Project CM

Version 1.1

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 |
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# Use-Case manage mail accounts

## Brief Description

This use case describes how a user can manage his mail accounts. This means not to provide him a mail account, but to let him administrate the mail accounts he wants to access with the application. He can create (add), read, update and delete mail accounts (CRUD).

## Stored data

### Overview

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Auto-assigned | Unique | Mandatory | Modifiable |
| Id | Yes | Yes | Yes | No |
| Sender Name | No | No | No | Yes |
| Email | No | Yes | Yes | No |
| Password | No | No | No | Yes |
| Retrieve Type | No | No | Yes | No |
| Retrieve Host | No | No | Yes | Yes |
| Retrieve Port | No | No | Yes | Yes |
| Retrieve SSL | No | No | Yes | Yes |
| Retrieve Authentication | No | No | Yes | Yes |
| Send Host | No | No | Yes | Yes |
| Send Port | No | No | Yes | Yes |
| Send SSL | No | No | Yes | Yes |
| Send Authentication | No | No | Yes | Yes |
| Logon Name | No | No | No | Yes |

### Description

A mail account has several data which must be stored. First of all you need an email address where you want to receive / send mails with. Also you need a logon name and a password to logon. Both of those are obligatory when creating the account. If the user does not provide a logon name, his email address is used and without a stored password he will be asked for his password every time it is needed. Also the user has a sender name which is shown to others when he sends a mail. This is also obligatory and is replaced by the email if not provided by the user. Mandatory information is the type of the retrieval (IMAP or POP3) and the host and security data for sending and retrieving mails. The host data is the Host name and Port and security information are the SSL type to connect with and the authentication type (password, encrypted password).

# Flow of Events

## Screen Flow



## Use Case Flows

### Show all mail accounts (List View)



### Show single mail account (View Single)



### Create new mail account (Create)



### Edit mail account (Edit)



### Delete mail account (Delete)



# Special Requirements

n/a

# Preconditions

## Rights

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

## Account

Create: The email address must exist.

Create/edit: The login data must be right to use the application properly.

# Postconditions

## Account

Create/edit: The new account is successfully added / updated.

Create/edit: The user gets a verification mail to activate his account for usage.

# Extension Points

n/a

# Cucumber test scenario

Feature: manage mail accounts

As an user

I want to manage mail accounts

So that I can administrate the mail accounts I use to send and receive E-Mails

Scenario: create new mail account

Given I am logged in

And I am on the "mail account list"

And I clicked "add mail account"

When I type in the correct mail account data

And I click "add"

Then I should see a confirmation message

Scenario: delete mail account

Given I am logged in

And I am on the "mail account list"

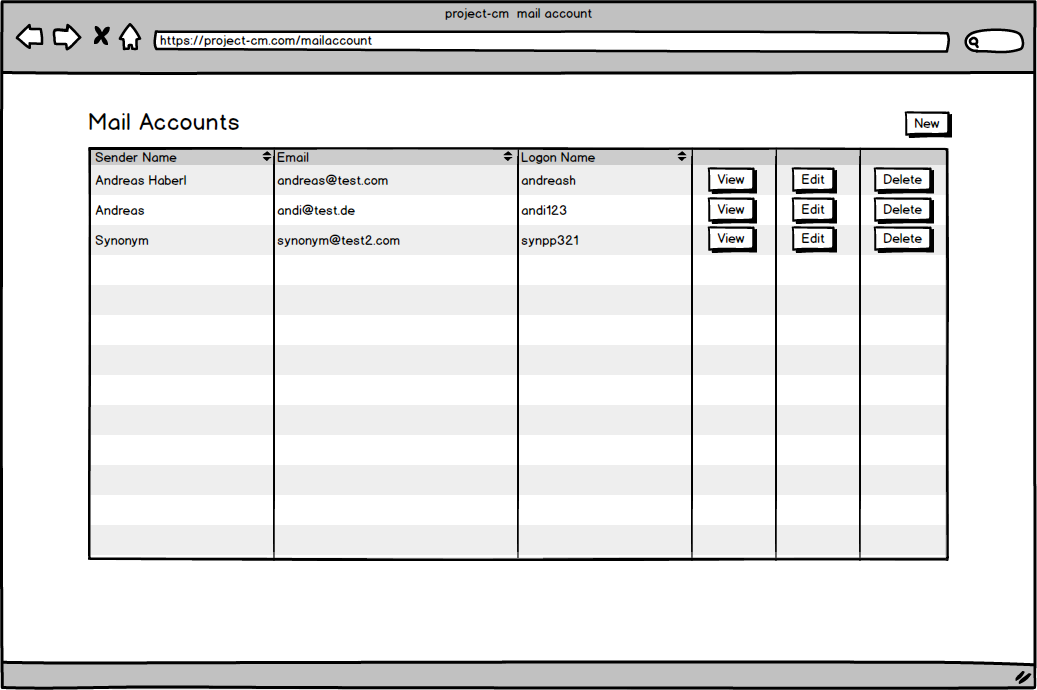
And I clicked "delete mail account"

