Project CM

UC: Manage calendars

Version 1.3

Revision History

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| --- | --- | --- | --- |
| Date | Version | Description | Author |
| 17/Oct/2013 | 1.0 | Initial UC description | Storm Cloud Development |
| 22/Oct/2013 | 1.1 | Updated diagrams  Inserted Cucumber 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 |
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UC: Manage calendars

# 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

# Cucumber test scenario

Feature: manage calendars

As an user

I want to manage calendars

So that I can create and manage my calendars

Scenario: 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 should see a confirmation message

Scenario: delete calendar

Given I am logged in

And I am on the "calendar list"

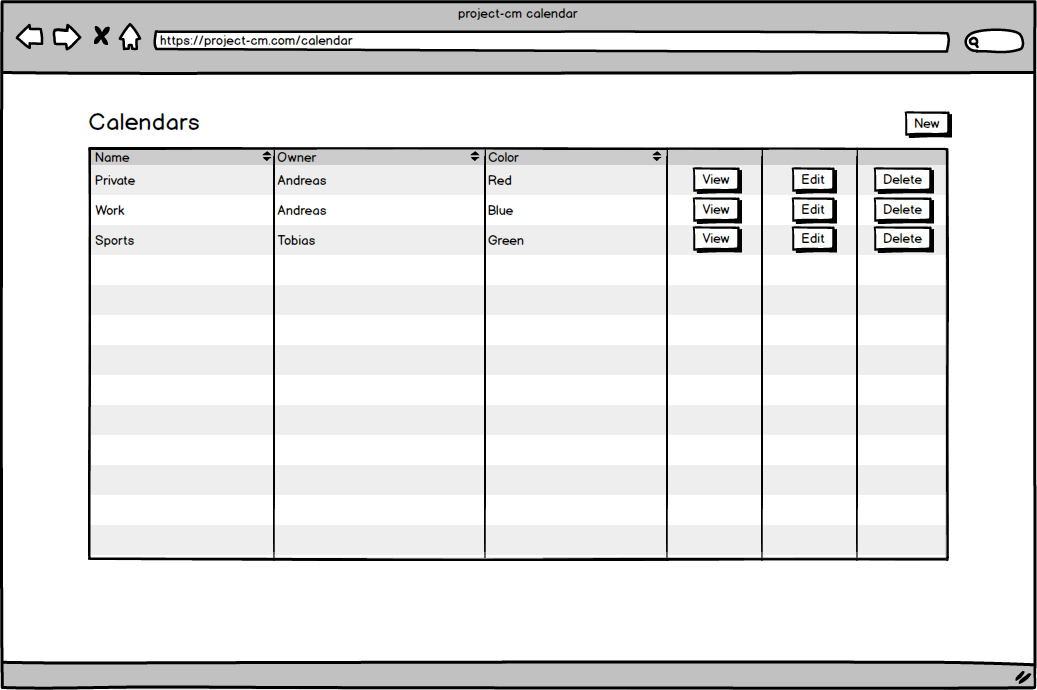
And I clicked "delete calendar"

