

---

# **Storm Cloud Development**

---

**Project CM**  
**UC: Manage address book**

**Version 1.1**

Project CM	Version: 1.1
UC: Manage address book	Date: 22/Oct/2013

## 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 Cucumber code Added Mockups	Storm Cloud development

Project CM	Version: 1.1
UC: Manage address book	Date: 22/Oct/2013

## Table of Contents

1. Use-Case manage address book	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 contacts (List View)	5
2.2.2 Show single contact (View Single)	6
2.2.3 Create new contact (Create)	7
2.2.4 Edit contact (Edit)	8
2.2.5 Delete contact (Delete)	9
3. Special Requirements	10
4. Preconditions	10
4.1 Rights	10
4.2 Database	10
5. Postconditions	10
5.1 Database	10
6. Extension Points	10
7. Cucumber test scenario	10
8. Mockups	11
8.1 Show all contacts	11
8.2 Show single contact	11
8.3 Create new contact	12
8.3.1 Insert data view	12
8.3.2 Error: Data not correct	12
8.3.3 Error: Data save failed	13
8.3.4 Success: Data stored	13
8.4 Edit contact	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 contact	16
8.5.1 Confirm view	16
8.5.2 Error: Deletion failed	16
8.5.3 Success: Data deleted	17

Project CM	Version: 1.1
UC: Manage address book	Date: 22/Oct/2013

## UC: Manage address book

### 1. Use-Case manage address book

#### 1.1 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 manage the address book means create, read, update and delete contacts in this address book.

#### 1.2 Stored data

##### 1.2.1 Overview

Name	Auto-assigned	Unique	Mandatory	Modifiable
Id	Yes	Yes	Yes	No
Name	No	No	Yes	Yes
Picture	No	No	No	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

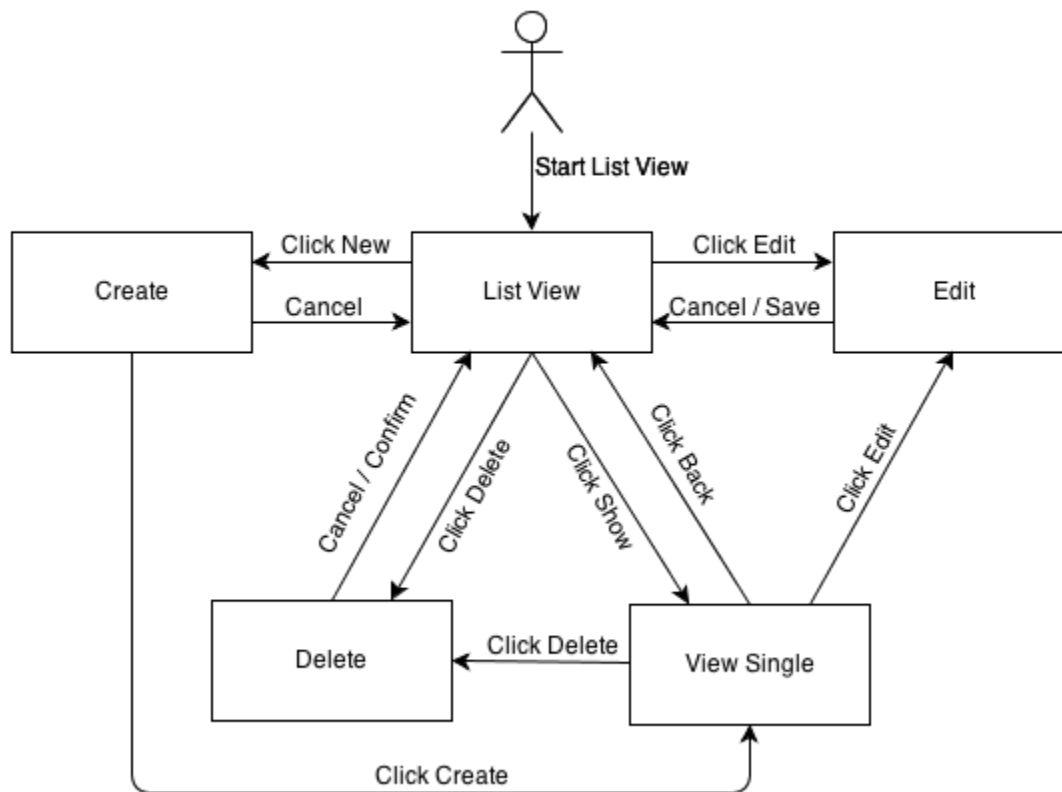
##### 1.2.2 Description

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 and a picture. 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.