When I confirm the deletion

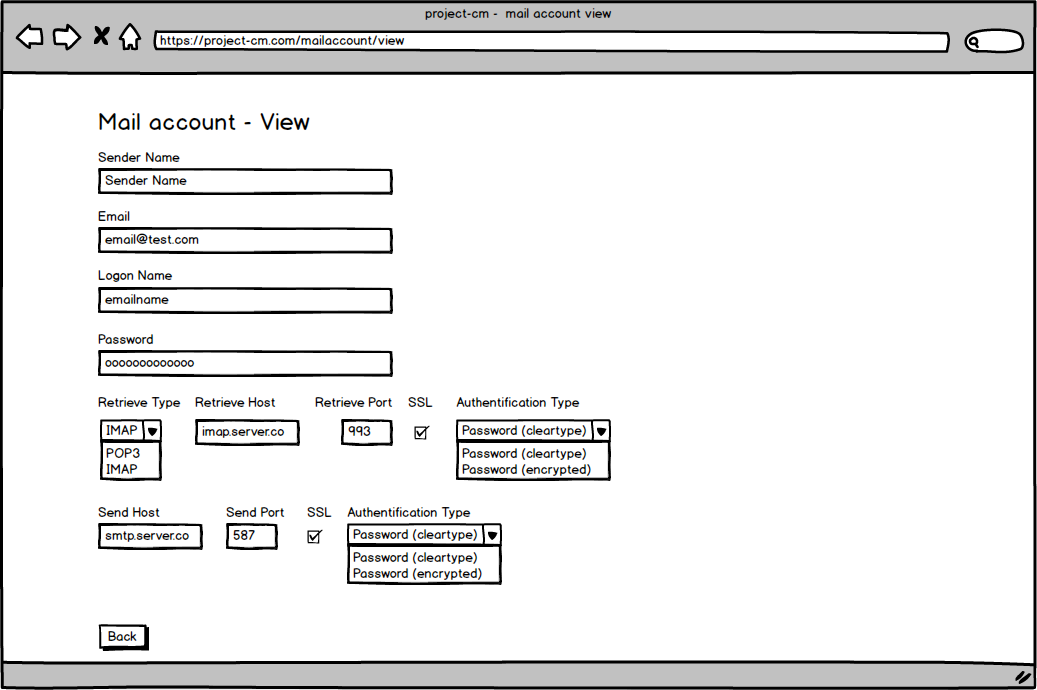
Then I should see a confirmation message