When I confirm the deletion

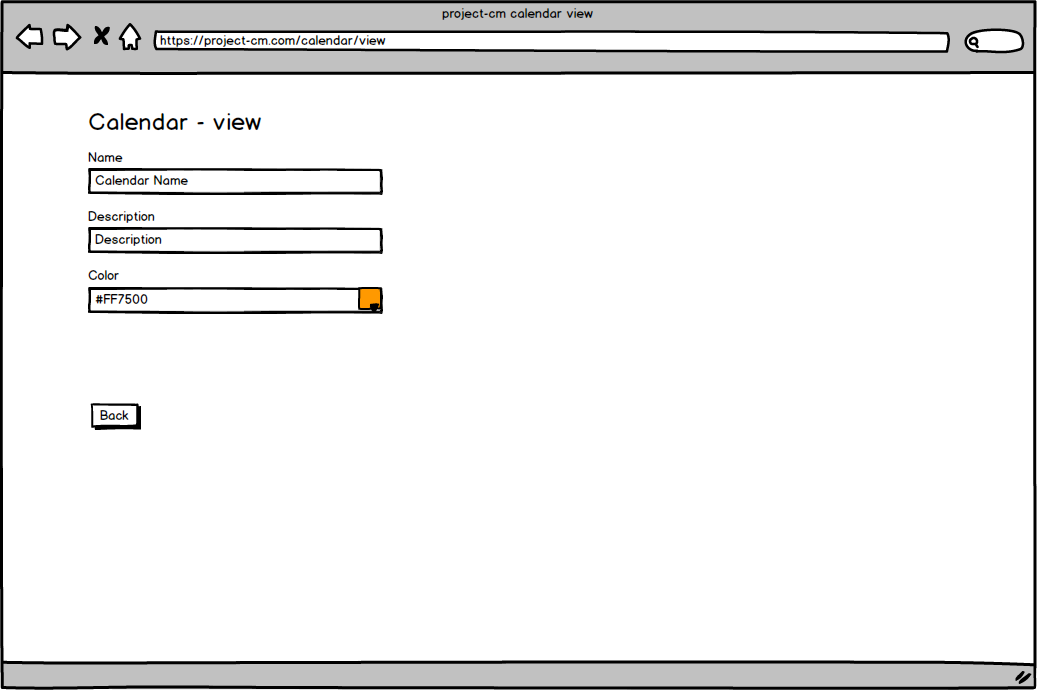
Then I should see a confirmation message