Project CM	Version: 1.1
UC: Manage address book	Date: 22/Oct/2013

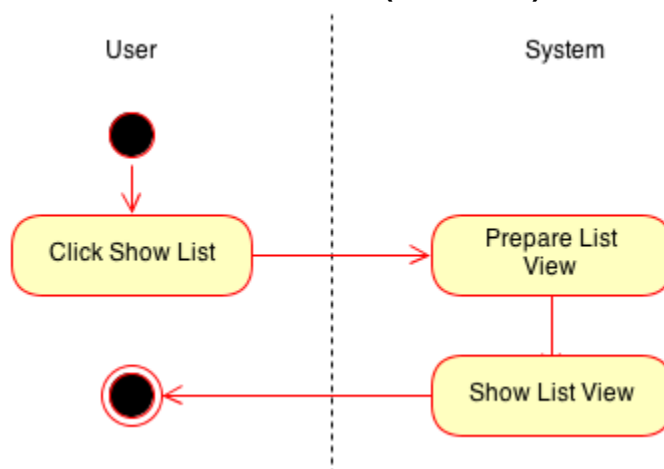
## 2. Flow of Events

### 2.1 Screen Flow



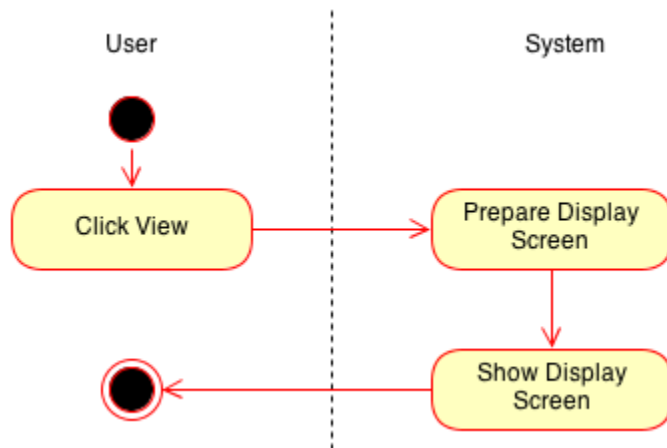
### 2.2 Use Case Flows

#### 2.2.1 Show all contacts (List View)



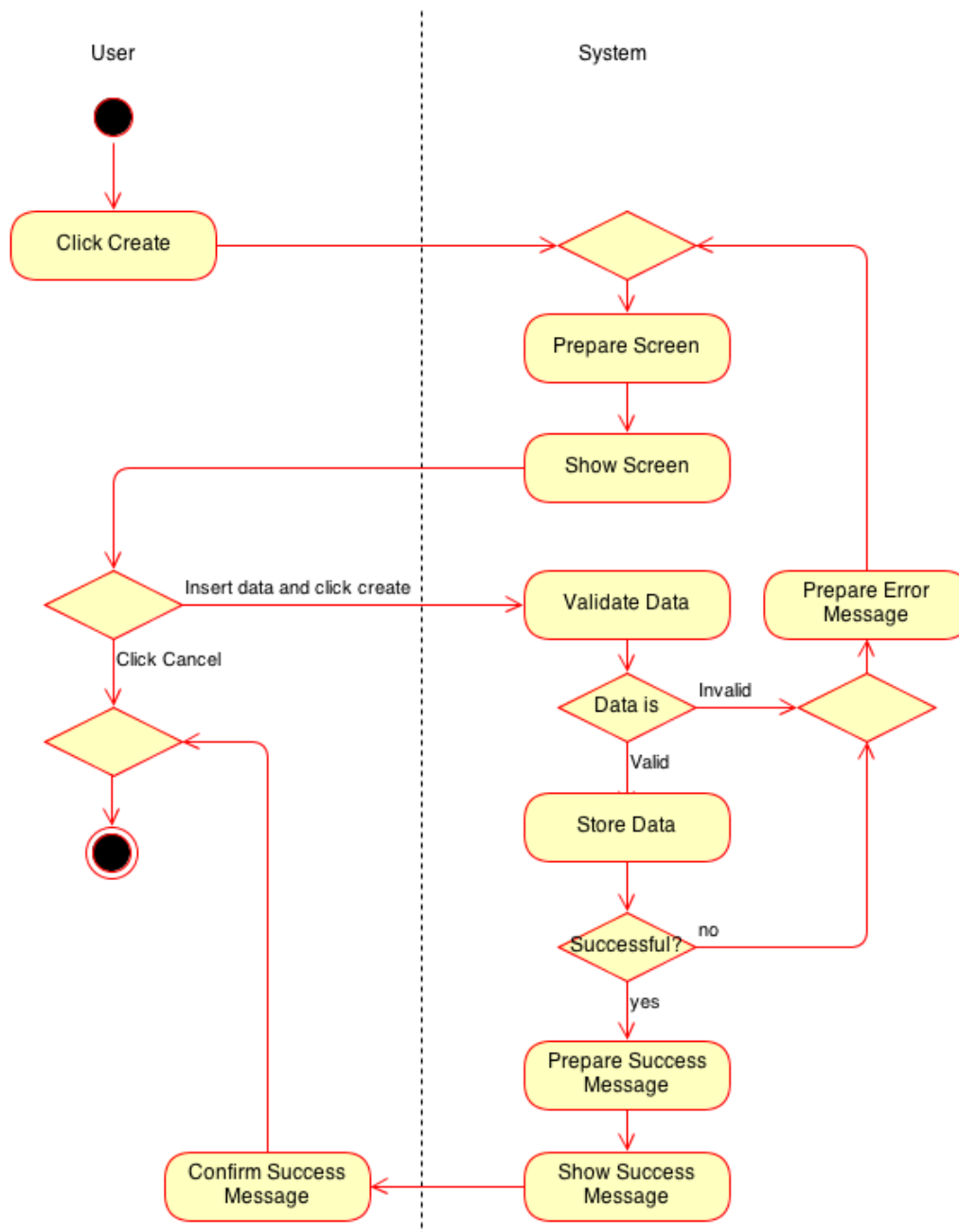
Project CM	Version: 1.1
UC: Manage address book	Date: 22/Oct/2013

