Simple Habits
Use-Case Specification: Manage Alarms (CRUD)

Version 1.1

Revision History

Date	Version	Description	Author
31/10/16	1.0	Initial Creation	Benedikt Bosshammer
13/11/16	1.1	Inserted Feature Files	Benedikt Bosshammer
16.05.2017	1.2	Added Function Points	René Penkert

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Use-Case Specification: Manage Alarms (CRUD)

1. Select Calendar

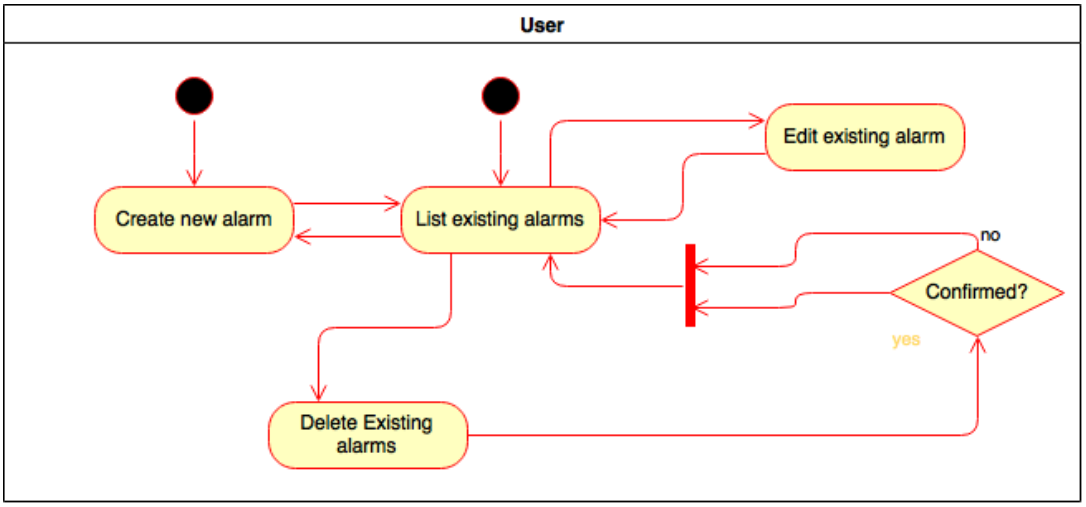
1.1 Brief Description

This Use Case provides the possibility for the users to select the OS calendars containing the appointments for wake up time calculation.

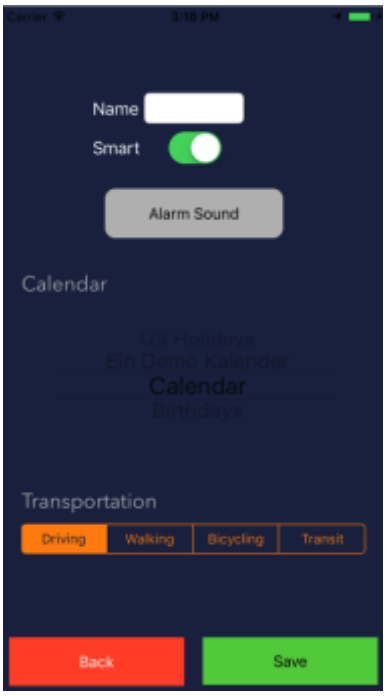
2. Flow of Events

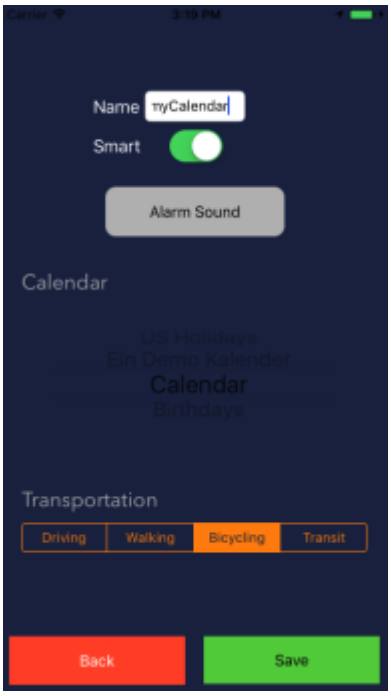
2.1 Basic Flow

The process of managing the alarms can be represented by a CRUD activity diagram. The User can update either create a new alarm (Create), display all alarms created before (READ), delete on of these alarms (Delete) or edit an alarm (Update)