# Mockups

## Show all calendars

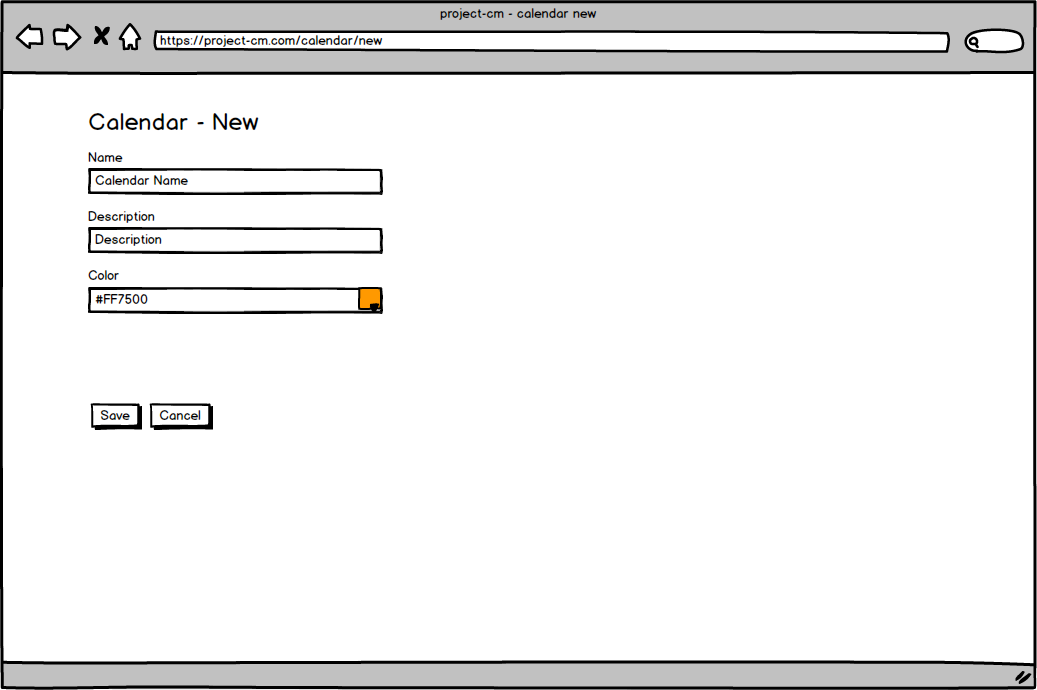


## Show single calendar

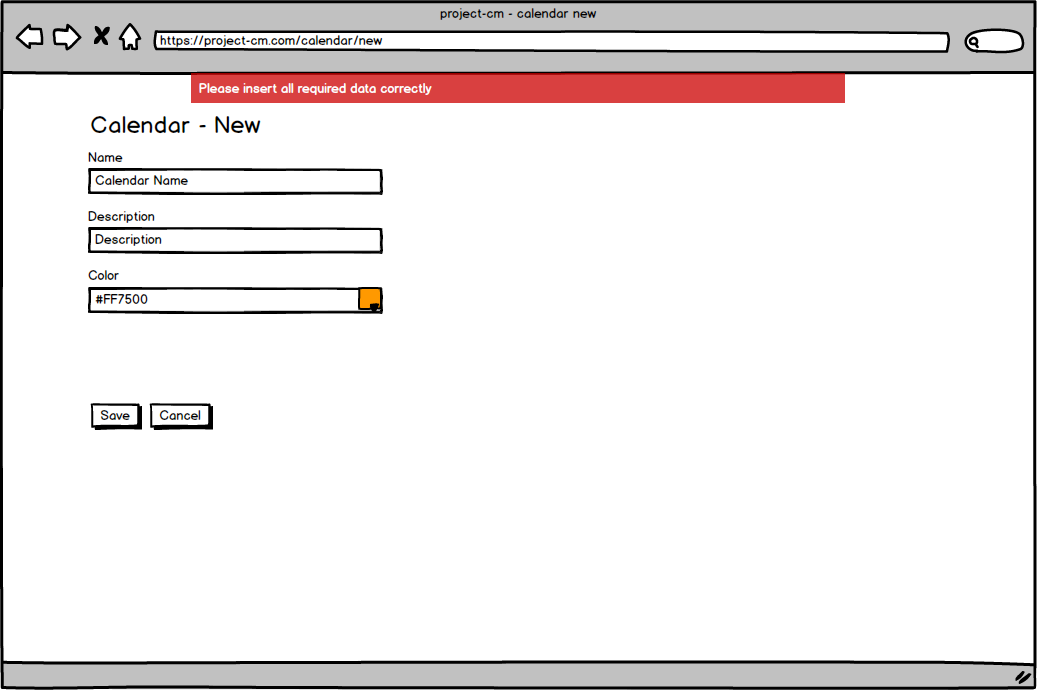