### 2.2.2 Show single contact (View Single)



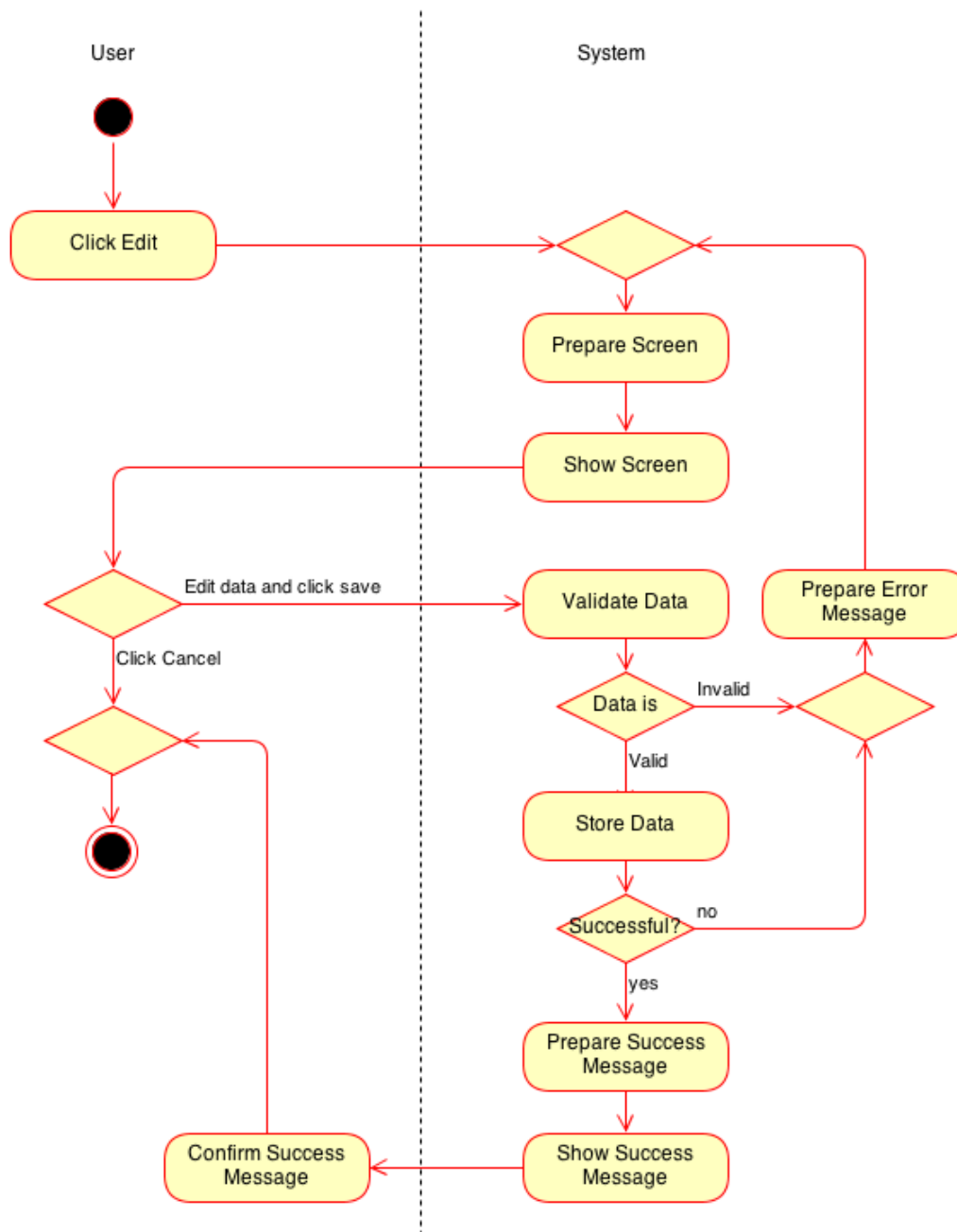
Project CM	Version: 1.1
UC: Manage address book	Date: 22/Oct/2013