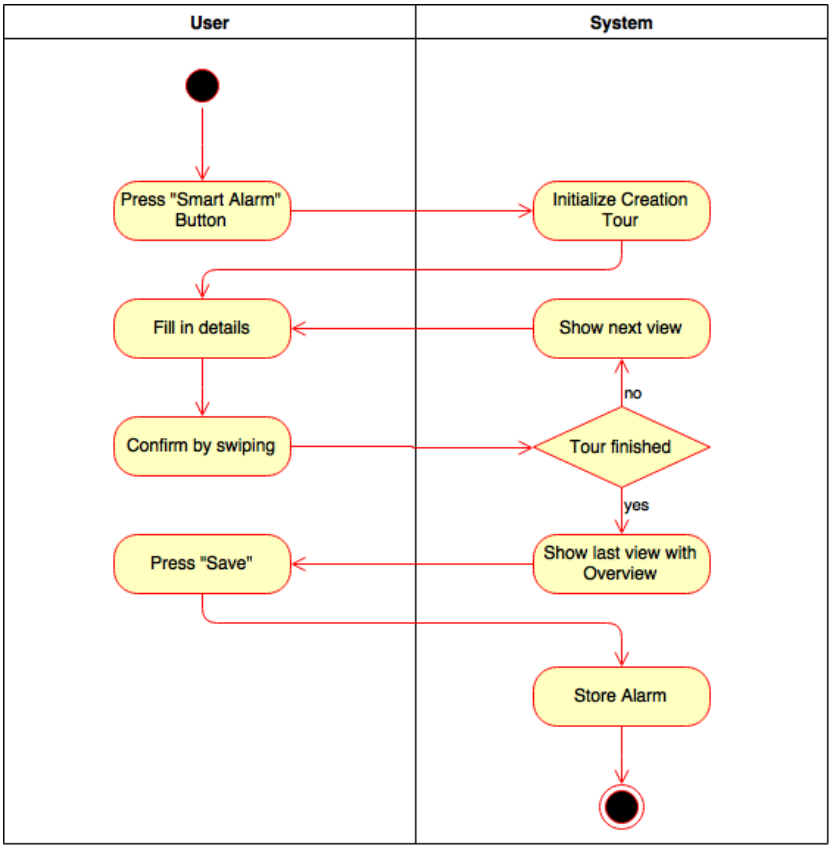
iOS Mockups:


Name
Smart
Alarm Sound
Calendar
Calendar
Transportation
Driving
Walking
Bicycling
Transit
Back
Save


Name
myCalendar
Smart
Alarm Sound
Calendar
Calendar
Transportation
Driving
Walking
Bicycling
Transit
Back
Save


Add
myCalendar

A closer look at the activities for the case the user decides to create a new alarm:



3. Special Requirements

4. Preconditions

To add a Smart Alarm, the User needs to give Access to the Calendar that the SmartAlarm have access to the appointments in the specified Calendar.

5. Postconditions

6. Extension Points

7. Function Points

CRUD	Count	Simple	Average	Complex	FTR/RET	DET	Points	Function poi
Number of User Input (Ei)	4	1	0	0	2	4	12	33,6
Number of User Outputs (EO)	2	1	0	0	1	2	8	
Number of User Inquiries (EQ)	0	1	0	0	0	0	0	
Number of Files (ILF)	4	1	0	0	0	0	28	
Number of External Interfaces (EIF)	0	1	0	0	0	0	0	