## Create new calendar

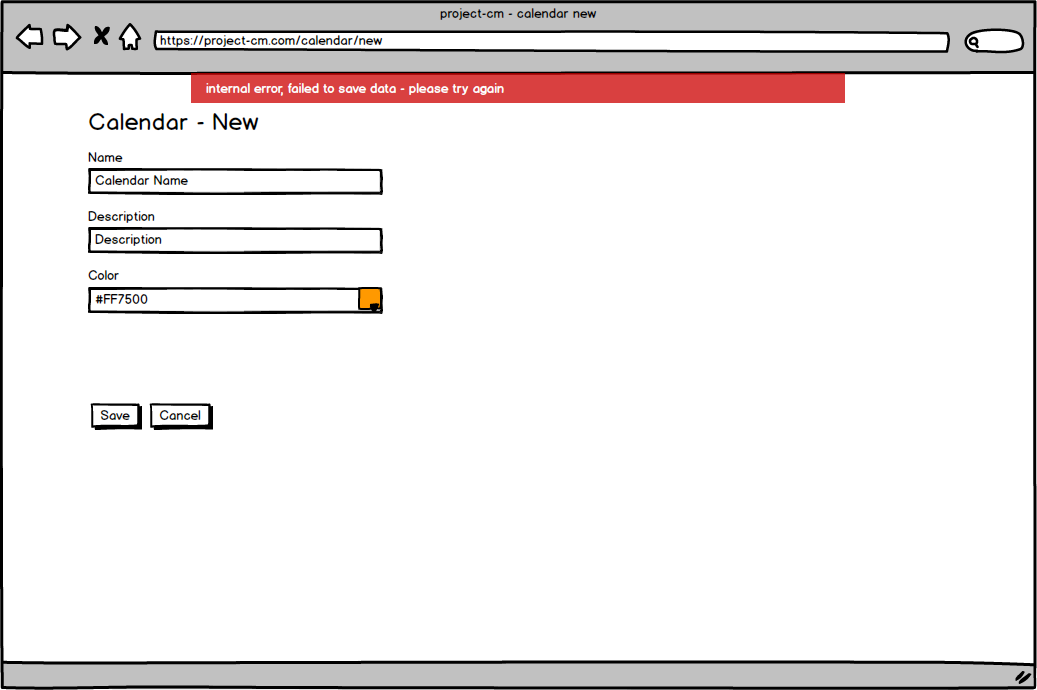
### Insert data view



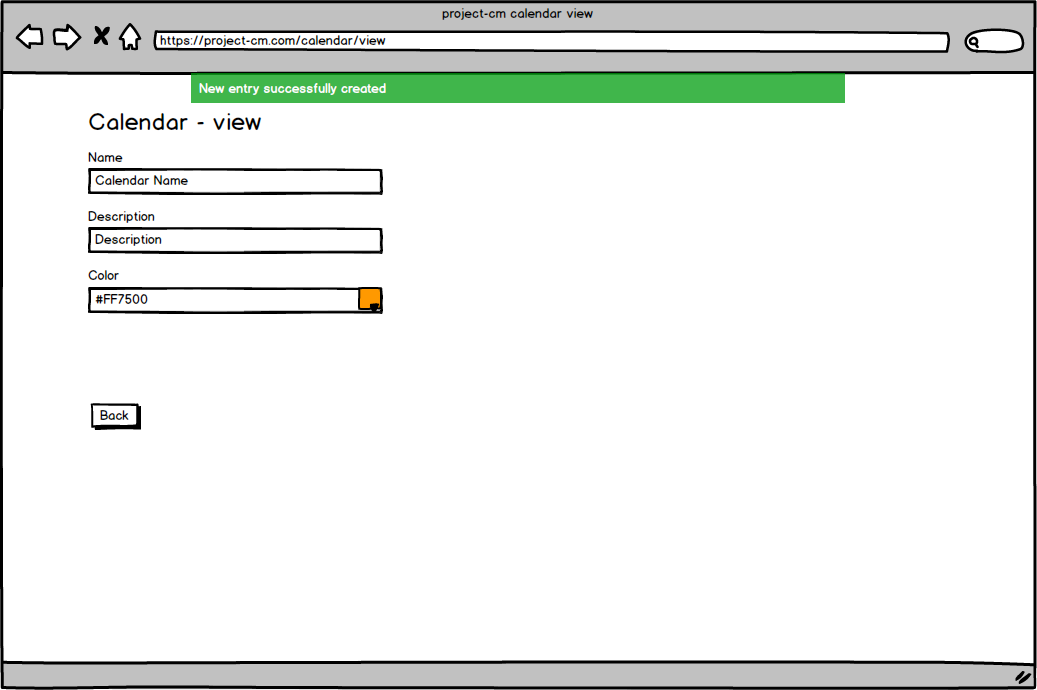
### Error: Data not correct



### Data