
Storm Cloud Development

Project CM
UC: Manage rights

Version 1.2

Project CM	Version: 1.2
UC: Manage rights	Date: 19/Jun/2014

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
19/Jun/2014	1.2	Inserted function points	Storm Cloud Development

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1. Use-Case manage rights

1.1 Brief Description

The use case describes how a admin can change and view settings specified for each user. So it is possible to adjust specific quotas or give users special rights. Also an administrator can block users from using the calendar app or the mail app.

1.2 Stored data

1.2.1 Overview

Name	Auto-assigned	Unique	Mandatory	Modifiable
User	Yes	Yes	Yes	No
Maximum Inbox Size	No	No	No	Yes
Maximum Mail Account Number	No	No	No	Yes
Maximum Calendar Number	No	No	No	Yes
General Admin	No	No	No	Yes

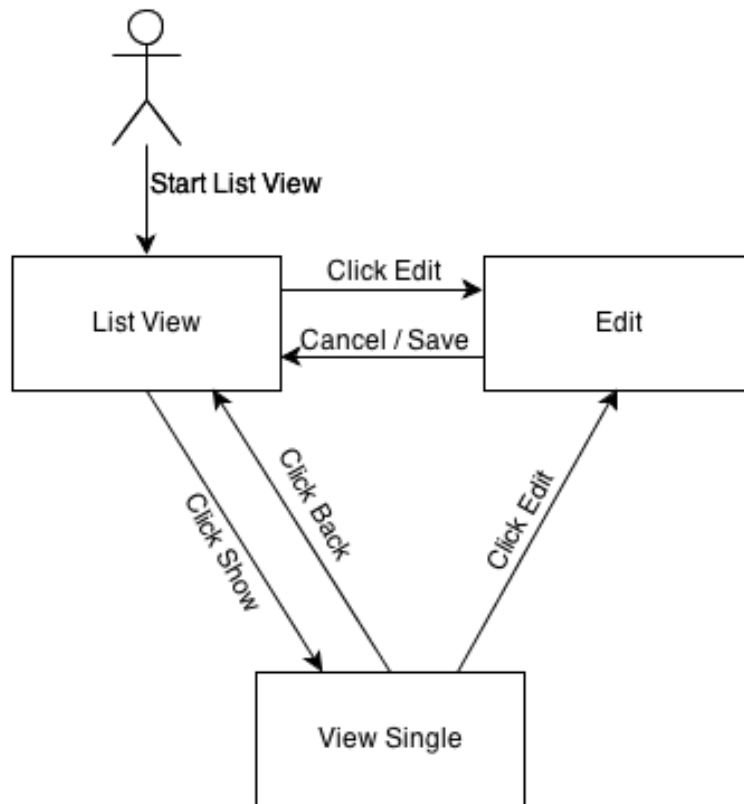
1.2.2 Description

Settings are specific for each user. A administrator can change the mail client settings. So he can limit the inbox size and the mail account number. As mail administrator he can forbid the usage of the mail client. A calendar administrator can limit the number of calendars and he also can forbid the usage of the calendar app. A general administrator can provide other users administrator rights. If a new user registers he is able to use both, mail client and calendar, but he has no limitations.

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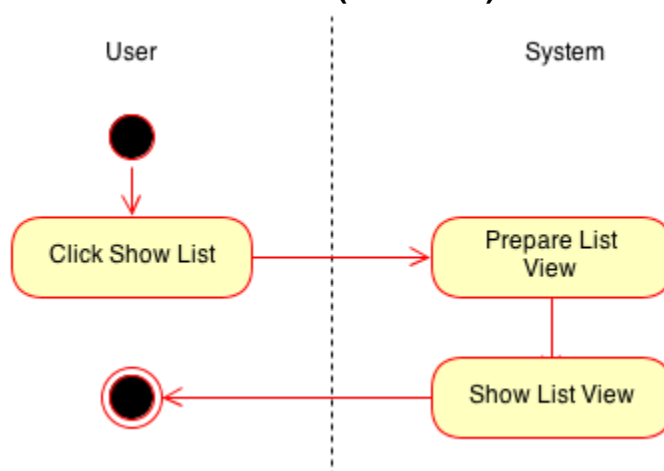
2. Flow of Events