### 2.2.3 Create new contact (Create)



Project CM	Version: 1.1
UC: Manage address book	Date: 22/Oct/2013

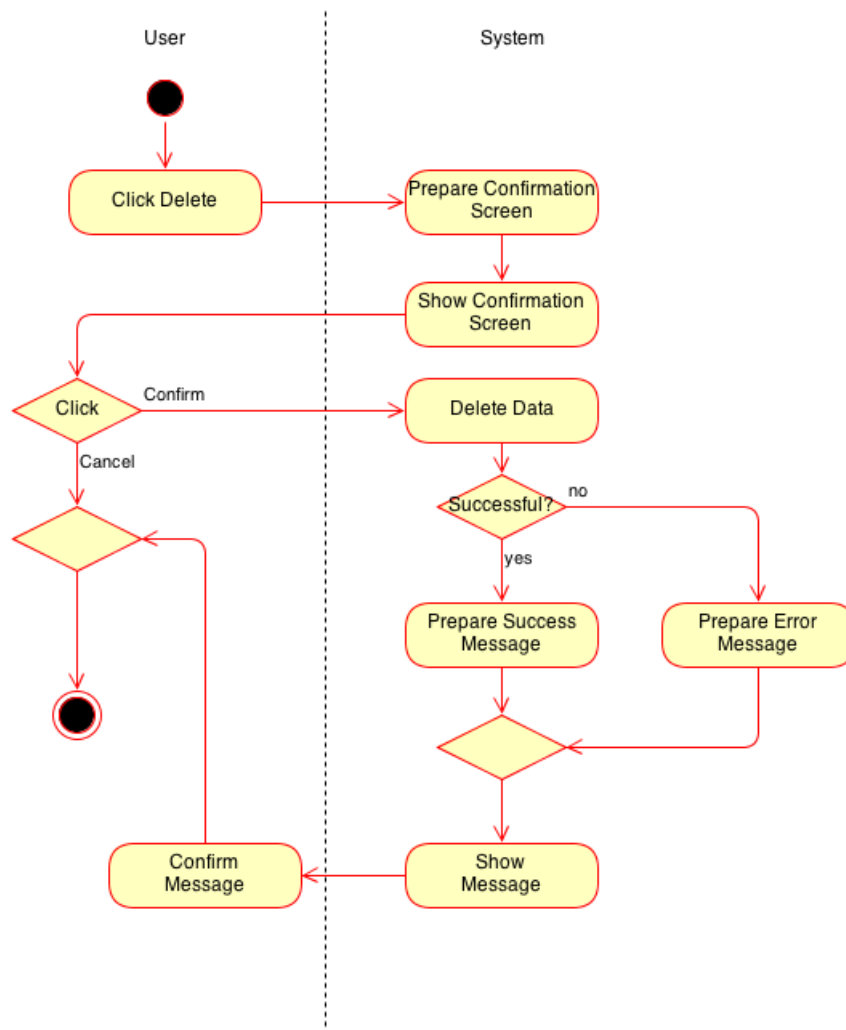
## 2.2.4 Edit contact (Edit)