save failed

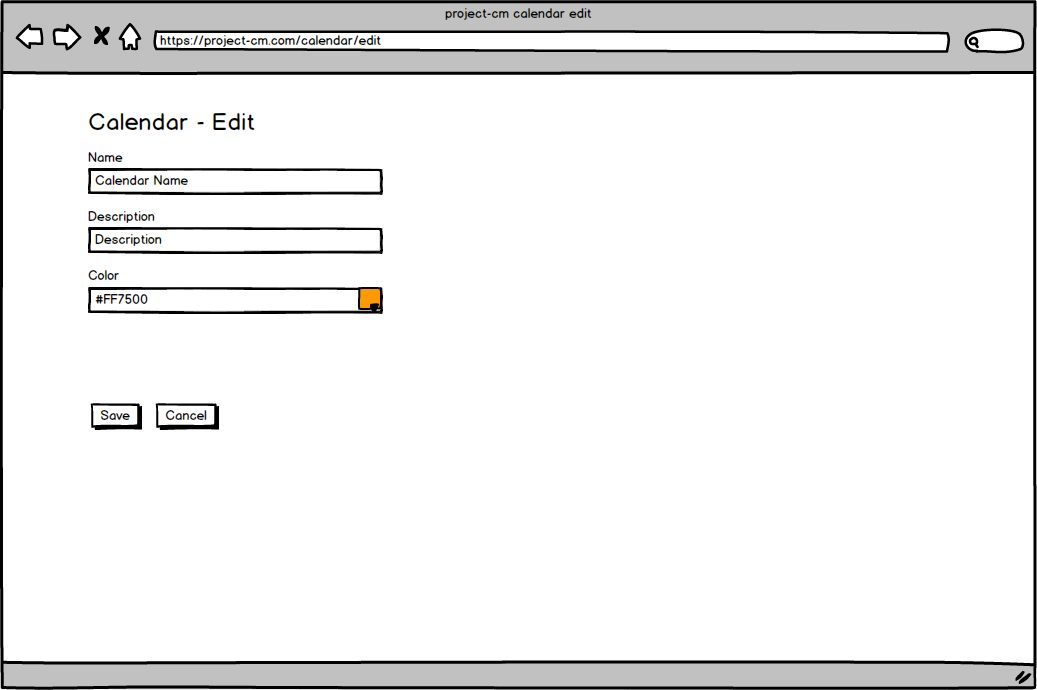


### Success: Data stored

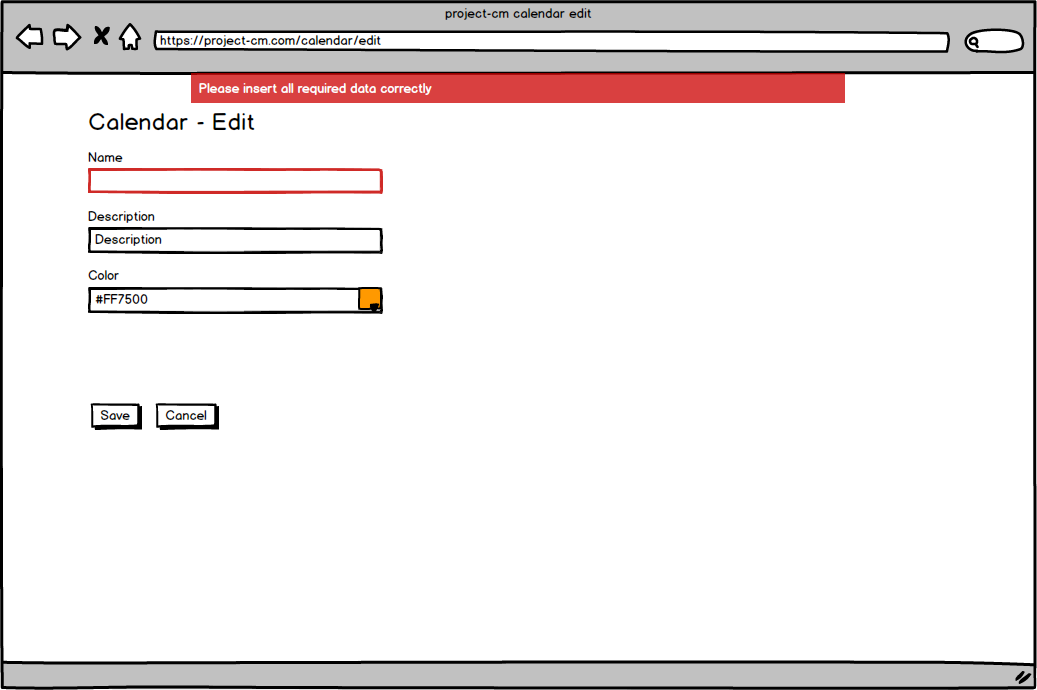


## Edit calendar

