Storm Cloud Development

Project CM
UC: Manage address book

Version 1.1

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

Table of Contents

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 mange 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.

2. Flow of Events

2.1 Screen Flow
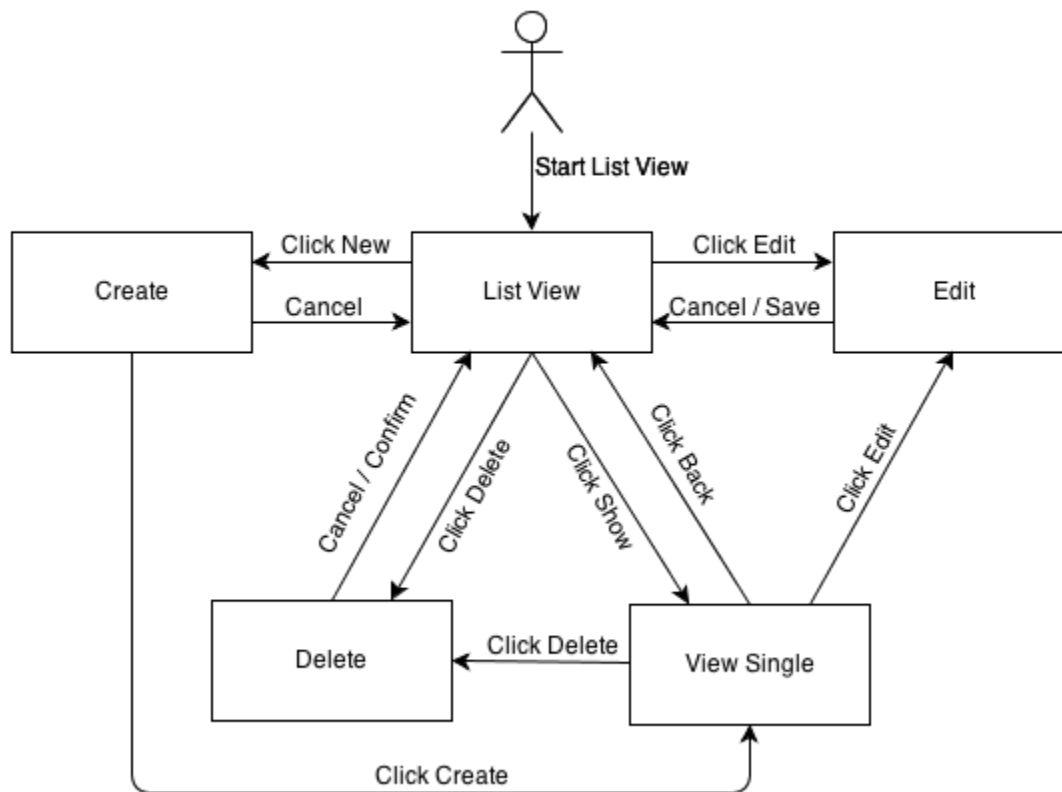
2.2 Use Case Flows

2.2.1 Show all contacts (List View)
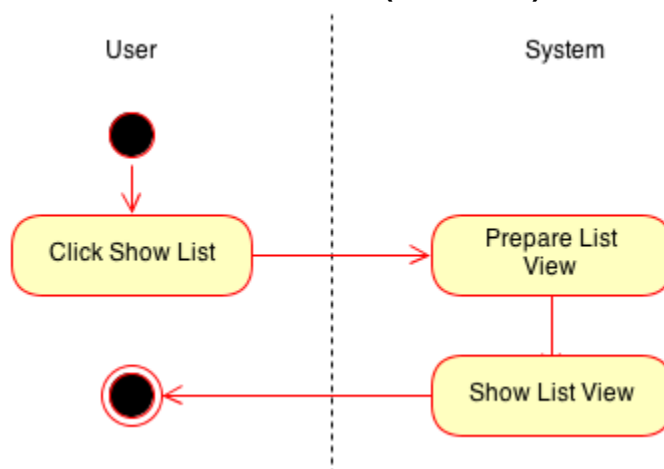
2.2.2 Show single contact (View Single)
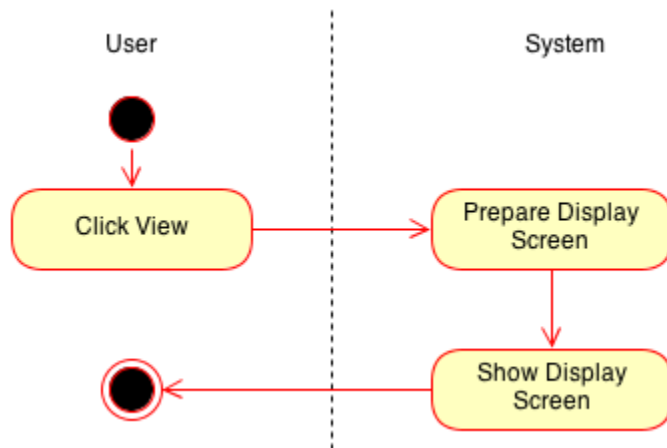
2.2.3 Create new contact (Create)
