.2.1 Show all calendars (List View) 5

2.2.2 Show single calendar (View Single) 6

2.2.3 Create new calendar (Create) 7

2.2.4 Edit calendar (Edit) 8

2.2.5 Delete calendar (Delete) 9

3. Special Requirements 10

4. Preconditions 10

4.1 Rights 10

4.2 Calendar 10

5. Postconditions 10

5.1 Calendar 10

6. Extension Points 10

7. Selenium test scenario 10

8. Mockups 11

8.1 Show all calendars 11

8.2 Show single calendar 11

8.3 Create new calendar 12

8.3.1 Insert data view 12

8.3.2 Error: Data not correct 12

8.3.3 Data save failed 13

8.3.4 Success: Data stored 13

8.4 Edit calendar 14

8.4.1 Insert data view 14

8.4.2 Error: Data not correct 14

8.4.3 Error: Data save failed 15

8.4.4 Success: Data stored 15

8.5 Delete calendar 16

8.5.1 Confirm view 16

8.5.2 Error: Deletion failed 16

8.5.3 Success: Data deleted 17

9. Function Points 18

# Use-Case manage calendars

## Brief Description

The use case manage calendars is a CRUD use case. You can create, read, update and delete a calendars’ metadata. Except for deleting which also deletes all related data like appointments, the changes only affect the calendars metadata.

## Stored data

### Overview

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Auto-assigned | Unique | Mandatory | Modifiable |
| Id | Yes | Yes | Yes | No |
| Name | No | Yes | Yes | Yes |
| Description | No | No | Yes | Yes |
| Color | No | No | Yes | Yes |
| Creator | Yes | No | Yes | No |

### Description

The metadata consists of the name of the calendar, a short description and a color for better differentiation when viewing more than one calendar at the same time. Also there is a creator saved, but the creator is automatically set as the user who creates the calendar and it is not possible to change the value later.

# Flow of Events

## Screen Flow



## Use Case Flows

### Show all calendars (List View)



### Show single calendar (View Single)



### Create new calendar (Create)



### Edit calendar (Edit)



### Delete calendar (Delete)



# Special Requirements

n/a

# Preconditions

## Rights

View/edit/delete/create: The user must have the rights to do the operation.

## Calendar

View/edit/delete: The calendar must exist.

Create: The calendar must not exist.

# Postconditions

## Calendar

Edit: The calendar metadata is updated

Delete: The calendar is deleted

Create: The calendar is created

# Extension Points

n/a

# Selenium test scenario

Scenario 1: create calendar

Given I am logged in

And I am on the "calendar list"

And I clicked "create calendar"

When I type in the correct calendar data

And I click "create"

Then I the calendar should be created

Scenario 2: delete calendar

Given I am logged in

And I am on the "calendar list"

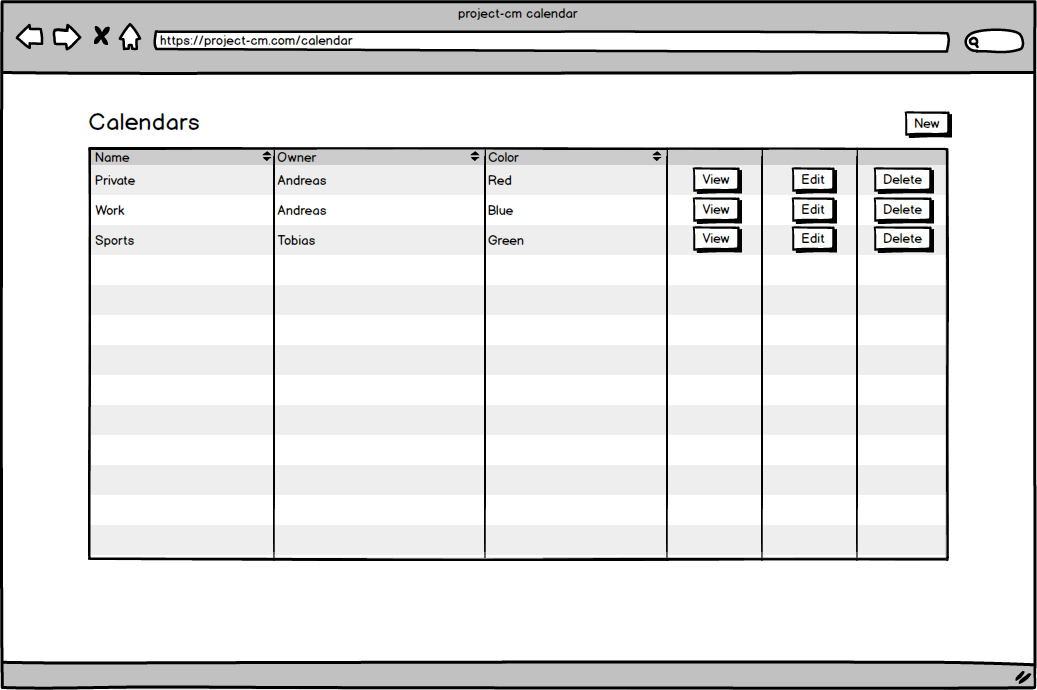
And I clicked "delete calendar"

