Project CM

UC: Manage address book

Version 1.2

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 |
| 19/Jun/2014 | 1.2 | Updated stored data  Inserted function point calculation | Storm Cloud Development |
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UC: Manage address book

# Use-Case manage address book

## Brief Description

This use case describes how a user can manage his personal address book. Each user has one address book which cannot be modified. So mange the address book means create, read, update and delete contacts in this address book.

## Stored data

### Overview

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Auto-assigned | Unique | Mandatory | Modifiable |
| Id | Yes | Yes | Yes | No |
| Name | No | No | Yes | Yes |
| Street | No | No | No | Yes |
| House number | No | No | No | Yes |
| Zip-code | No | No | No | Yes |
| Town name | No | No | No | Yes |
| Country | No | No | No | Yes |
| Telephone nr. | No | No | No | Yes |
| Email | No | No | No | Yes |
| Contact owner | Yes | No | Yes | No |

### Description

A contact in the address book is identified by an automatically assigned id. This id is shown to the user, but he has no possibility to modify it. A contact has a name. It is not necessary, that the name is unique. Also you have the possibility to define an address consisting of street, house number, zip-code, town name and country. Furthermore it is possible to add a telephone number and an email address. To identify who stored this contact, the ID of the user is stored in contact owner.

# Flow of Events

## Screen Flow



## Use Case Flows

### Show all contacts (List View)



### Show single contact (View Single)



### Create new contact (Create)



### Edit contact (Edit)



### Delete contact (Delete)



# Special Requirements

n/a

# Preconditions

## Rights

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

## Database

Create: The entry to be created does not exist in the database.

Edit/view/delete: The entry has to be found in the database.

# Postconditions

## Database

Create: The entry to be created does now exist in the database.

Edit: The entry is updated.

Delete: The entry is deleted from the database.

# Extension Points

n/a

# Selenium test scenario

Scenario 1: create contact

Given I am logged in

And I am on the "contact list"

And I clicked "create contact"

When I type in the correct contact data

And I click "create"

Then the contact should be created

Scenario 2: delete contact

Given I am logged in

And I am on the "contact list"

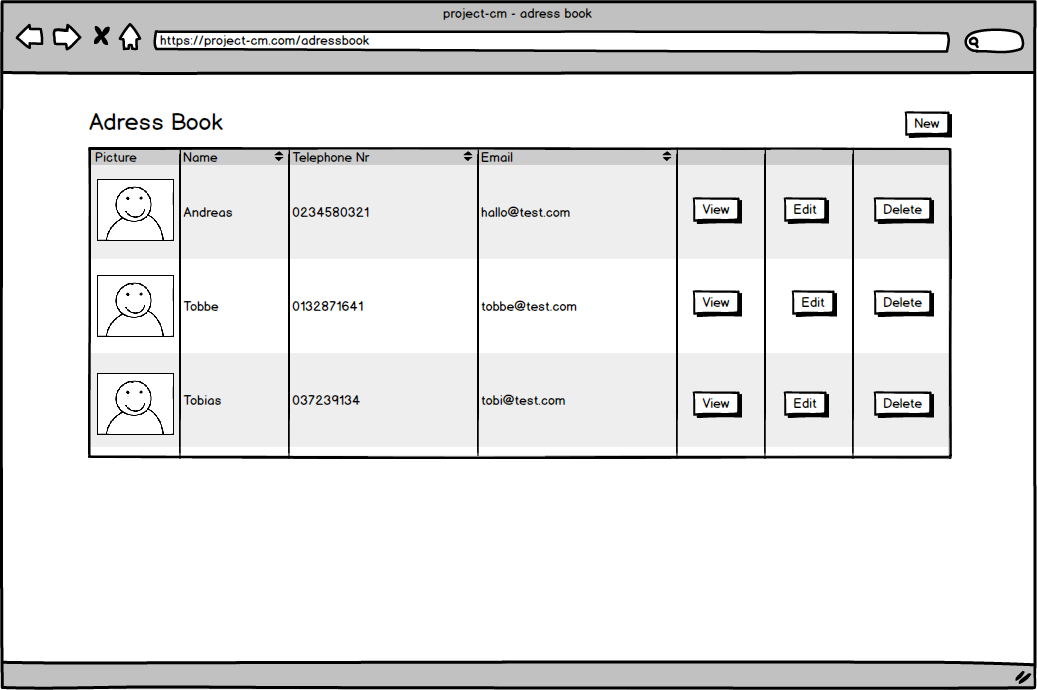
And I clicked "delete contact"