# Mockups

## Show all mail accounts

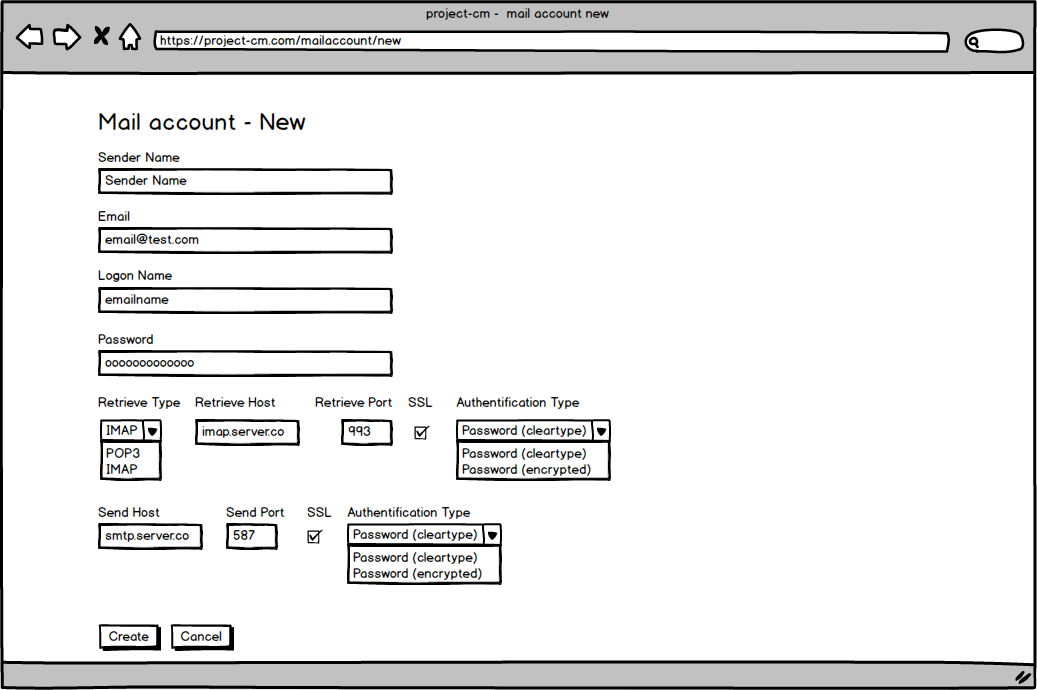


## Show single mail account

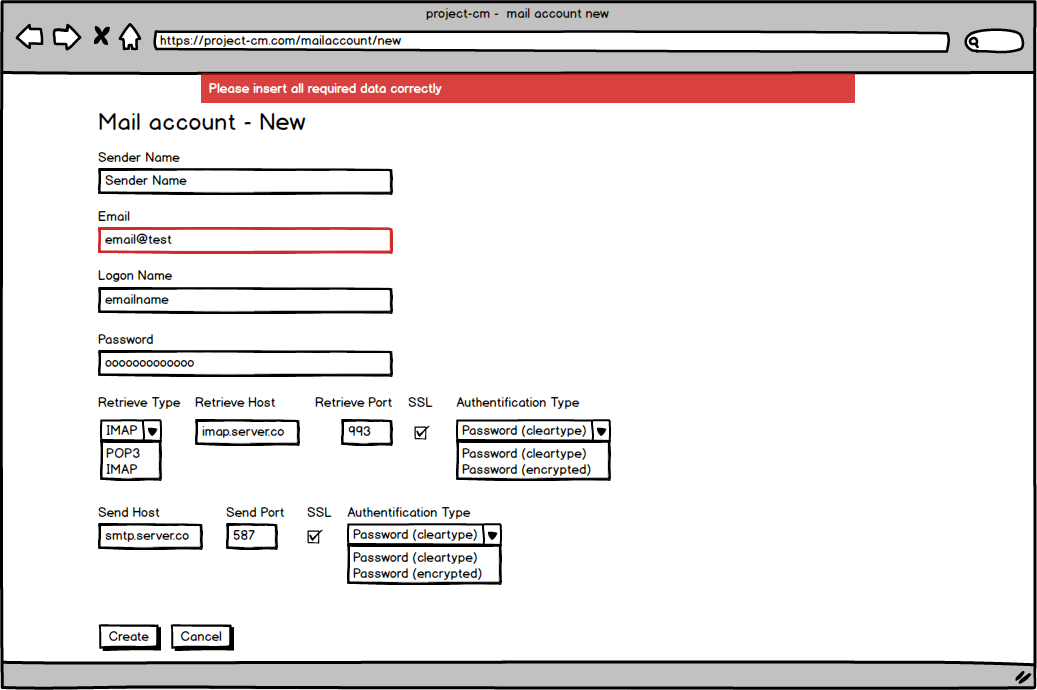