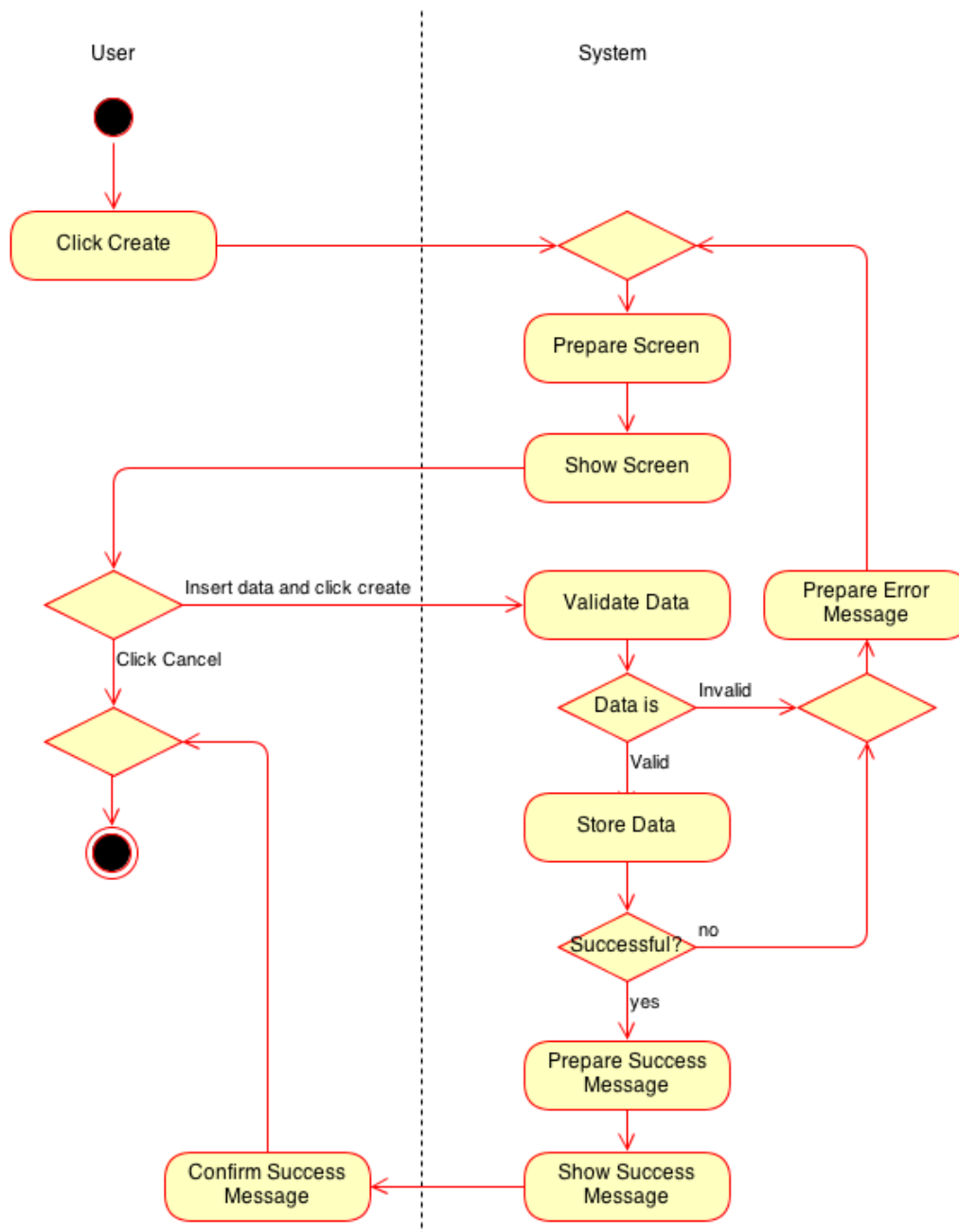
2.2.4 Edit contact (Edit)
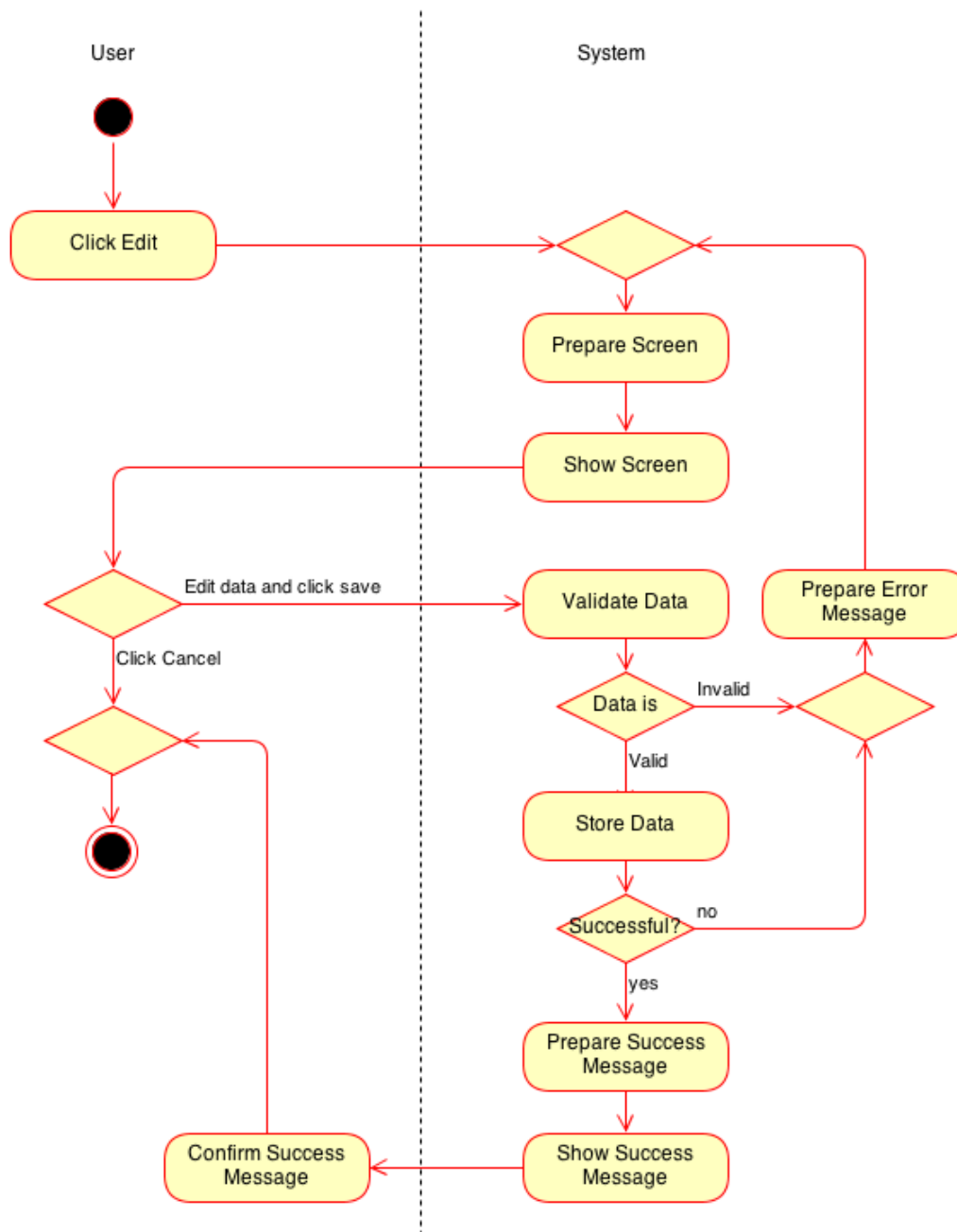
2.2.5 Delete contact (Delete)
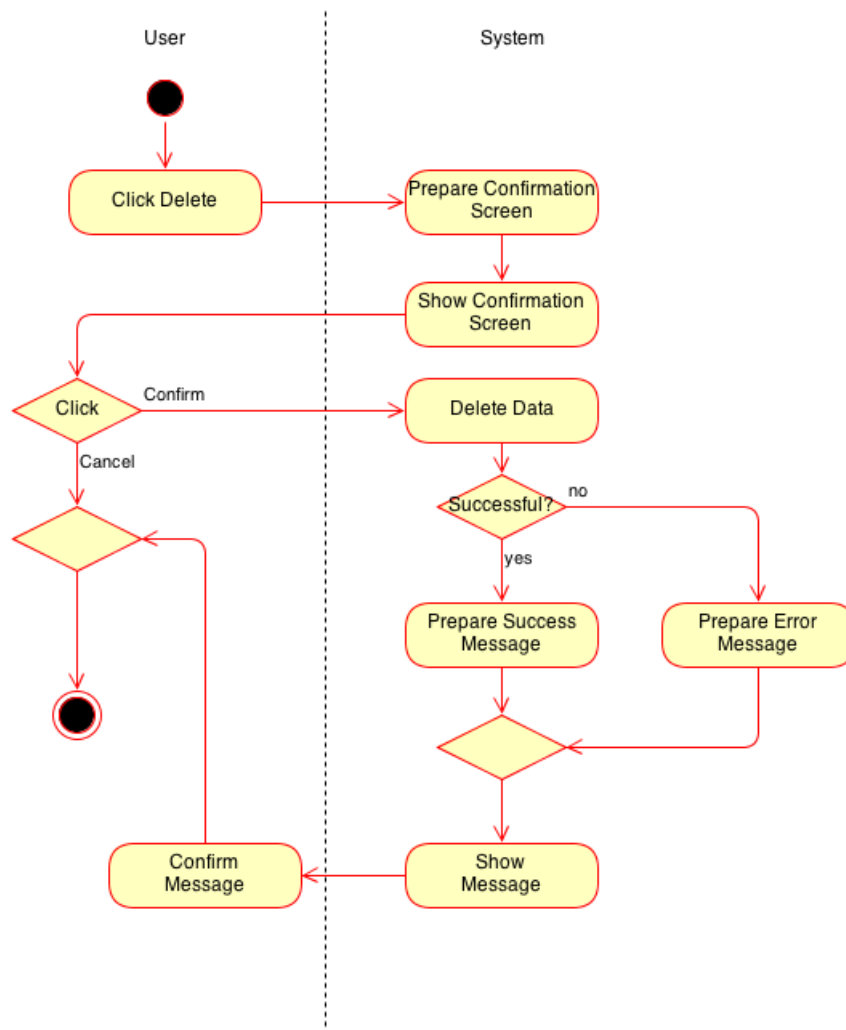
3. Special Requirements

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
```