When I confirm the deletion

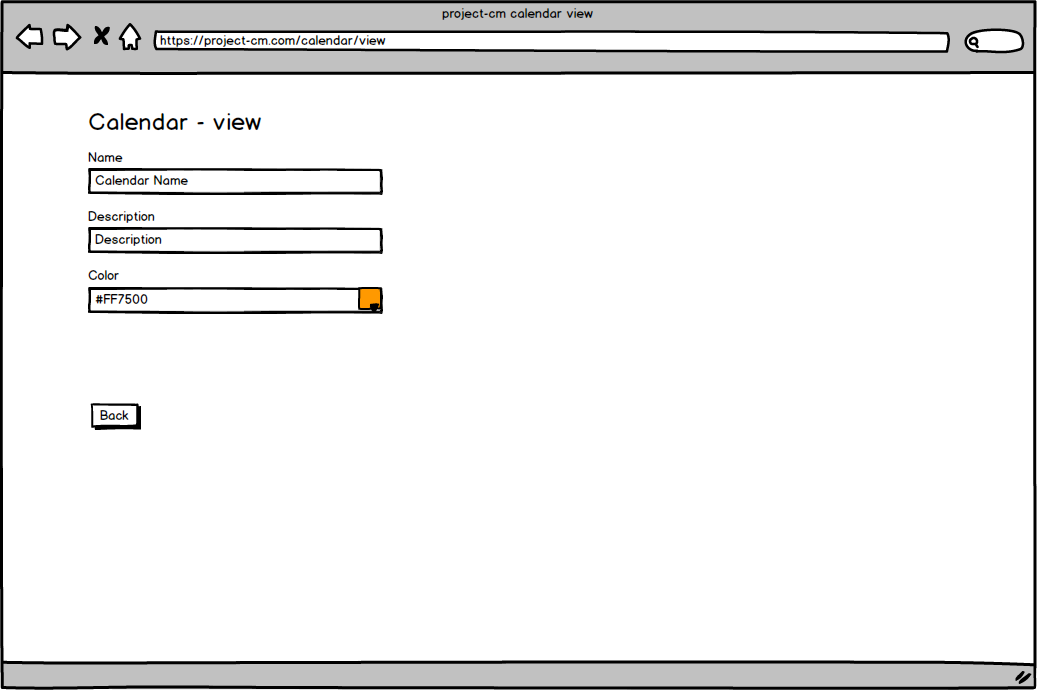
Then I the calendar should be deleted

# Mockups

## Show all calendars