## Create new mail account

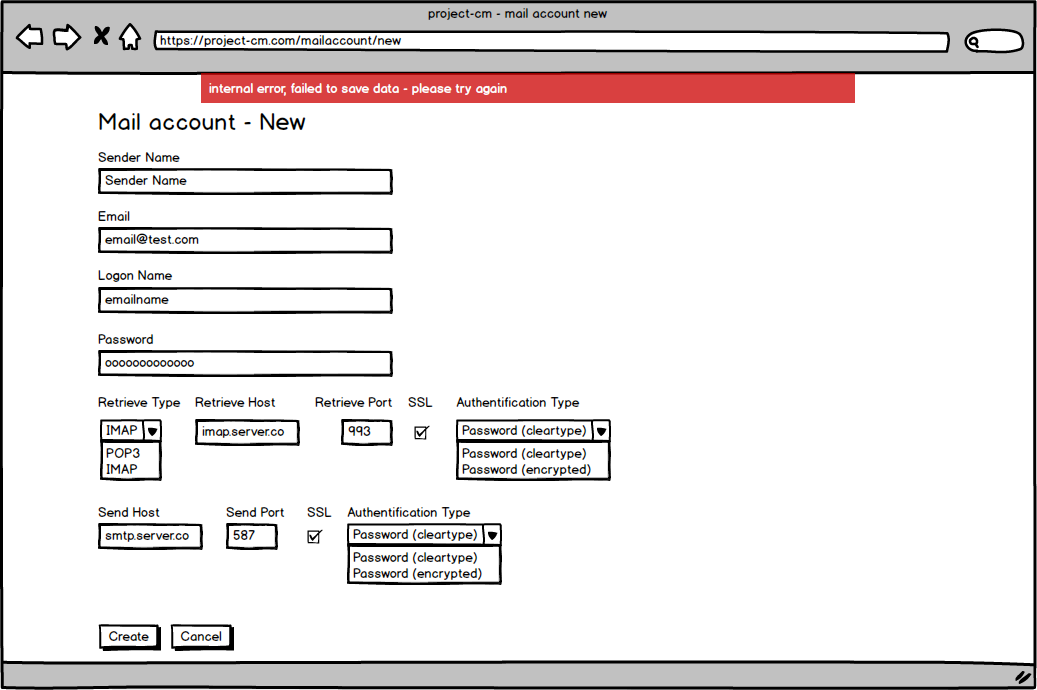
### Insert data view



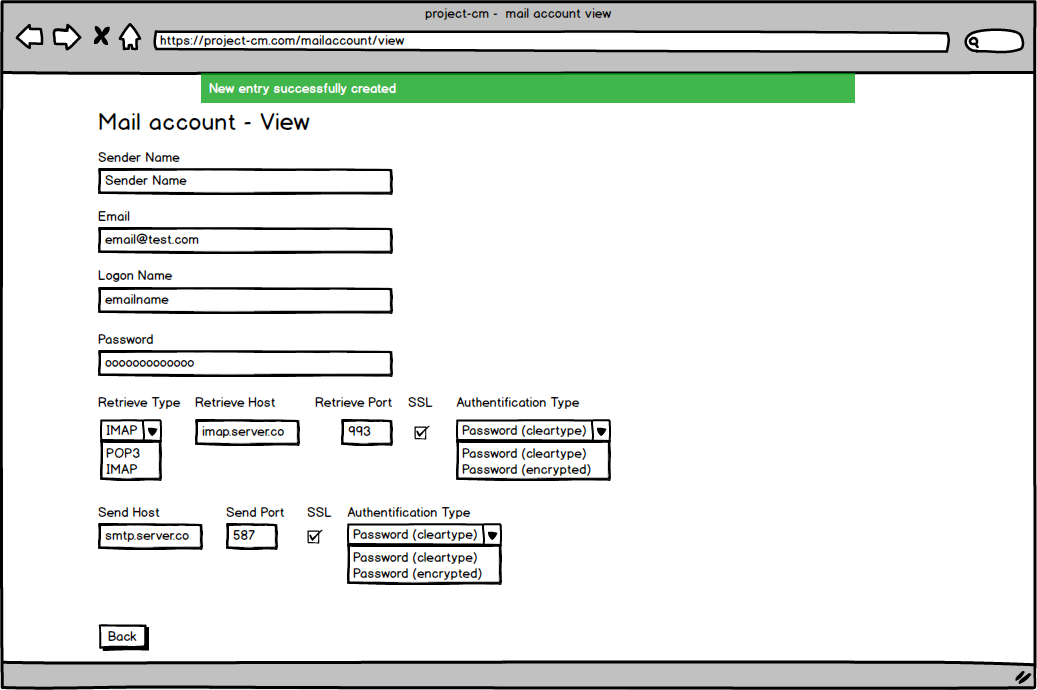