8.   Mockups

8.1   Show all contacts

8.2   Show single contact
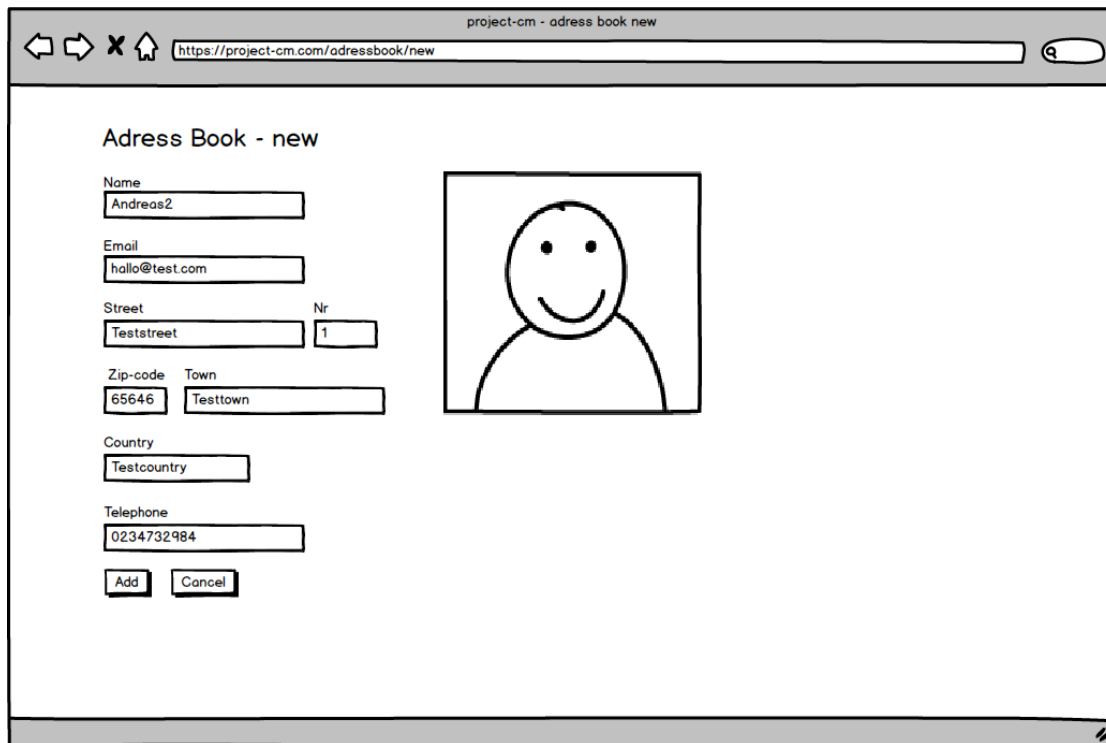
8.3   Create new contact

8.3.1   Insert data view

8.3.2   Error: Data not correct

8.3.3 Error: Data save failed

8.3.4 Success: Data stored

8.4 Edit contact

8.4.1 Insert data view

8.4.2 Error: Data not correct

8.4.3 Error: Data save failed

8.4.4 Success: Data stored

8.5 Delete contact

8.5.1 Confirm view

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

Adress Book - delete

Do you realy want to delete contact "Contact name" ?