Project CM	Version: 1.1
UC: Manage address book	Date: 22/Oct/2013

## 2.2.5 Delete contact (Delete)



Project CM	Version: 1.1
UC: Manage address book	Date: 22/Oct/2013

### 3. Special Requirements

n/a

### 4. Preconditions

#### 4.1 Rights

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

#### 4.2 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.

### 5. Postconditions

#### 5.1 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.

### 6. Extension Points

n/a

### 7. Cucumber test scenario

Feature: manage address book

As an user

I want to manage my address book

So that I can write E-Mails to my contacts or other people

Scenario: 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 upload a profile picture for the contact

And I click "create"

Then I should see a confirmation message

Scenario: 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 I should see a confirmation message

Project CM	Version: 1.1
UC: Manage address book	Date: 22/Oct/2013

## 8. Mockups

### 8.1 Show all contacts

Picture	Name	Telephone Nr	Email			
	Andreas	0234580321	hallo@test.com	View	Edit	Delete
	Tobbe	0132871641	tobbe@test.com	View	Edit	Delete
	Tobias	037239134	tobi@test.com	View	Edit	Delete

### 8.2 Show single contact

Adress Book - view

Name:

Email:

Street:  Nr:

Zip-code:  Town:

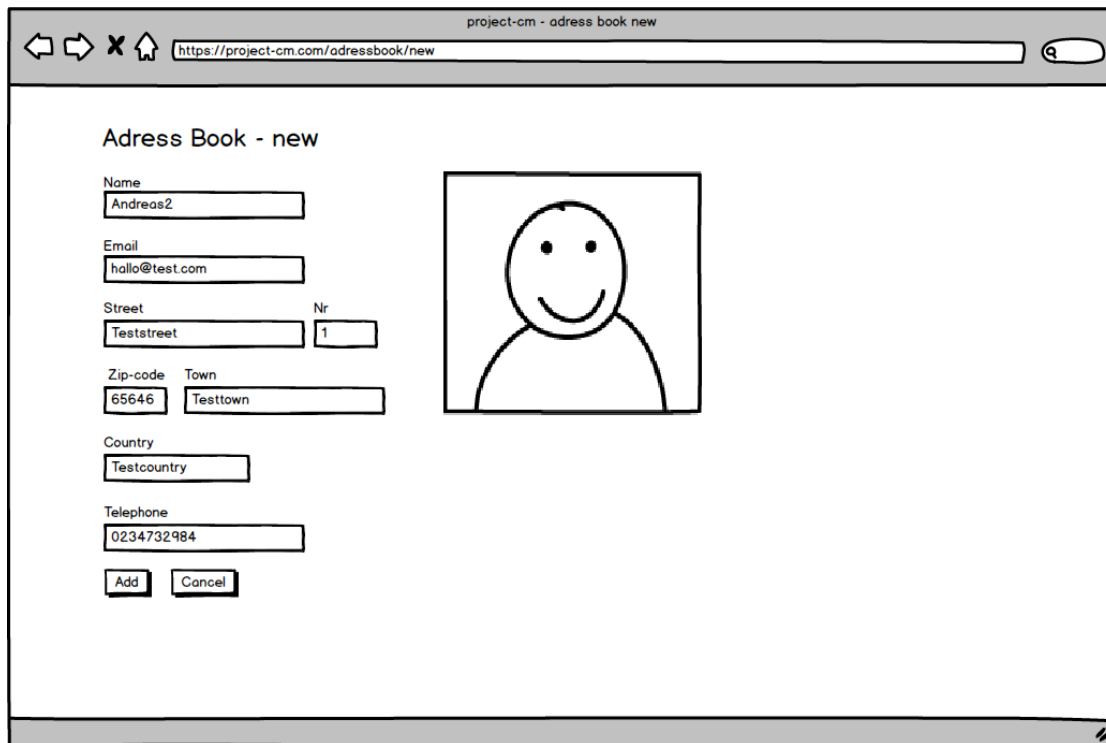
Country:

Telephone:

Project CM	Version: 1.1
UC: Manage address book	Date: 22/Oct/2013

## 8.3 Create new contact

### 8.3.1 Insert data view



project-cm - adress book new

https://project-cm.com/adressbook/new

### Adress Book - new

Name:

Email:

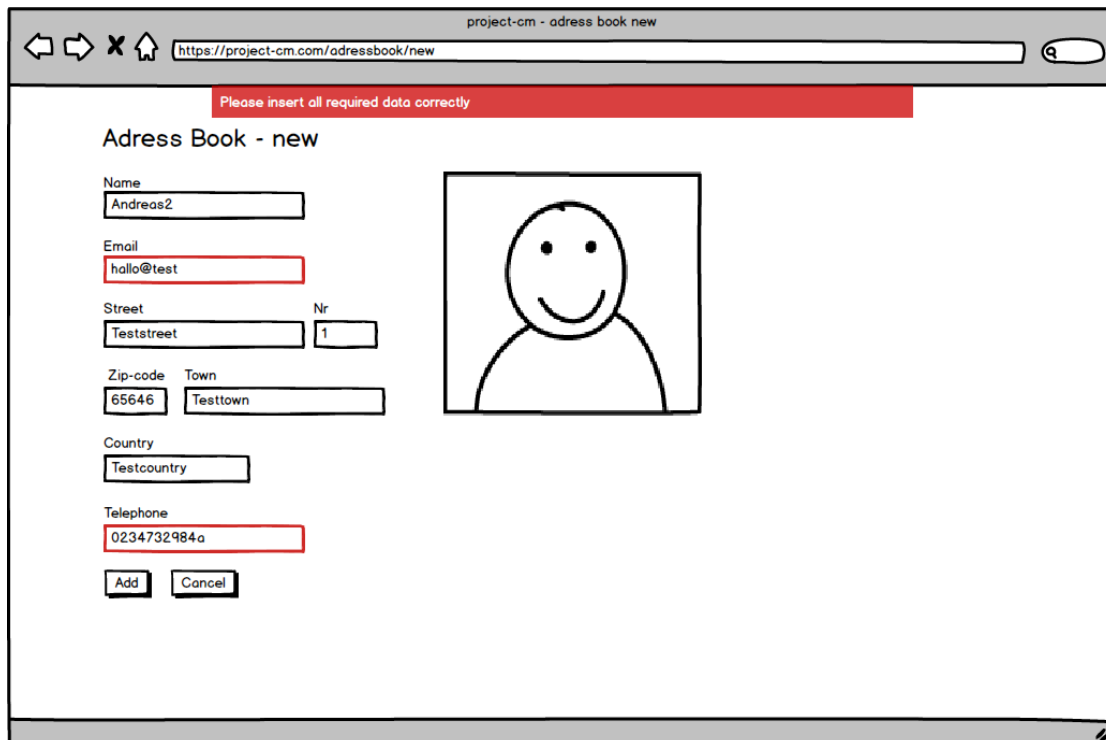
Street:  Nr:

Zip-code:  Town:

Country:

Telephone:

### 8.3.2 Error: Data not correct



project-cm - adress book new

https://project-cm.com/adressbook/new

Please insert all required data correctly

### Adress Book - new

Name:

Email:

Street:  Nr:

Zip-code:  Town:

Country:

Telephone:

Project CM	Version: 1.1
UC: Manage address book	Date: 22/Oct/2013

### 8.3.3 Error: Data save failed

project-cm - adress book new

https://project-cm.com/adressbook/new

internal error, failed to save data - please try again

Adress Book - new

Name  
Andreas2

Email  
hallo@test.com

Street  
Teststreet

Nr  
1

Zip-code  
65646

Town  
Testtown

Country  
Testcountry

Telephone  
0234732984

Add Cancel

### 8.3.4 Success: Data stored

project-cm - adress book view

https://project-cm.com/adressbook/view

New entry successfully created

Adress Book - view

Name  
Andreas2

Email  
hallo@test.com

Street  
Teststreet

Nr  
1

Zip-code  
65646

Town  
Testtown

Country  
Testcountry

Telephone  
0234732984

Back

Project CM	Version: 1.1
UC: Manage address book	Date: 22/Oct/2013

## 8.4 Edit contact

### 8.4.1 Insert data view

The screenshot shows a web browser window with the address bar displaying 'https://project-cm.com/adressbook/edit'. The page title is 'Adress Book - edit'. The form contains the following fields and values:

- Name:
- Email:
- Street:  Nr:
- Zip-code:  Town:
- Country:
- Telephone:

At the bottom of the form are two buttons: 'Save' and 'Cancel'. To the right of the form is a placeholder for a profile picture, represented by a simple line drawing of a person's head and shoulders.

### 8.4.2 Error: Data not correct

The screenshot shows the same web browser window as in the previous image, but with an error message displayed at the top of the form area: 'Please insert all required data correctly'. The form fields and values are the same as in the previous image, but the 'Email' field (

Project CM	Version: 1.1
UC: Manage address book	Date: 22/Oct/2013

### 8.4.3 Error: Data save failed

project-cm - adress book edit

https://project-cm.com/adressbook/edit

internal error, failed to save data - please try again

#### Adress Book - edit

Name:

Email:

Street:  Nr:

Zip-code:  Town:

Country:

Telephone:

### 8.4.4 Success: Data stored

project-cm - adress book

https://project-cm.com/adressbook

data edited successfully

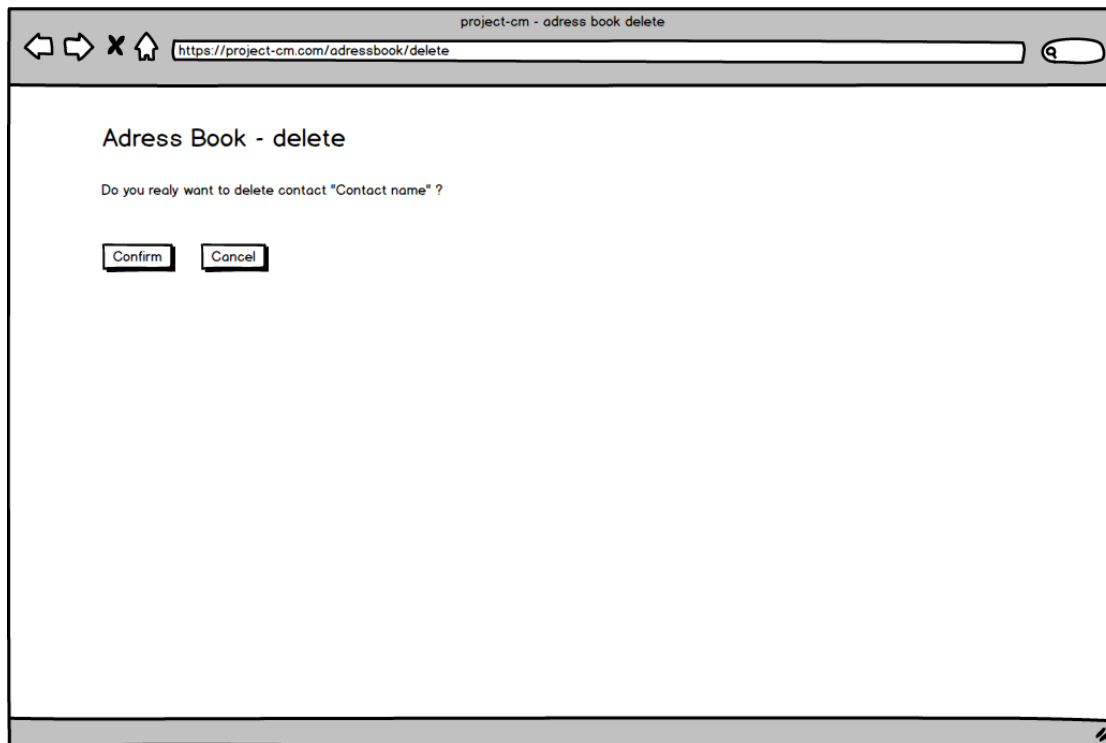
#### Adress Book

Picture	Name	Telephone Nr	Email			
	Andreas	0234580321	hallo@test.com	<input type="button" value="View"/>	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
	Tobbe	0132871641	tobbe@test.com	<input type="button" value="View"/>	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
	Tobias	037239134	tobi@test.com	<input type="button" value="View"/>	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>

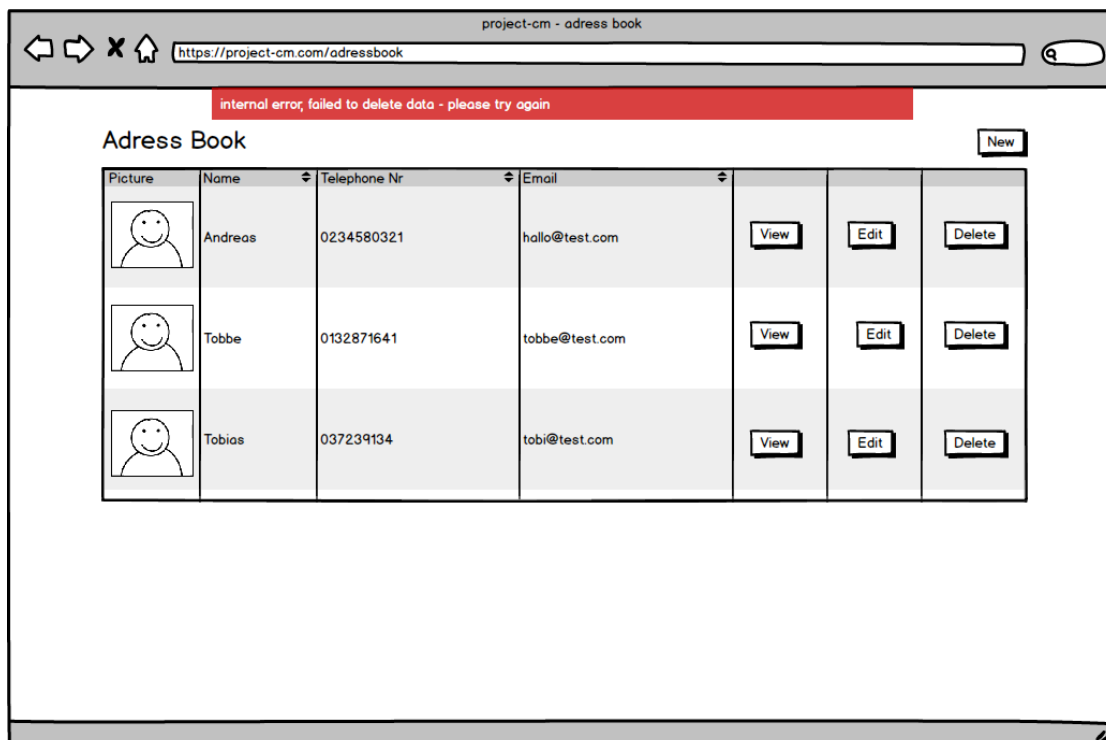
Project CM	Version: 1.1
UC: Manage address book	Date: 22/Oct/2013

## 8.5 Delete contact

### 8.5.1 Confirm view



### 8.5.2 Error: Deletion failed





Project CM	Version: 1.1
UC: Manage address book	Date: 22/Oct/2013

### 8.5.3 Success: Data deleted




project-cm - adress book

[←](#)
[→](#)
[✕](#)
[🏠](#)

data deleted successfully

Adress Book

New

Picture	Name	Telephone Nr	Email			
	Andreas	0234580321	hallo@test.com	<input type="button" value="View"/>	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
	Tobbe	0132871641	tobbe@test.com	<input type="button" value="View"/>	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
	Tobias	037239134	tobi@test.com	<input type="button" value="View"/>	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>