### Error: Data not correct



### Data save failed

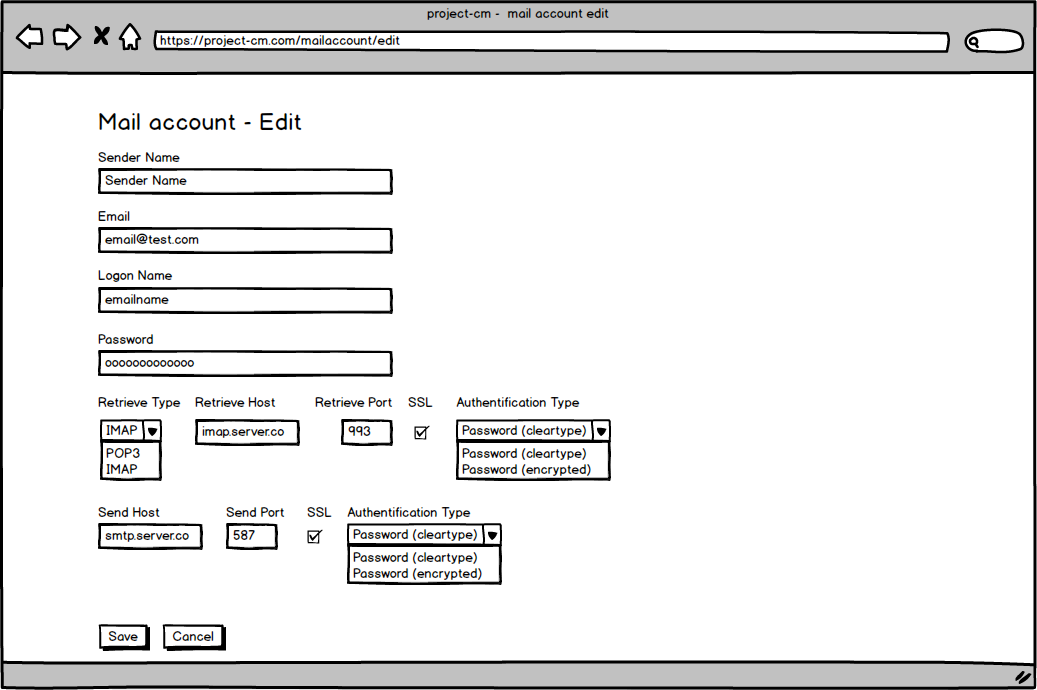


### Success: Data stored