[Confirm] [Cancel]
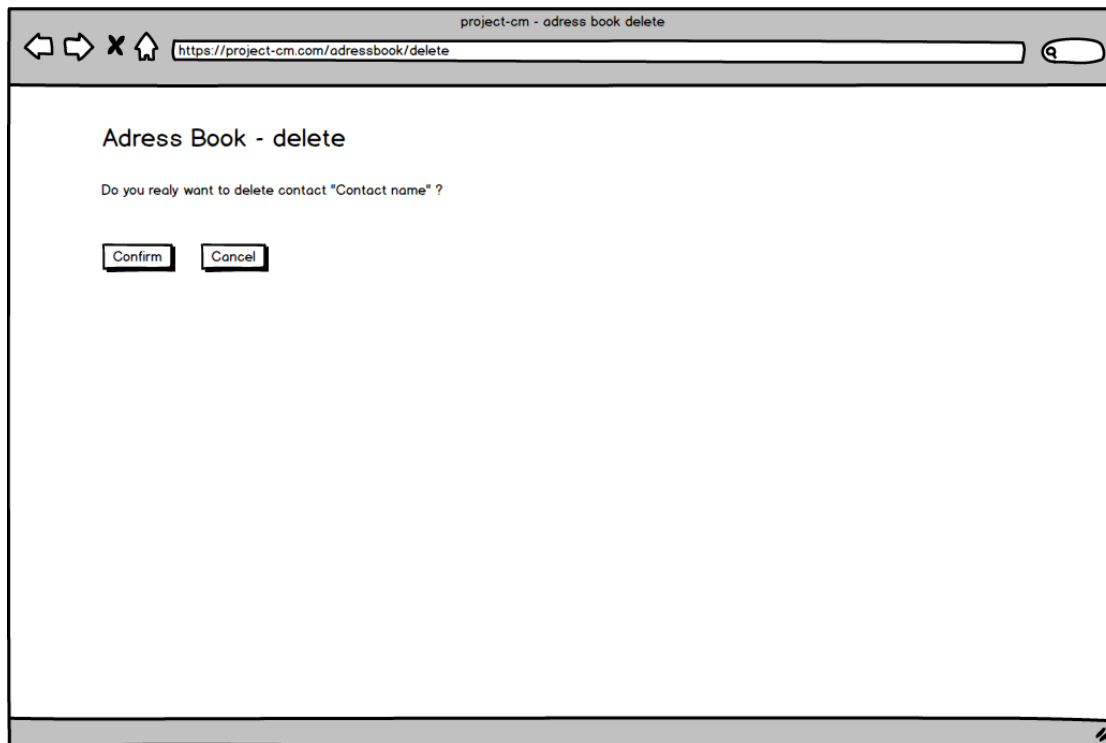
8.5.2 Error: Deletion failed

https://project-cm.com/adressbook

internal error, failed to delete data - please try again

Adress Book   [New]

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]