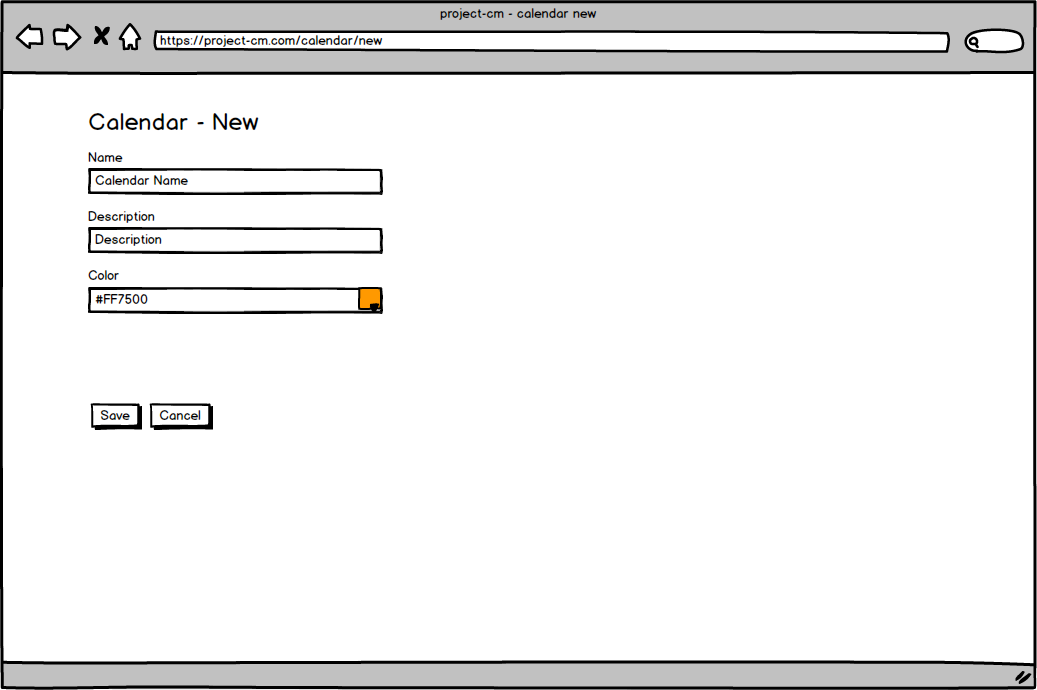


## Show single calendar

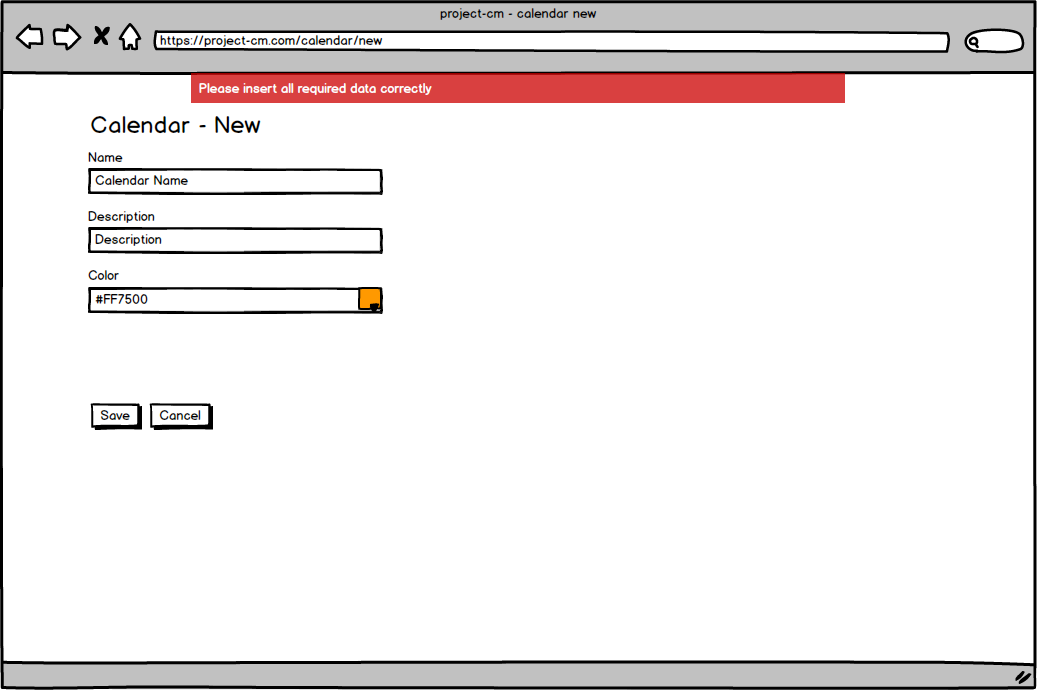


## Create new calendar

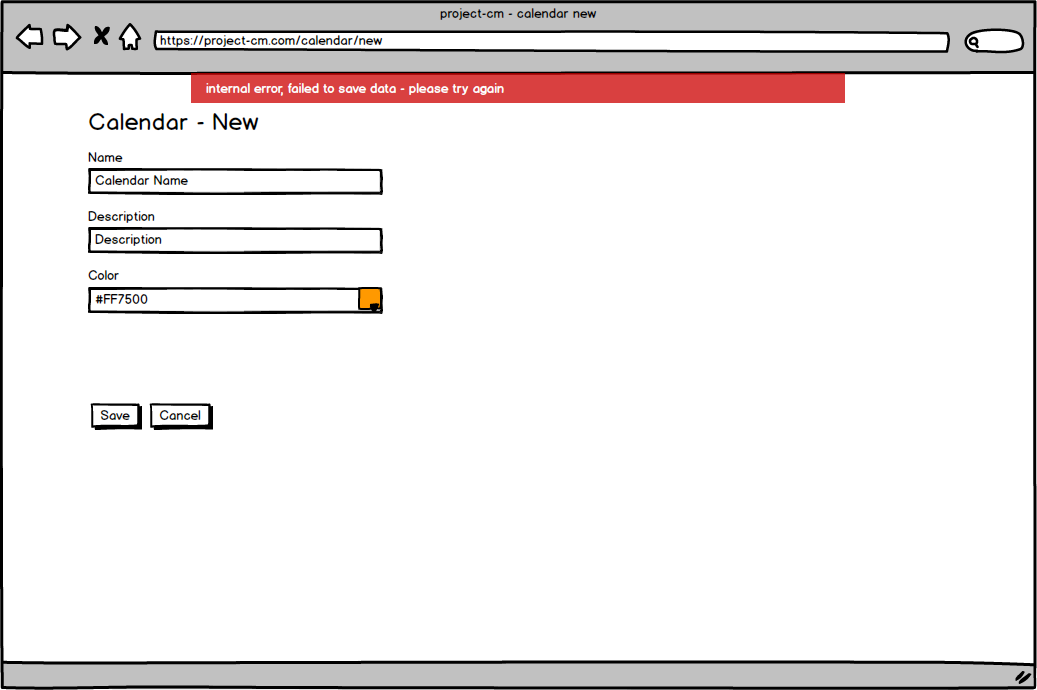