When I confirm the deletion

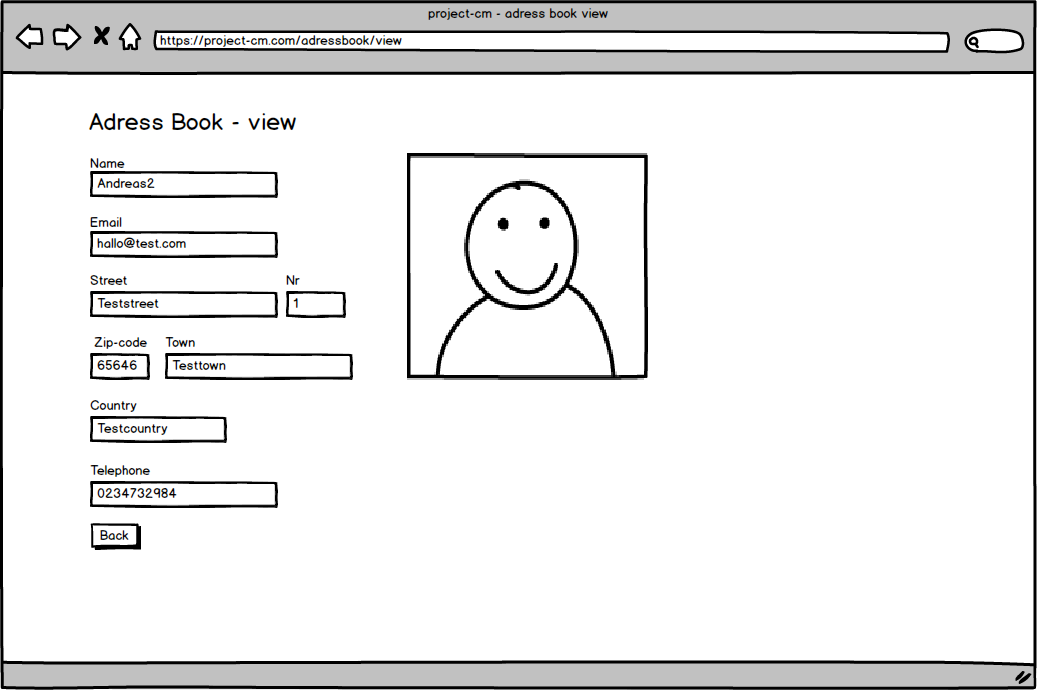
Then the contact should be deleted

# Mockups

## Show all contacts