2.1 Screen Flow



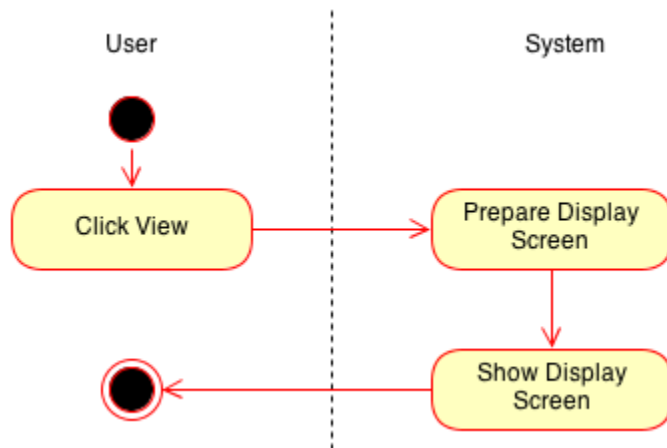
2.2 Use Case Flows

2.2.1 Show all users (List View)



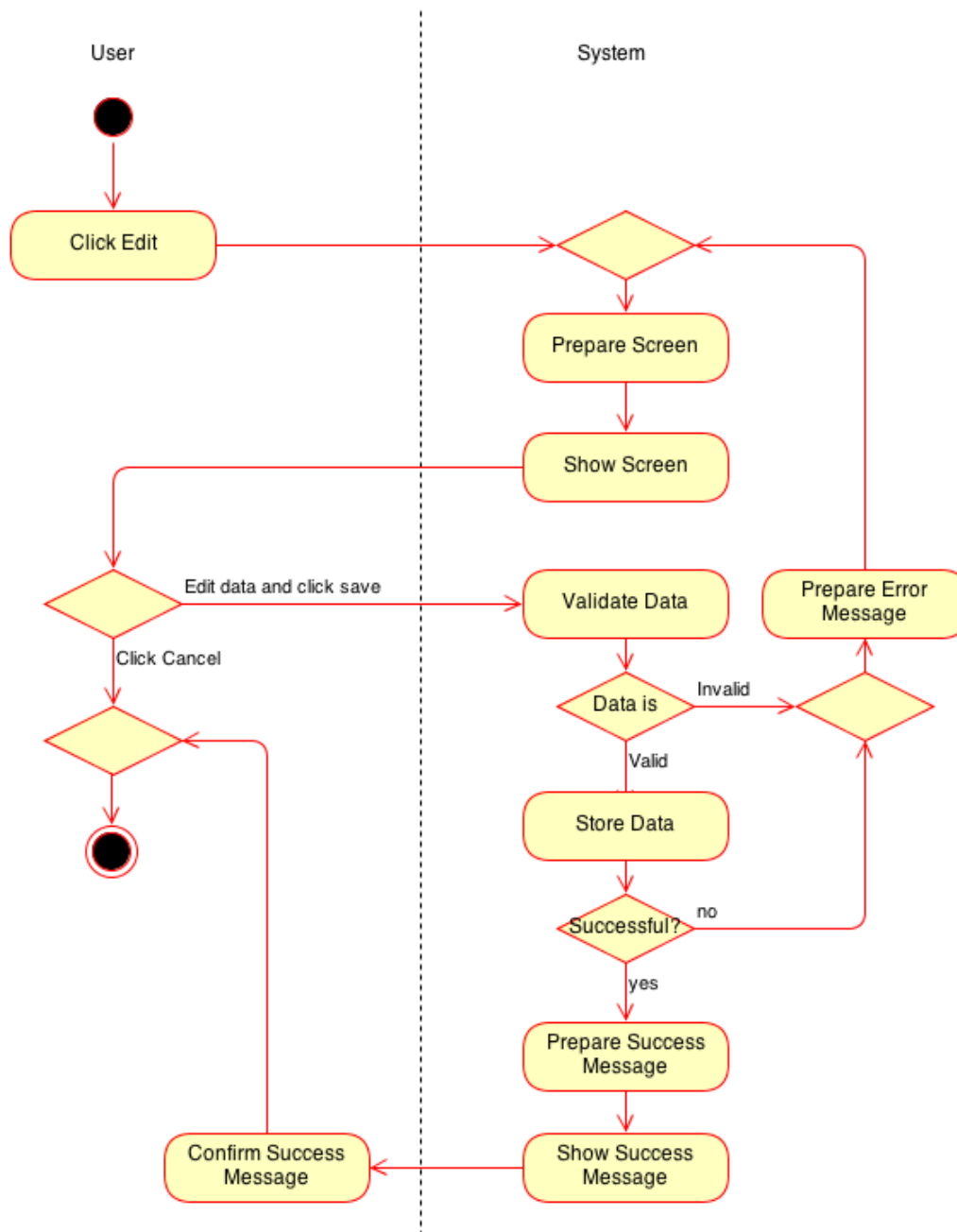
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2.2.2 Show user rights (View Single)