### Insert data view



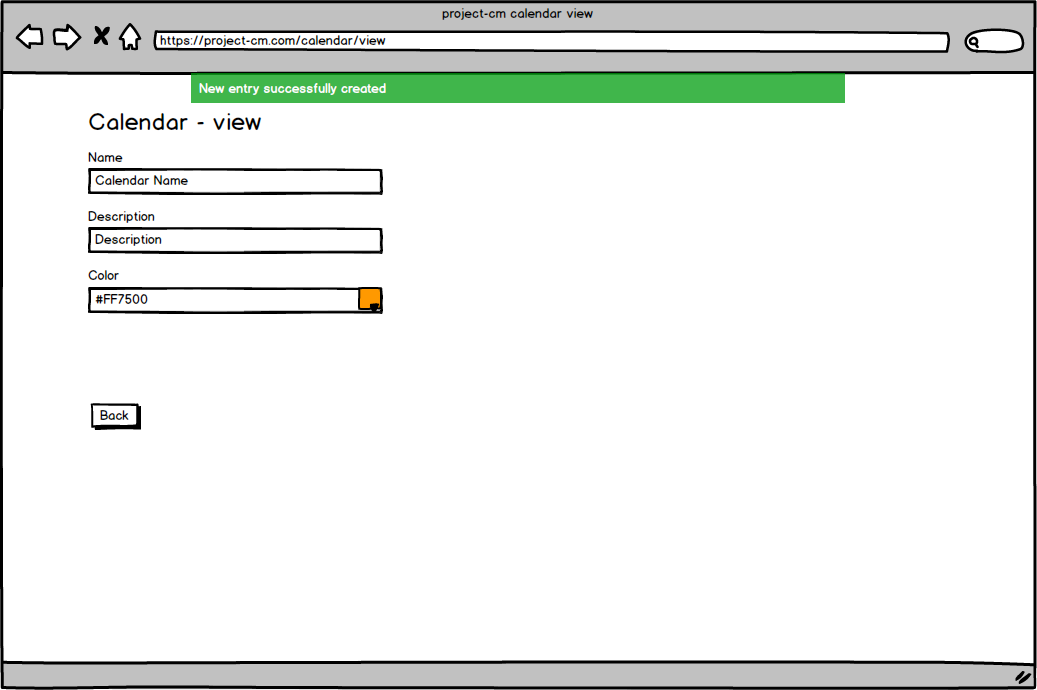
### Error: Data not correct



### Data save failed

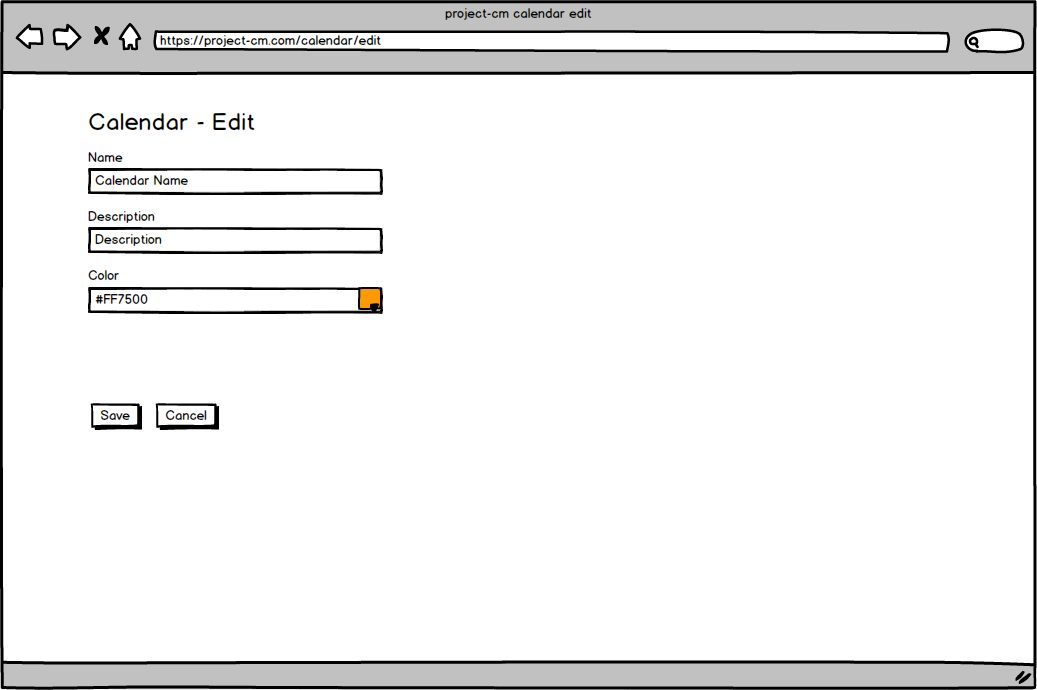