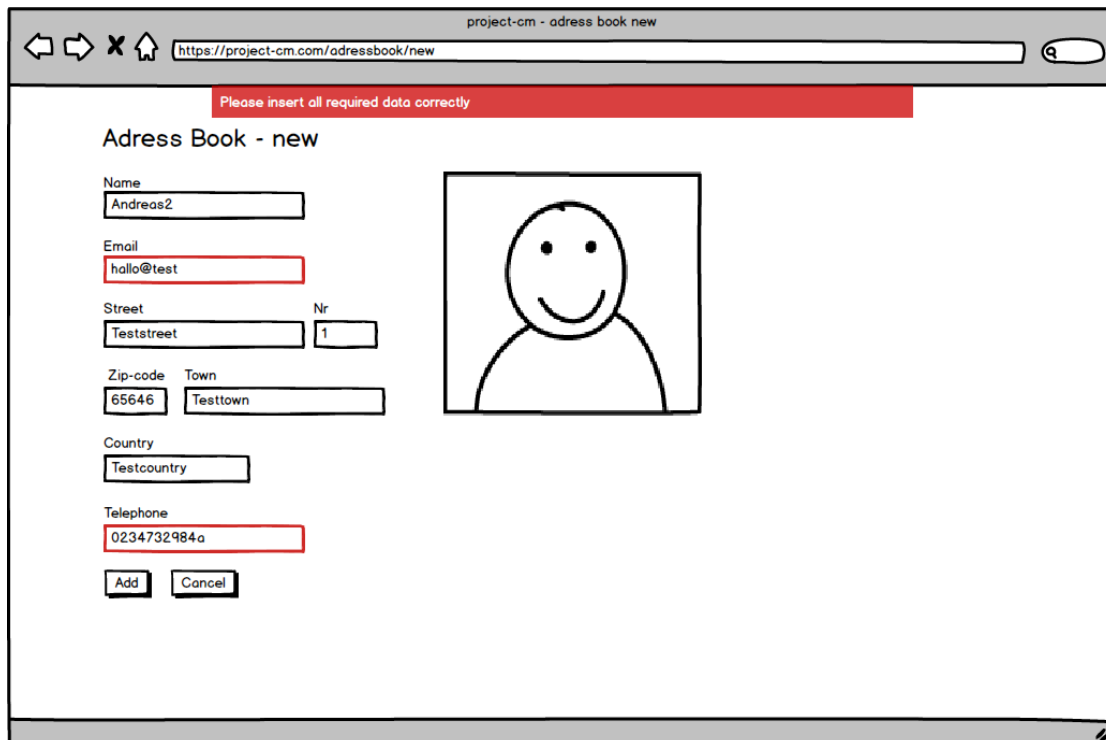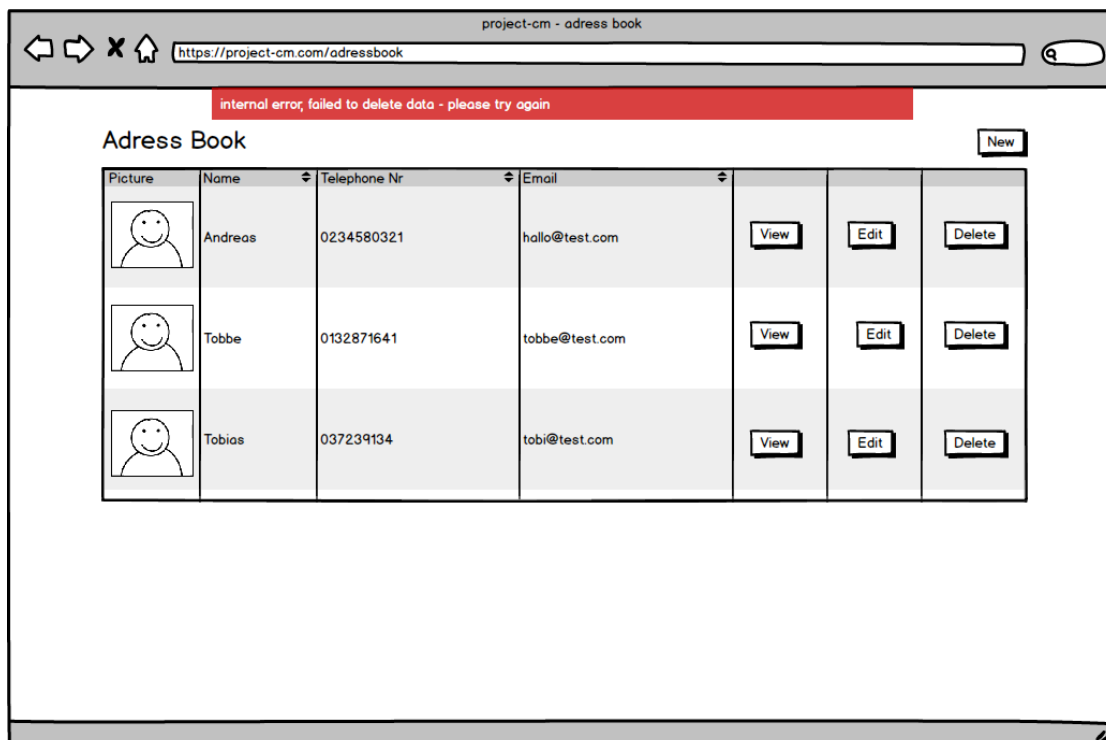
8.5.3 Success: Data deleted

project-cm - adress book

https://project-cm.com/adressbook

data deleted successfully

Adress Book

New

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