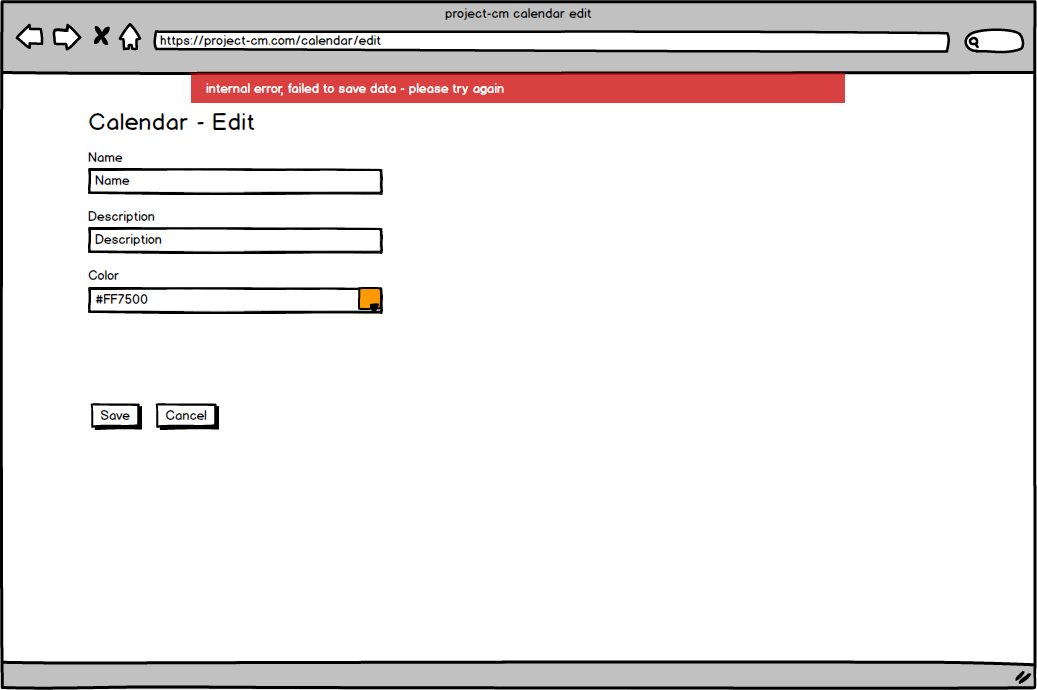
### Insert data view



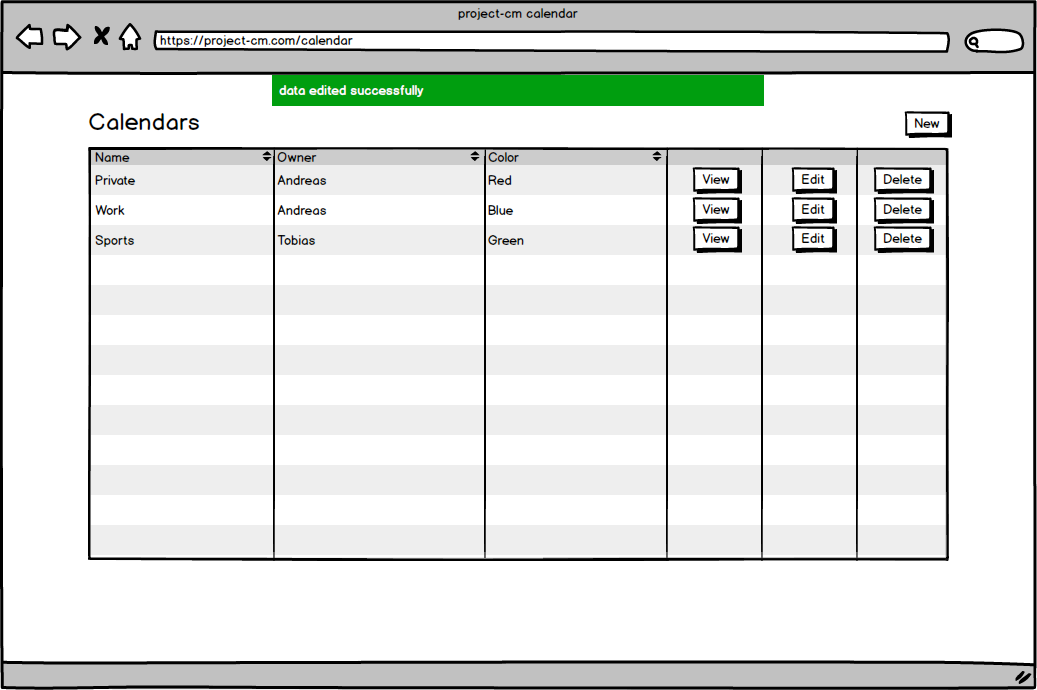
### Error: Data not correct



### Error: Data save failed