### Success: Data stored

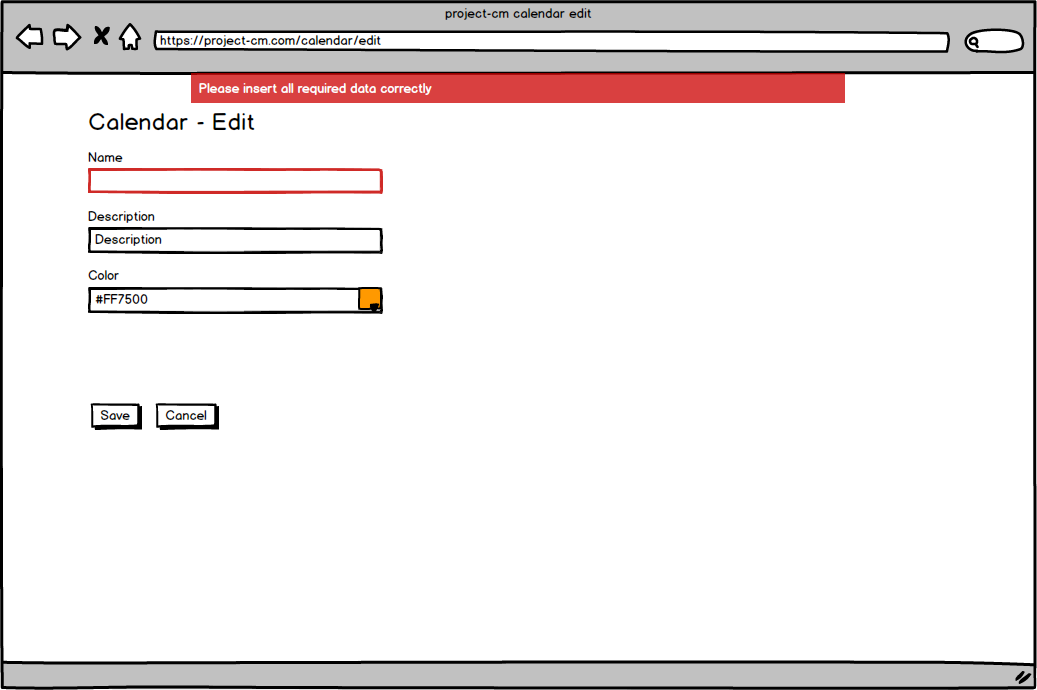


## Edit calendar

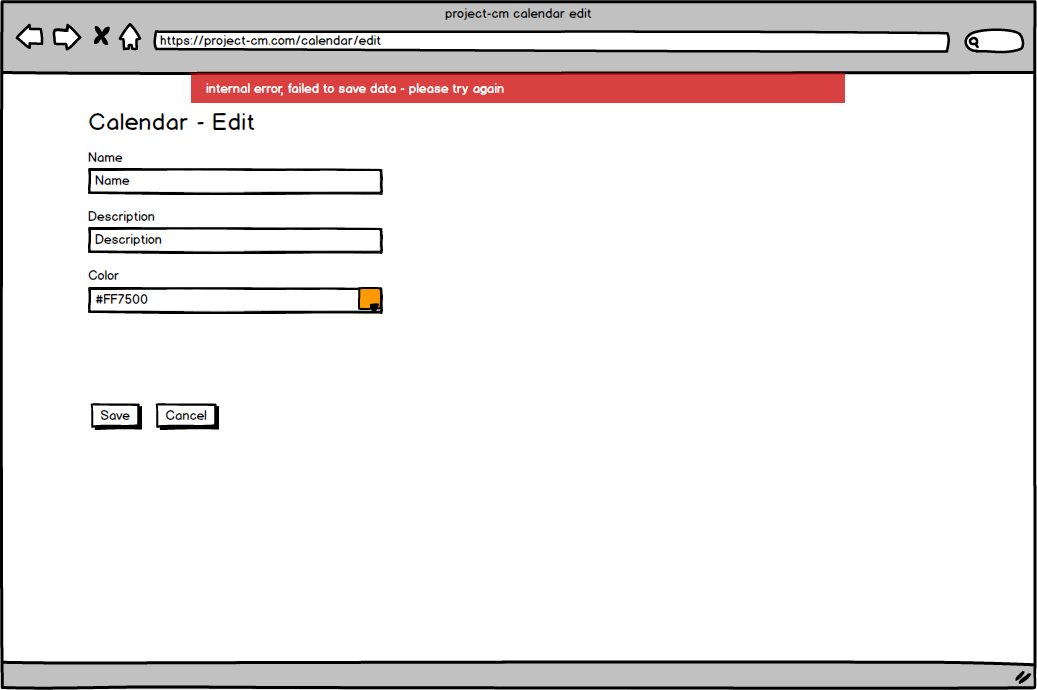