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2.2.3 Edit rights (Edit)



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3. Special Requirements

n/a

4. Preconditions

4.1 Rights

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

5. Postconditions

n/a

6. Extension Points

n/a

7. Selenium test scenario

Scenario 1: set size of inbox for user

```

Given I am logged in
  And I am on the "user list"
  And I clicked "manage rights"
When I type in the new inbox size
  And I click "save"
Then I should see the size of the inbox

```

Scenario 2: set maximum number of mail accounts

```

Given I am logged in
  And I am on the "user list"
  And I clicked "manage rights"
When I type in the new maximum mail account number
  And I click "save"
Then I should see the maximum number of mail accounts

```


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8. Mockups

8.1 Show all users

project-cm rights

https://project-cm.com/rights

Rights

User	Can use mail client	Can use calendar	
Andreas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit rights
Tobbe	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Edit rights
Tobias	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Edit rights

8.2 Show user rights

project-cm - view rights

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

Rights - edit

Andreas

Basic

☒ Can use mail client

☒ Can use calendar

Admin

☒ Mail client admin

☐ Calendar admin

☐ General admin

Maximum mail account number

Maximum calendar number

Maximum inbox size

 kb

Back

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8.3 Edit users rights

8.3.1 Insert data view

project-cm - edit rights

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

Rights - edit

Andreas

Basic

☒ Can use mail client

☒ Can use calendar

Admin

☒ Mail client admin

☐ Calendar admin

☐ General admin

Maximum mail account number: 30

Maximum calendar number: 10

Maximum inbox size: 1000 kb

Save Cancel

8.3.2 Error: Data not correct

project-cm - edit rights

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

Please insert all required data correctly

Rights - edit

Andreas

Basic

☒ Can use mail client

☒ Can use calendar

Admin

☒ Mail client admin

☐ Calendar admin

☐ General admin

Maximum mail account number: 30

Maximum calendar number: 10

Maximum inbox size: 1000aa kb

Save Cancel

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8.3.3 Error: Data save failed

project-cm - edit rights

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

internal error, failed to edit data - please try again

Rights - edit

Andreas

Basic

☒ Can use mail client

☒ Can use calendar

Maximum mail account number
30

Maximum inbox size
1000 kb

Admin

☒ Mail client admin

☐ Calendar admin

☐ General admin

Maximum calendar number
10

Save Cancel

8.3.4 Success: Data stored

project-cm rights

https://project-cm.com/rights

data edited successfully

Rights

User	Can use mail client	Can use calendar	
Andreas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit rights
Tobbe	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Edit rights
Tobias	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Edit rights

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9. Function Points

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

	Manage Rights	
Domain Characteristic Table		
Number of User Input	5	Simple
Number of User Outputs	3	Simple
Number of User Inquiries	1	Simple
Number of Files	2	Simple
Number of External Interfaces	1	Simple
Complexity Adjustment Table		
Does the system require reliable backup and recovery?	4	
Are data communications required?	3	
Are there distributed processing functions?	0	
Is performance critical?	1	
Will the system run in an existing, heavily utilized operational environment?	0	
Does the system require on-line data entry?	5	
Does the on-line data entry require the input transaction to be built over multiple screens or operations?	5	
Are the master files updated on-line?	1	
Are the inputs, outputs, files or inquiries complex?	3	
Is the internal processing complex?	2	
Is the code to be designed reusable?	5	
Are conversion and installation included in the design?	0	
Is the system designed for multiple installations in different organizations?	2	
Is the application designed to facilitate change and ease of use by the user?	0	
Function Points	31,85	