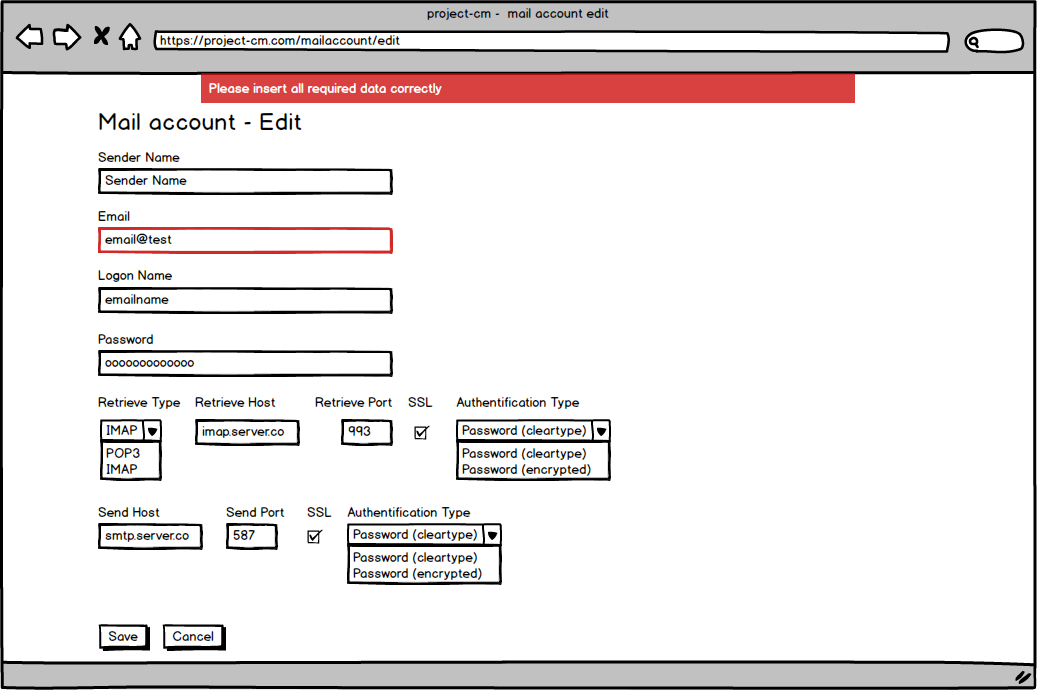


## Edit mail account

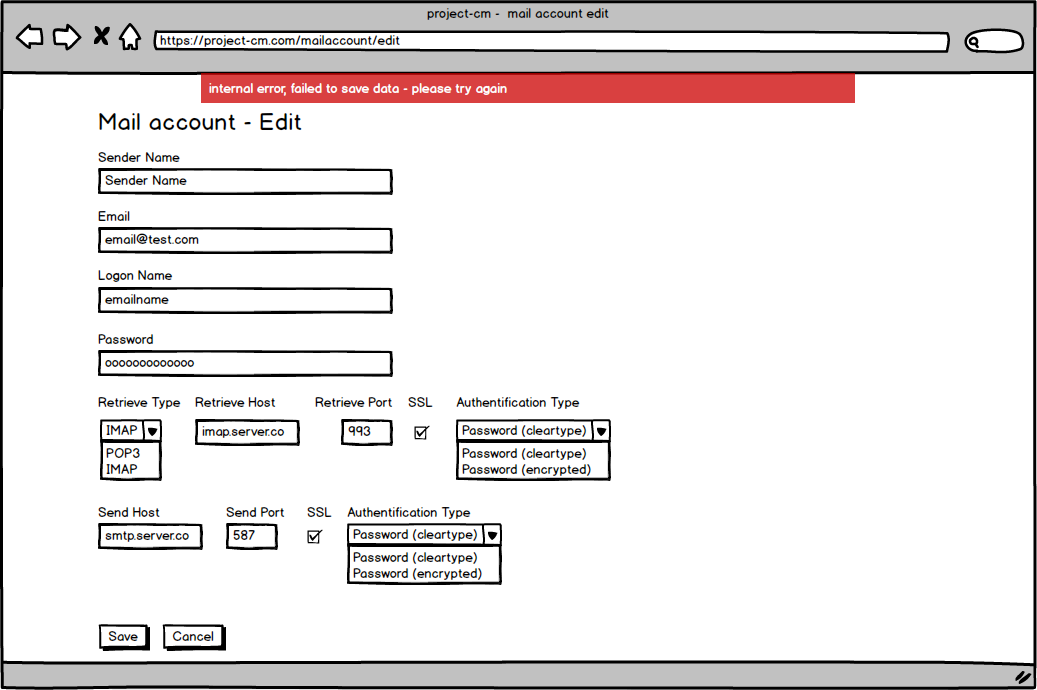
### Insert data view



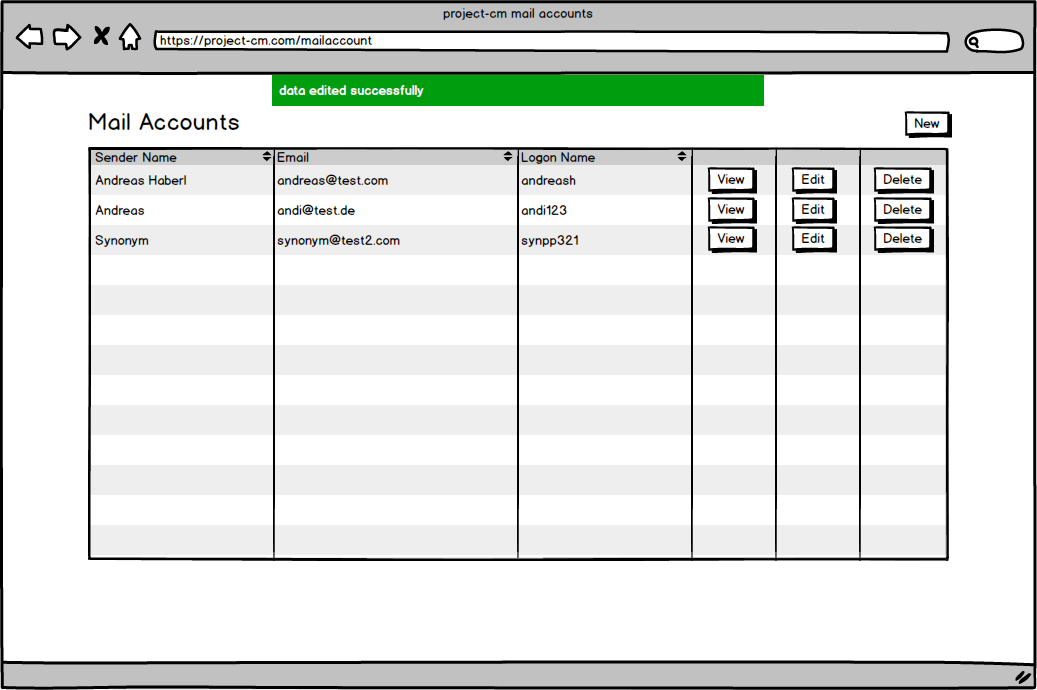