### Insert data view



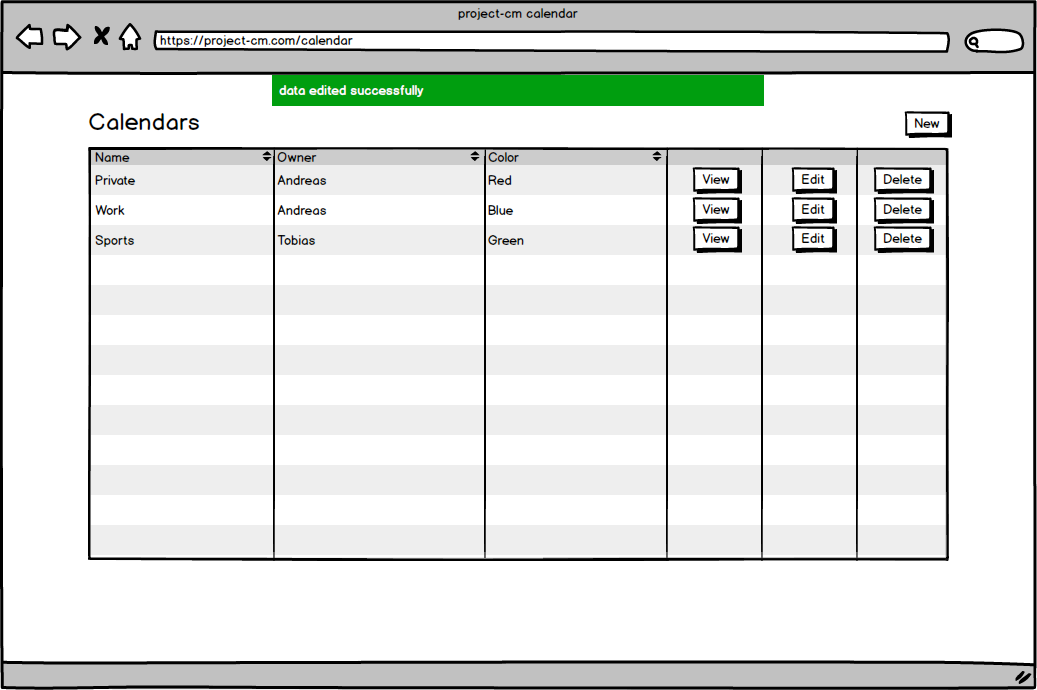
### Error: Data not correct



### Error: Data save failed

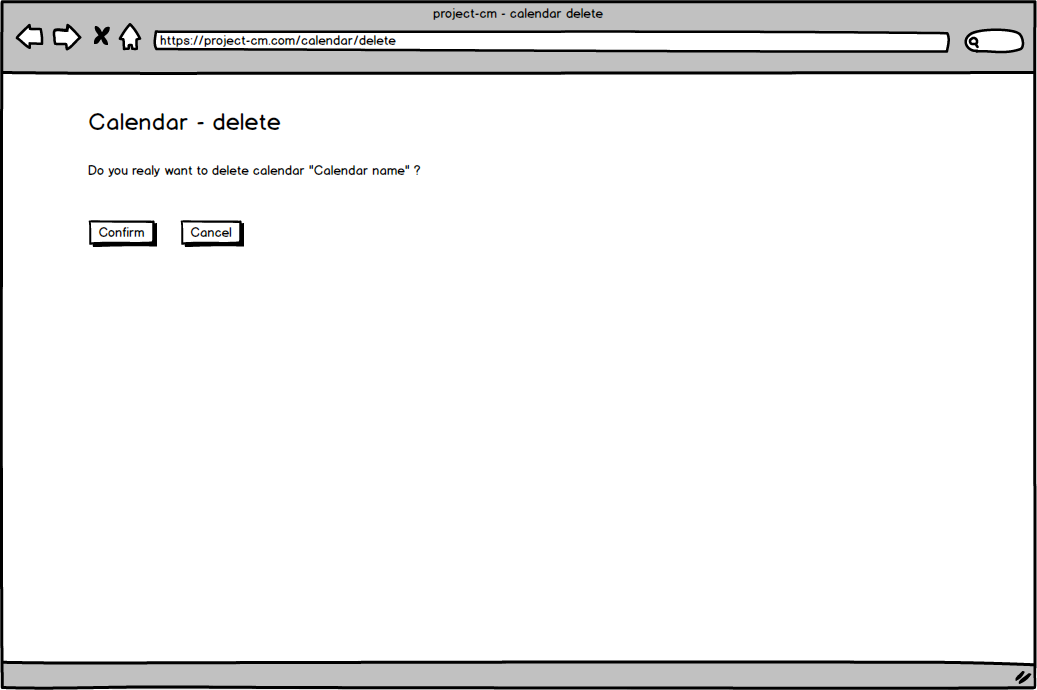


