penbo Simplicity

Simple Habits
Use-Case Specification: Select OS Calendars

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
15/05/17	1.2	Added Function Points	René Penkert

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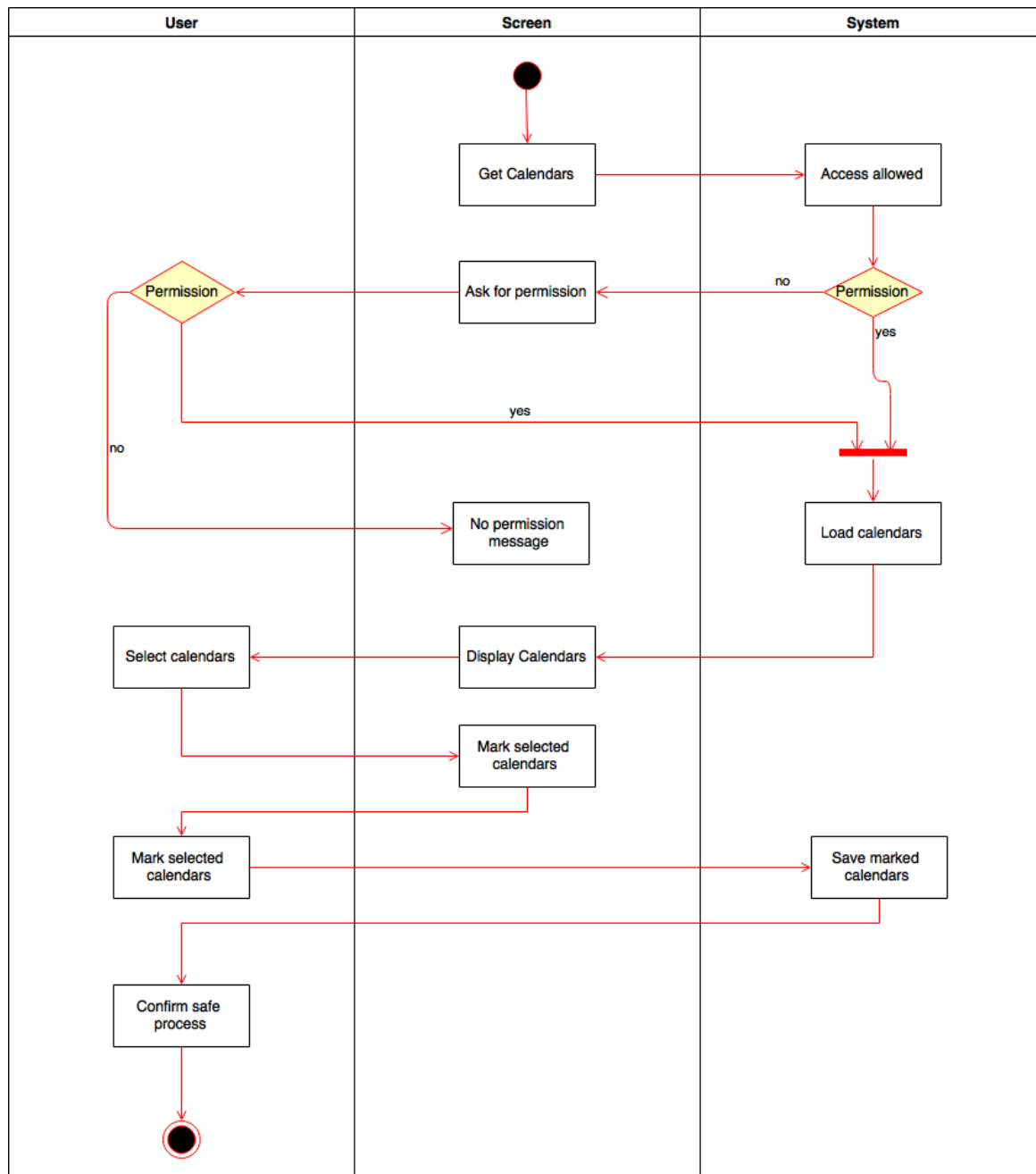
Use-Case Specification: Select Calendars

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

Within the Initialization of the Smart Alarm the User is asked to select all his OS Calendars he wants the app to calculate in. It is confirmed by continuing to the next page.
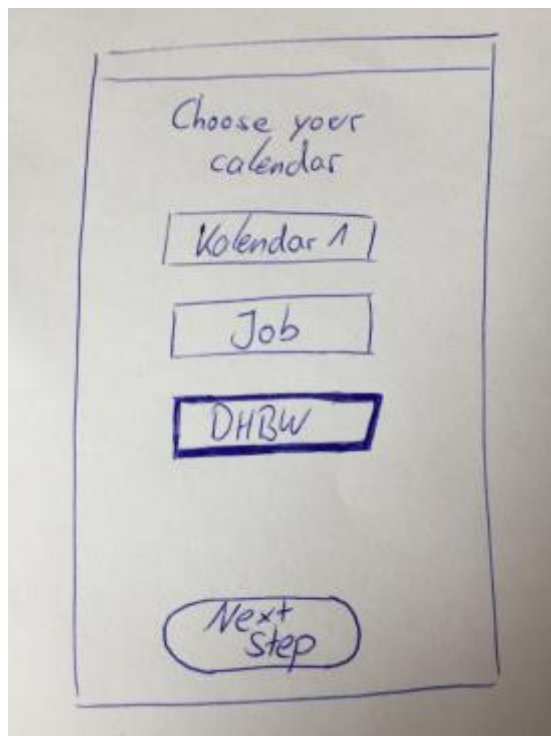
iOS Mock Up:

Mockup 1 Computer Design from Sketch

Mockup 2 Hand drawn Design

Feature Files:

```
Feature: Select Calendars

  In order to create a smart alarm
  As a User
  I want to select the calendars containing the events which are relevant for my wake up time

  Scenario:
    #Calendar not selected
    Given Menu with button "Calendarname 1"
    And the button "Calendarname 1" has a gray background color
    When I press the button "Calendarname 1"
    Then The background color of button "Calendarname 1" should change to the calendars color

  Scenario:
    #Calendar selected
    Given Menu with button "Calendarname 1"
    And the button "Calendarname 1" has the calendar's color as its backgroundcolor
    When I press the button "Calendarname 1"
    Then The background color of button "Calendarname 1" should change to gray
```

2.1 Basic Flow

The user selects one calendar which the SmartAlarm than is based on

2.2 Alternative Flows

3. Special Requirements

The User needs to grant the Application access to their Calendars.

4. Preconditions

Obviously there needs to be a calendar on which the Smart alarm can be based.

5. Postconditions

After the Calendar is selected, the alarm needs to be changed when the calendar changes. There needs to be a direct correlation between the calendar and the alarm

6. Extension Points

7. Function Points

Select OS Calendar	Count	Simple	Average	Complex	FTR/RET	DET	Points	Function poi
Number of User Input (Ei)	1	1	0	0	1	1	3	20,15
Number of User Outputs (EO)	1	1	0	0	1	1	4	
Number of User Inquiries (EQ)	1	1	0	0	1	1	3	
Number of Files (ILF)	3	1	0	0	0	0	21	
Number of External Interfaces (EIF)	0	1	0	0	0	0	0	