### Error: Data not correct



### Error: Data save failed

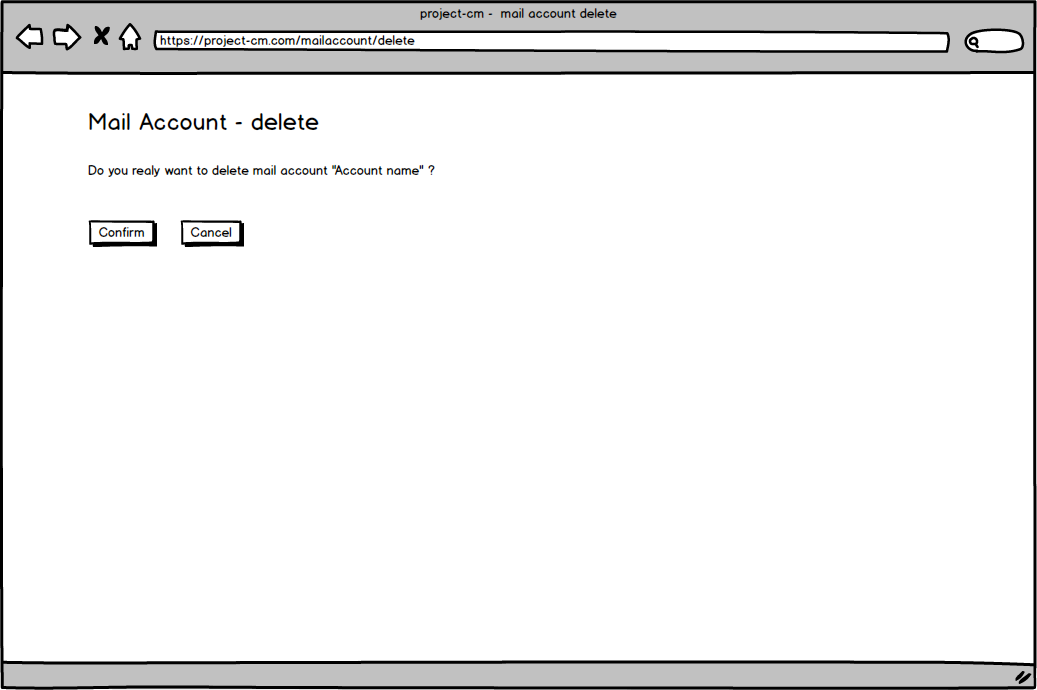


### Success: Data stored