### Success: Data stored

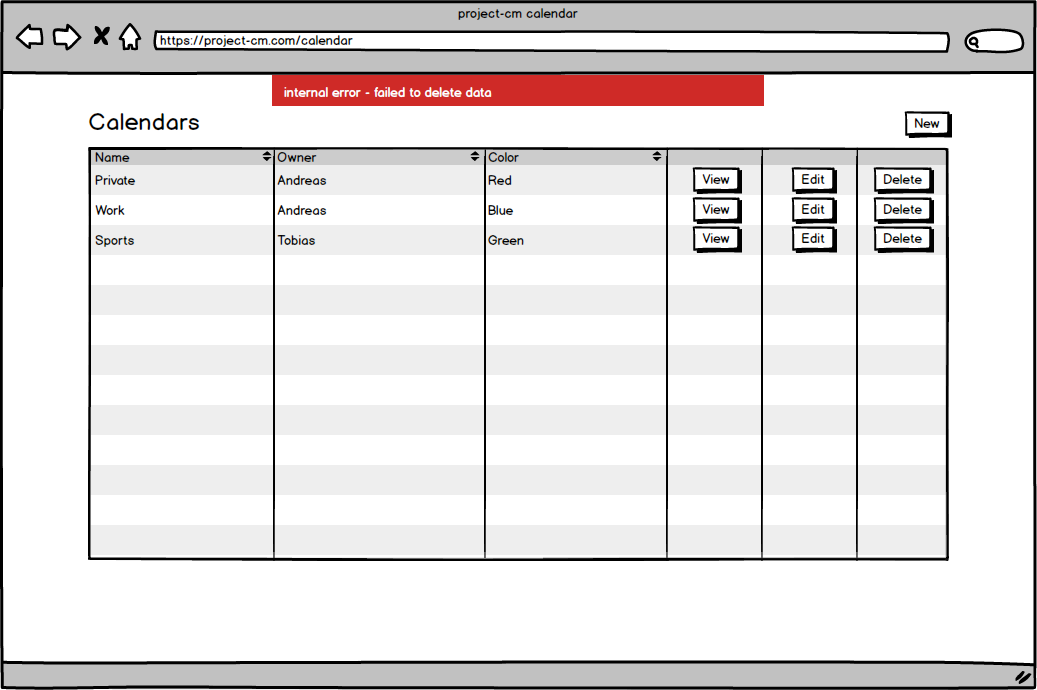


## Delete calendar

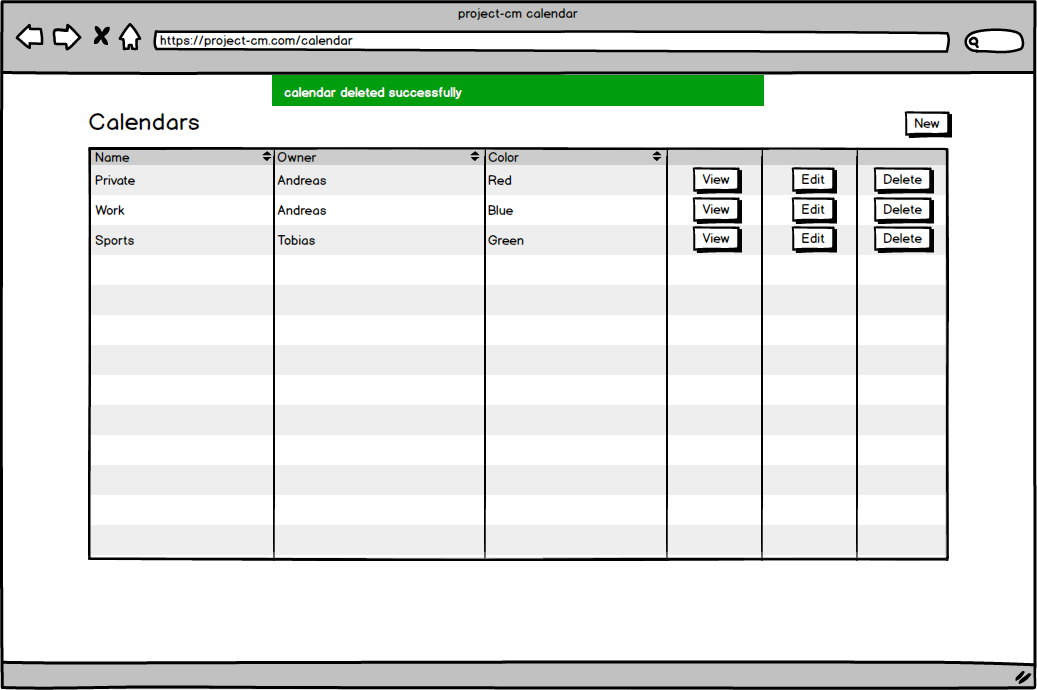
### Confirm view



### Error: Deletion failed



### Success: Data deleted



# Function Points

Below you can see the function point calculation for this use case.