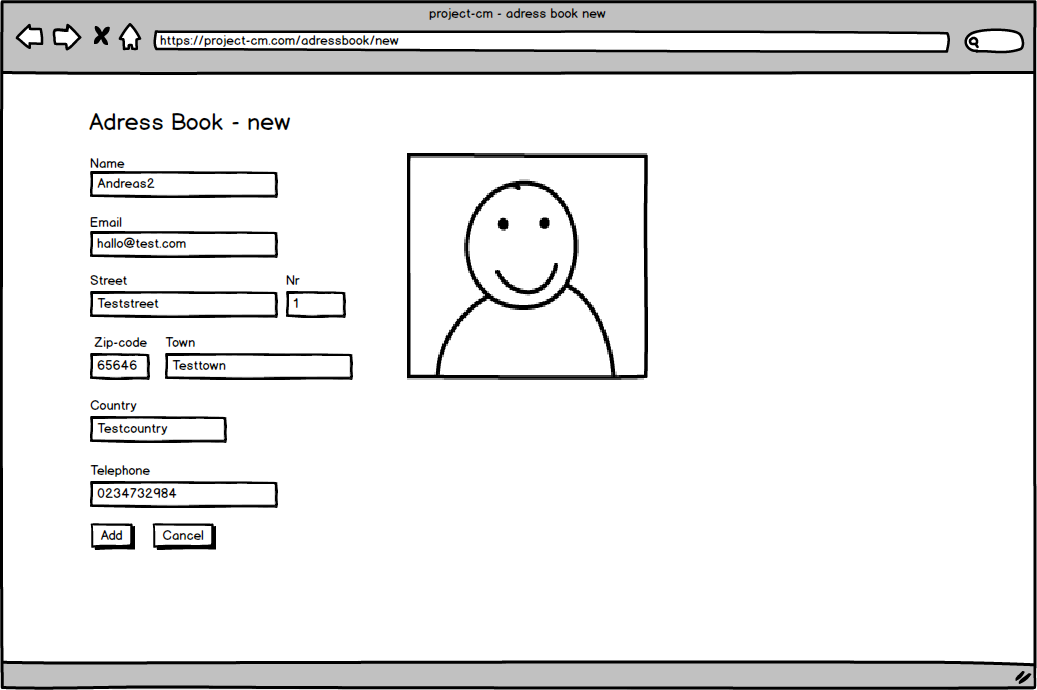


## Show single contact

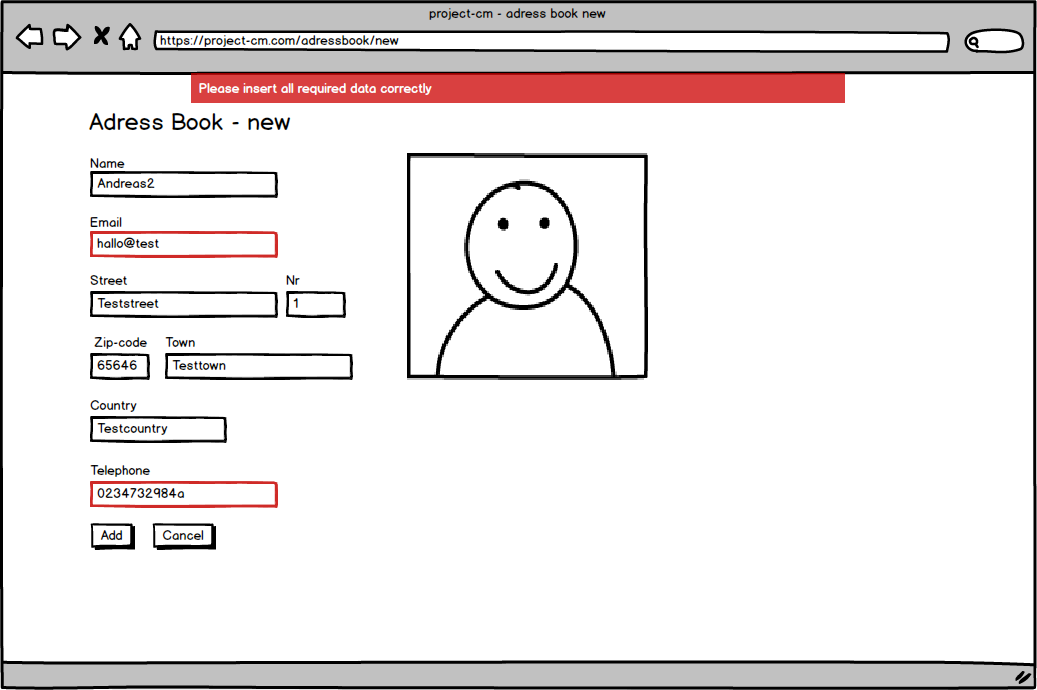


## Create new contact

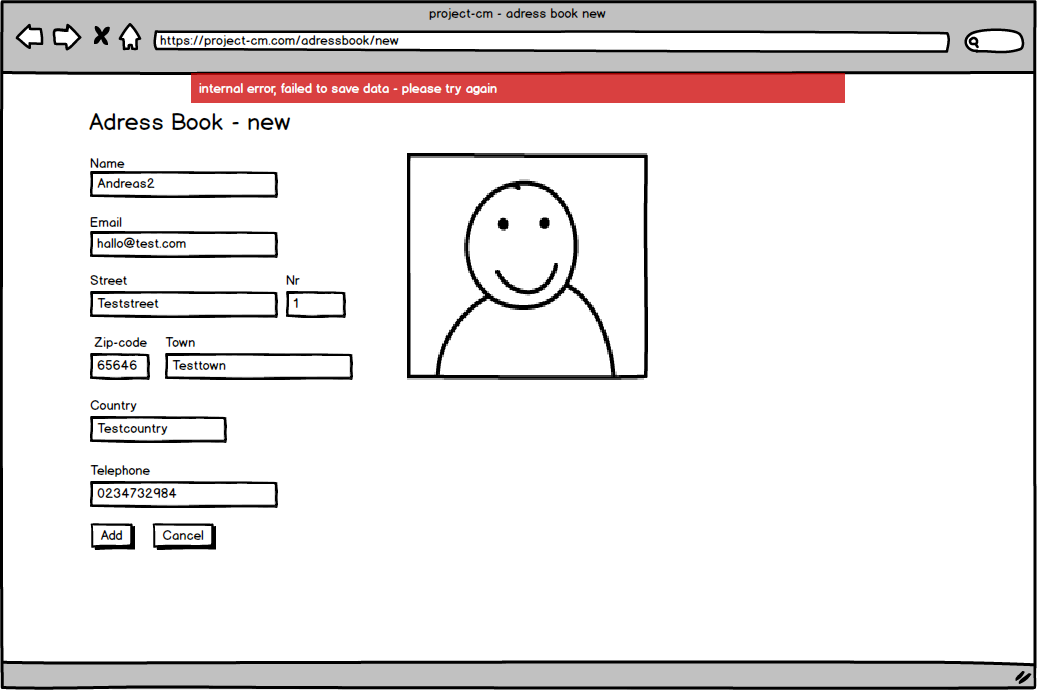