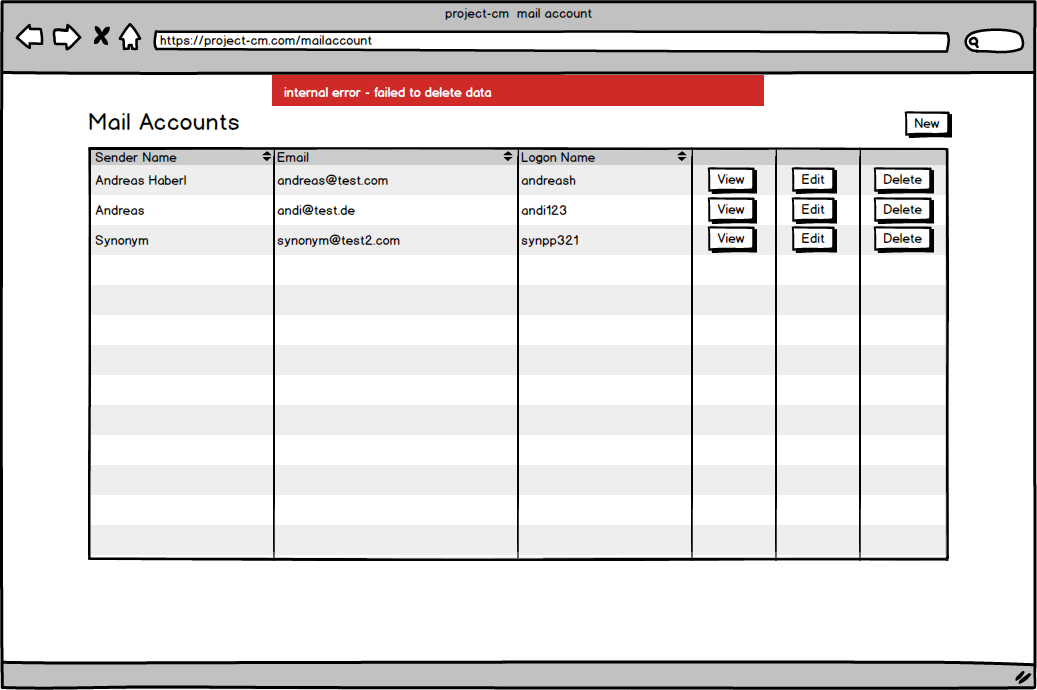


## Delete mail account

### Confirm view



### Error: Deletion failed



### Success: Data deleted

