FRM System
FRM System
Use-Case Specification: Create Group

Version 1.2

Revision History

Date	Version	Description	Author
04/06/17	1.0	Creation of Document	Karl Spickermann

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Use-Case Specification: Create Group

1. Register

2. 1.1 Brief Description

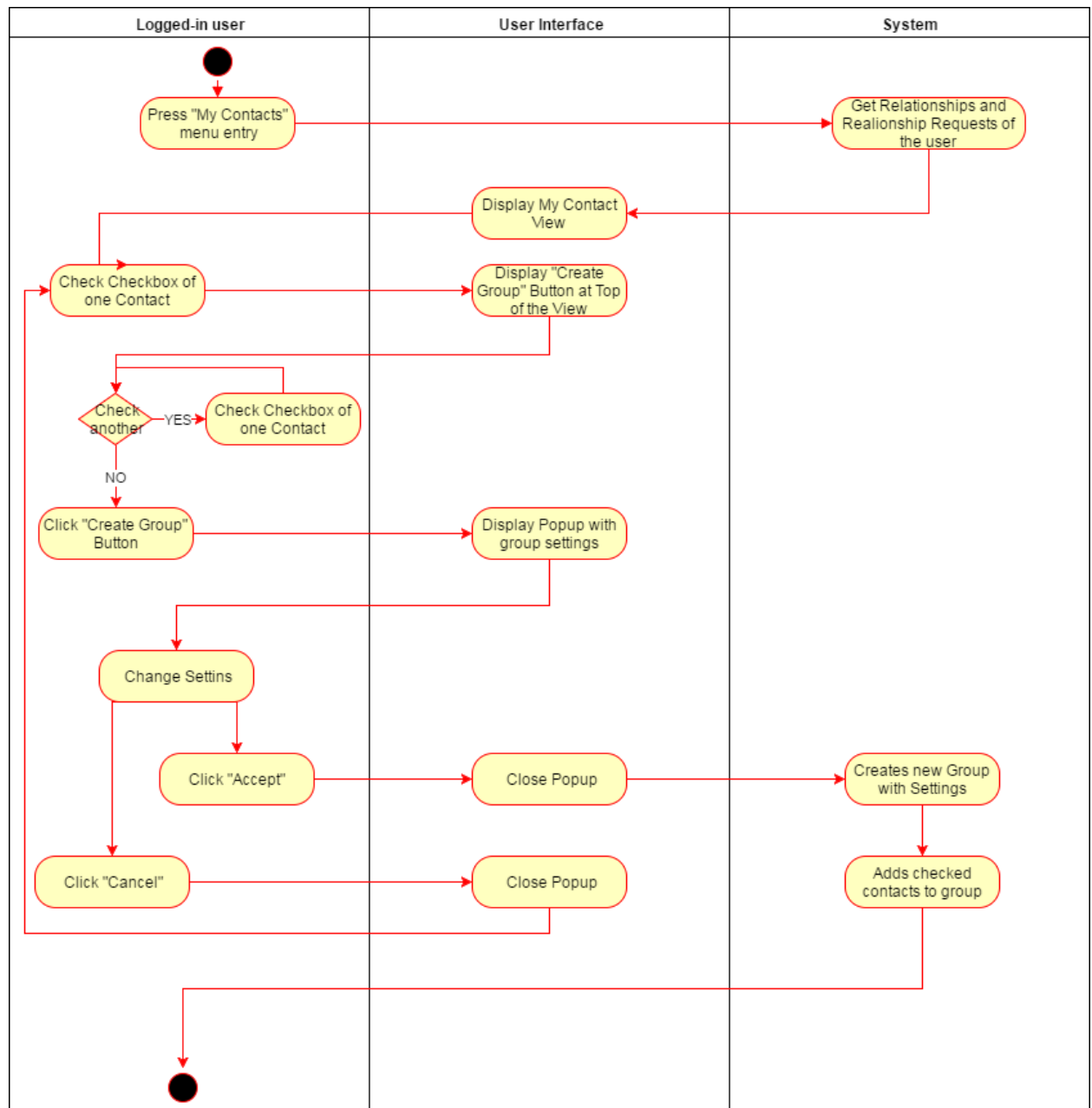The purpose of this use case is to enable users to create new groups.

1. Basic Flow

Any user on the website will be able to click the "My Contacts" button on his start page to visit the My Contacts View. Here he/she can find a list of every contact with which he engaged in a relationship. Next to every contact is a checkbox. To create a group the user has to check the checkbox of one or more contacts. If at least one checkbox is clicked a "Create Group" button will be visible at the top of the view.

After clicking the "Create Group" button a popup will appear which asked the user for the settings for the group. The user can configure all settings and click the "Accept" button or he can click "Cancel".

If he clicks Accept the the popup closes and the system creates a new group in the database and adds all contacts which checkboxes were clicked. After that all checkboxes will be automatically unchecked.

If he clicks Cancel the the popup closes.

Logged-in user	User Interface	System

- Press "My Contacts" menu entry
- Get Relationships and Realionship Requests of the user
- Display My Contact View
- Check Checkbox of one Contact
- Display "Create Group" Button at Top of the View
- Check another — YES → Check Checkbox of one Contact
- NO
- Click "Create Group" Button
- Display Popup with group settings
- Change Settins
- Click "Accept"
- Close Popup
- Creates new Group with Settings
- Click "Cancel"
- Close Popup
- Adds checked contacts to group

Domain Characteristic Table

MEASUREMENT PARAMETER	COUNT (value >= 0)	WEIGHTING FACTOR		
		Simple	Average	Complex
Number of User Input	5	◉	○	○
Number of User Outputs	2	◉	○	○
Number of User Inquiries	0	◉	○	○
Number of Files	1	◉	○	○
Number of External Interfaces	0	◉	○	○

Complexity Adjustment Table | FP Calculation

Complexity Adjustment Table

ITEM	COMPLEXITY ADJUSTMENT QUESTIONS	SCALE No Influence 0	1	2	3	4	Essential 5
1	Does the system require reliable backup and recovery?	○	○	○	○	◉	○
2	Are data communications required?	○	○	○	◉	○	○
3	Are there distributed processing functions?	◉	○	○	○	○	○
4	Is performance critical?	○	○	◉	○	○	○
5	Will the system run in an existing, heavily utilized operational environment?	○	○	○	◉	○	○
6	Does the system require on-line data entry?	○	○	○	○	◉	○
7	Does the on-line data entry require the input transaction to be built over multiple screens or operations?	○	○	○	○	◉	○
8	Are the master files updated on-line?	○	○	○	○	◉	○
9	Are the inputs, outputs, files or inquiries complex?	○	○	○	◉	○	○
10	Is the internal processing complex?	○	◉	○	○	○	○
11	Is the code to be designed reusable?	○	◉	○	○	○	○
12	Are conversion and installation included in the design?	○	○	○	○	◉	○
13	Is the system designed for multiple installations in different organizations?	○	◉	○	○	○	○
14	Is the application designed to facilitate change and ease of use by the user?	○	◉	○	○	○	○

Domain Characteristic Table | FP Calculation

Function Points: 30

3.   Special Requirements

4.   Functionality

5.   Usability

6.   Reliability

7.   Performance

8.   SupporViewility

9.   Design Constraints

10.   On-line User Documentation and Help System Requirements

11.   Purchased Components

12. Interfaces

13. Preconditions

14. Logged in on Website

The user must have a user on the FRM system. He has to be logged in and must have been sent friendship requests or/and group invitations from other users of the same FRM system.

15. Postconditions

16. Extension Points