### Insert data view



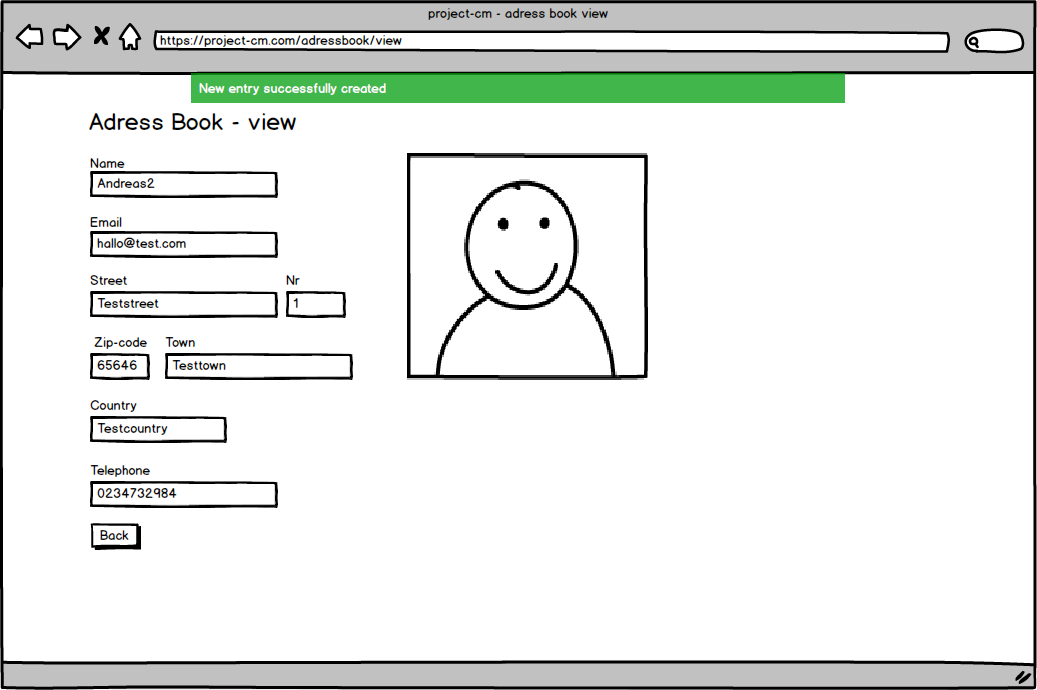
### Error: Data not correct



### Error: Data save failed