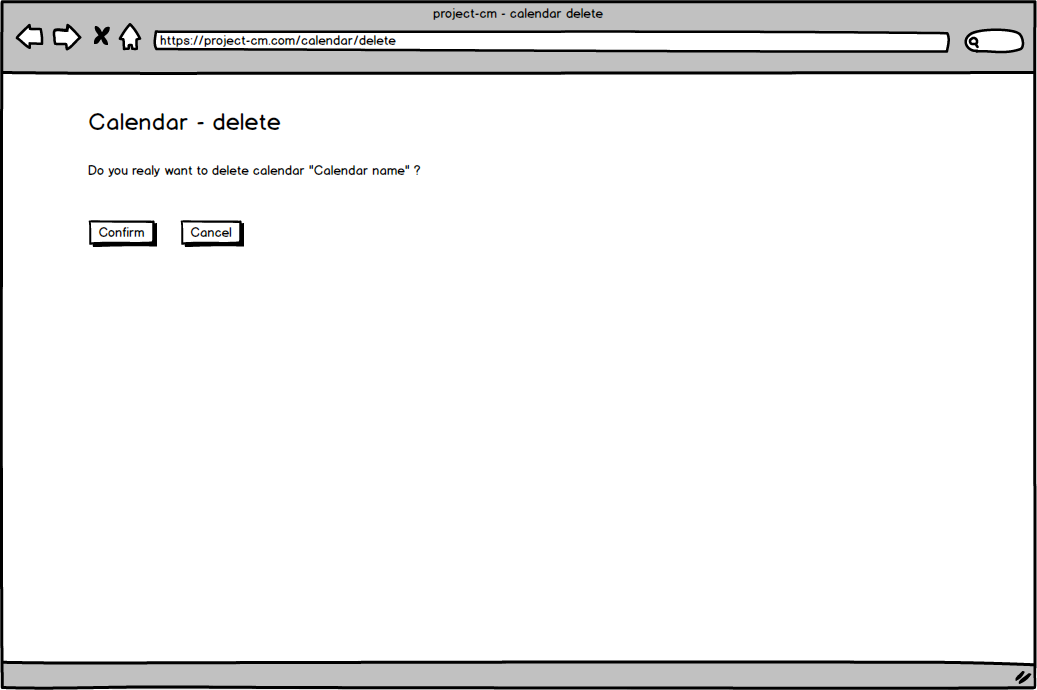


### Success: Data stored

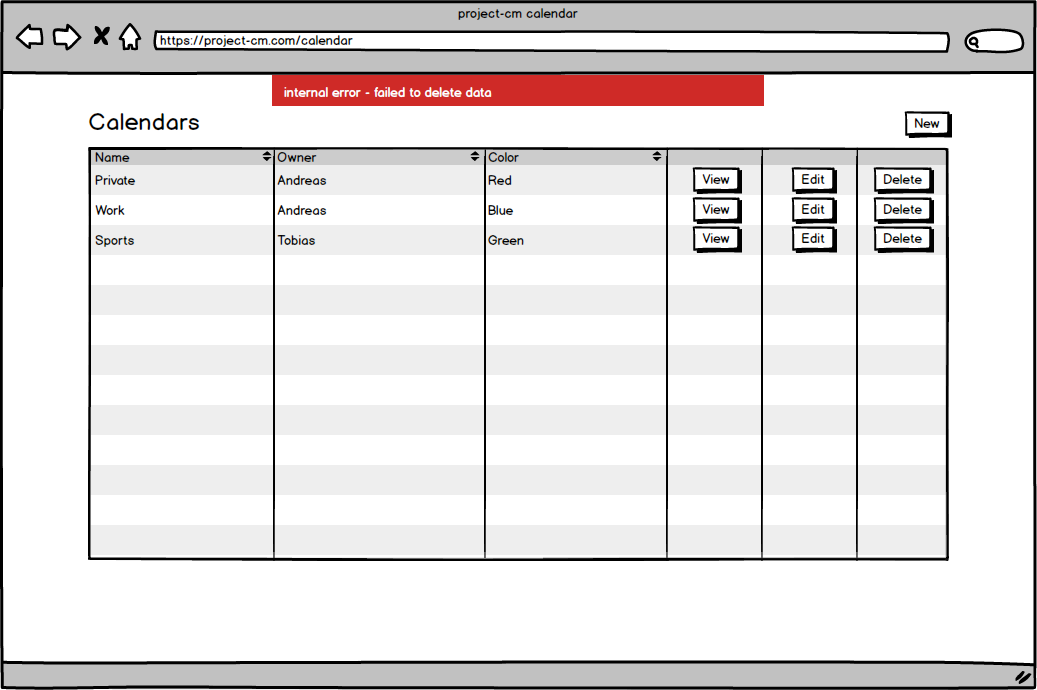


## Delete calendar

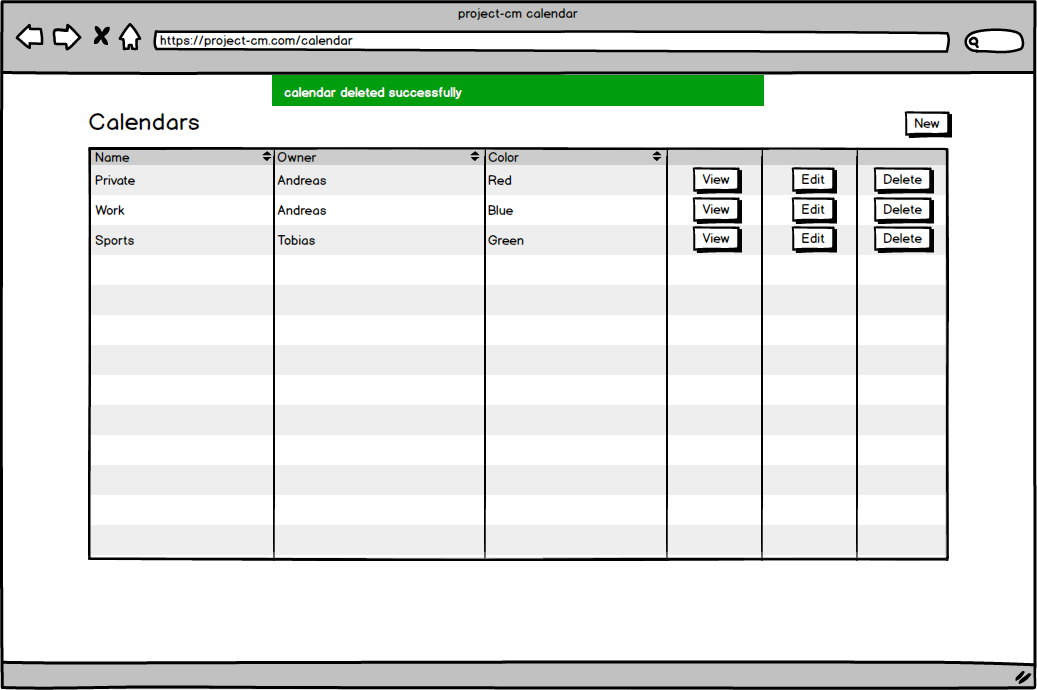
### Confirm view



### Error: Deletion failed



### Success: Data deleted



# Function Points

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