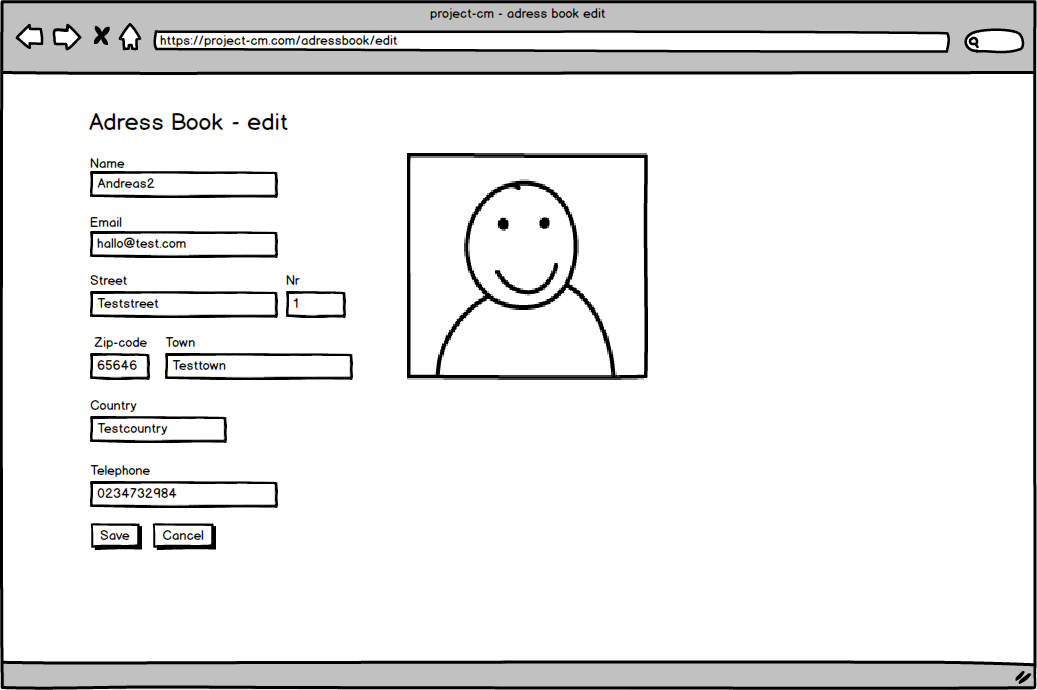


### Success: Data stored

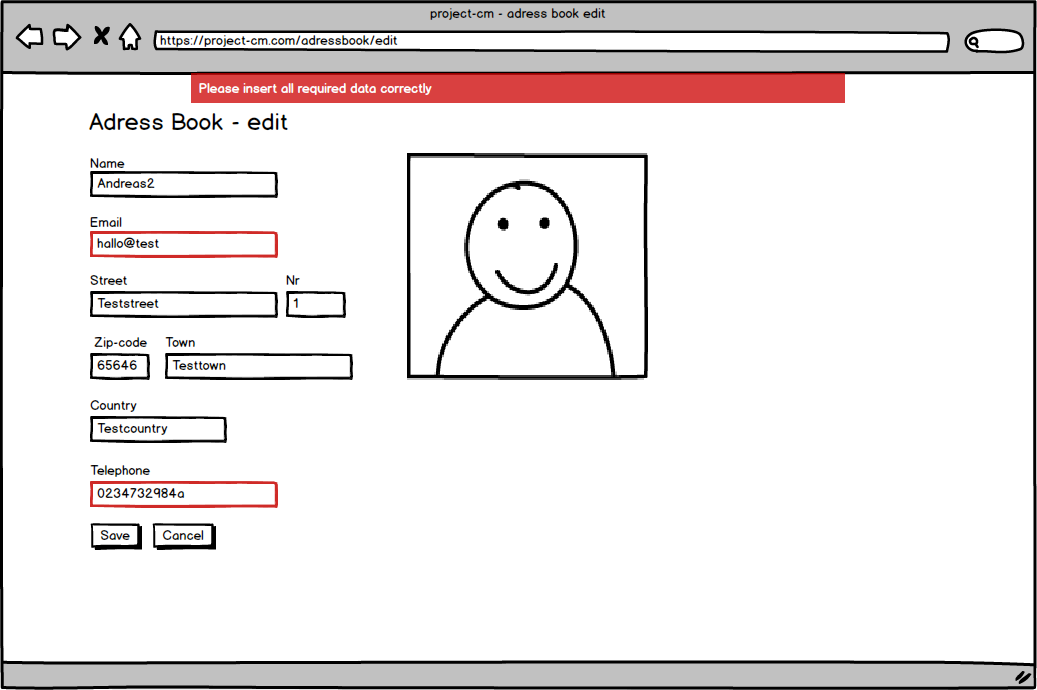


## Edit contact

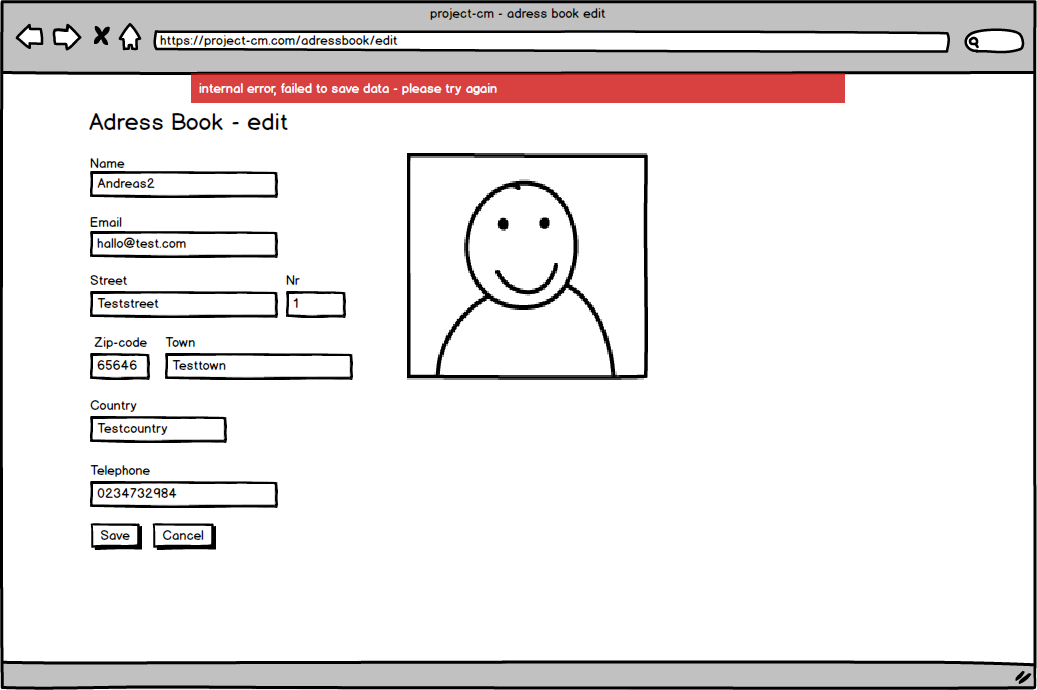
### Insert data view



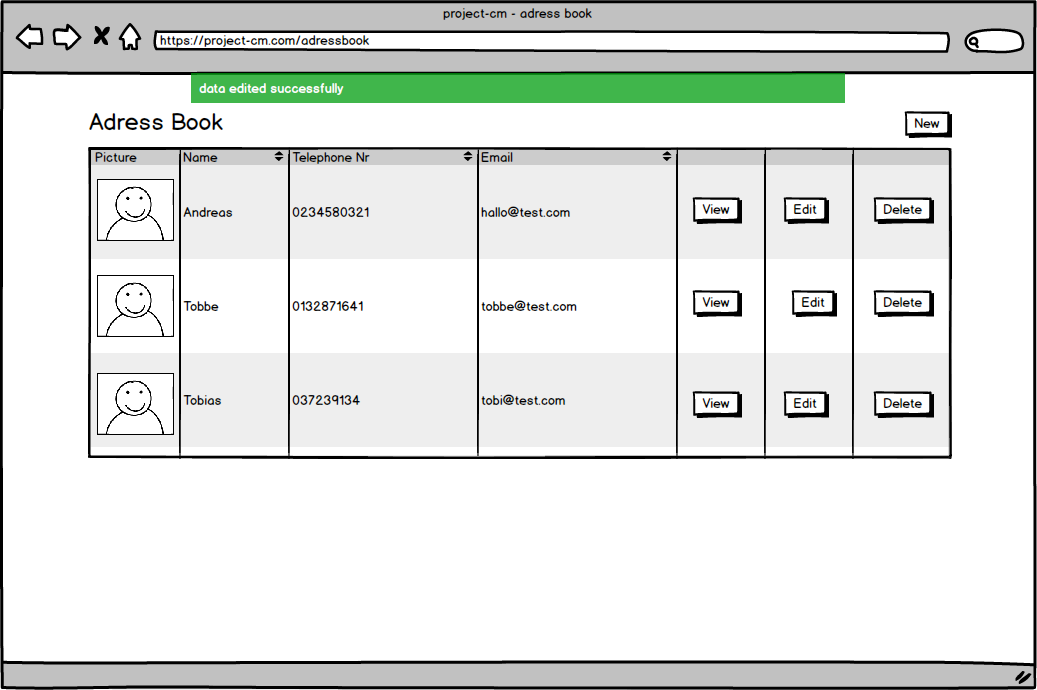
### Error: Data not correct



### Error: Data save failed

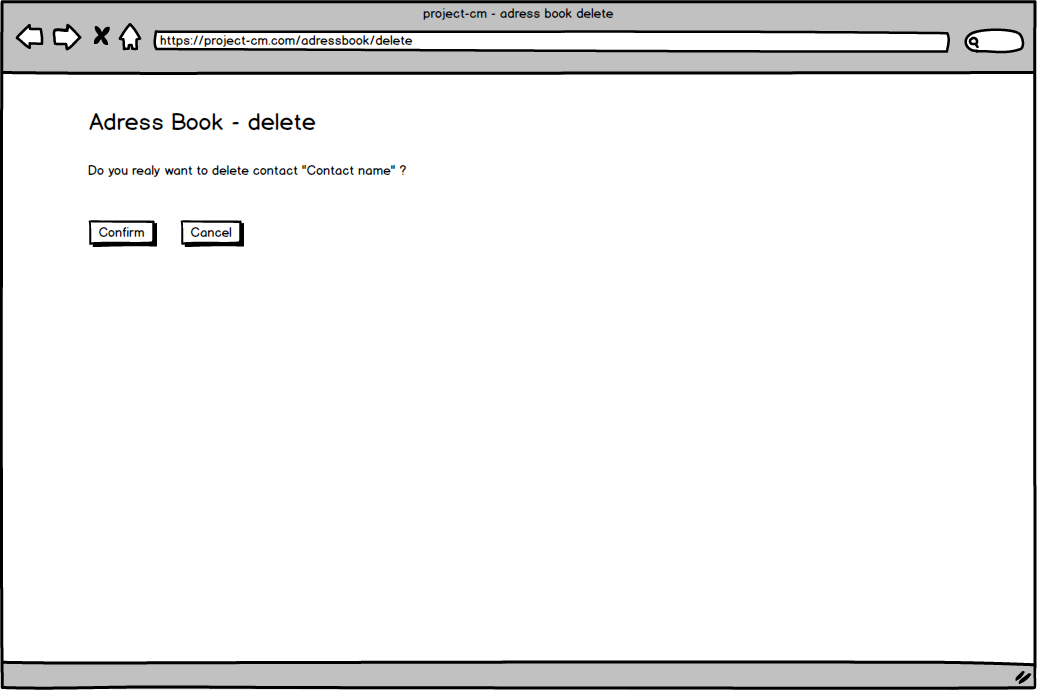


### Success: Data stored

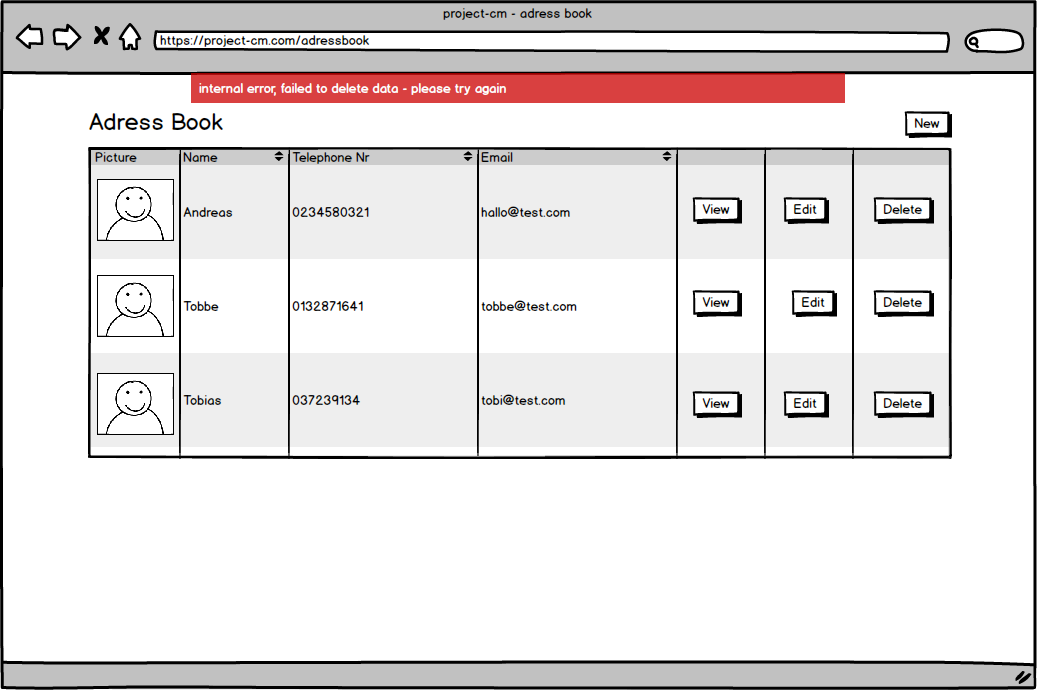


## Delete contact

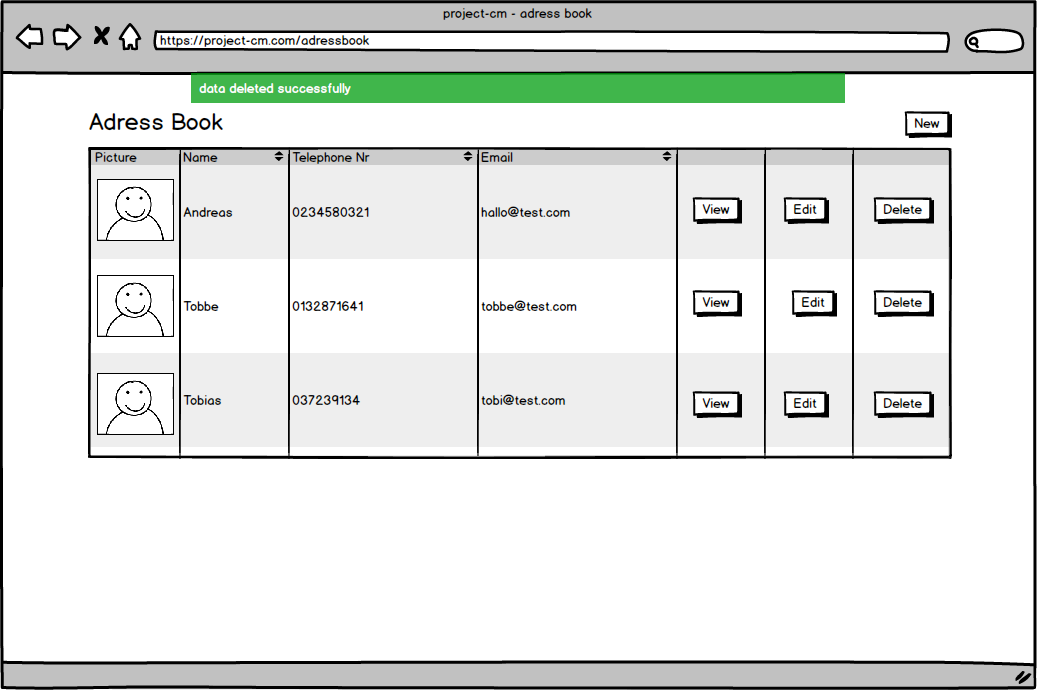
### Confirm view



### Error: Deletion failed



### Success: Data deleted



# Function Points

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

