

**GTA-Group**

**WaterMe**  
**Use-Case Specification:**  
**Change Settings**

**Version 1.1**

## **Revision History**

<b>Date</b>	<b>Version</b>	<b>Description</b>	<b>Author</b>
27/Okt/16	1.0		Chris Todt Paul Giesa
01/Nov/16	1.1		Olga Akymenko Chris Todt Paul Giesa
07/Dez/16	1.1.1	Update UML + Mockups	Chris Todt

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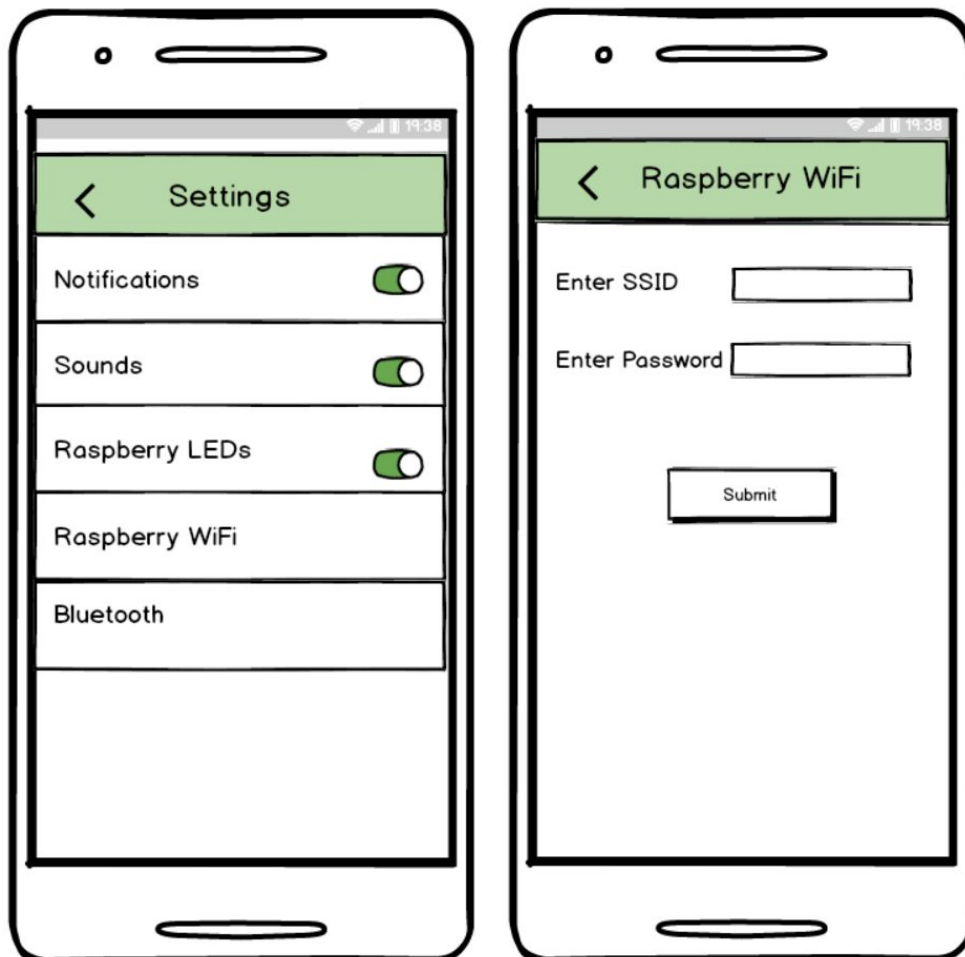
## Use-Case Specification: Change Settings

### 1. Change Settings

#### 1.1 Brief Description

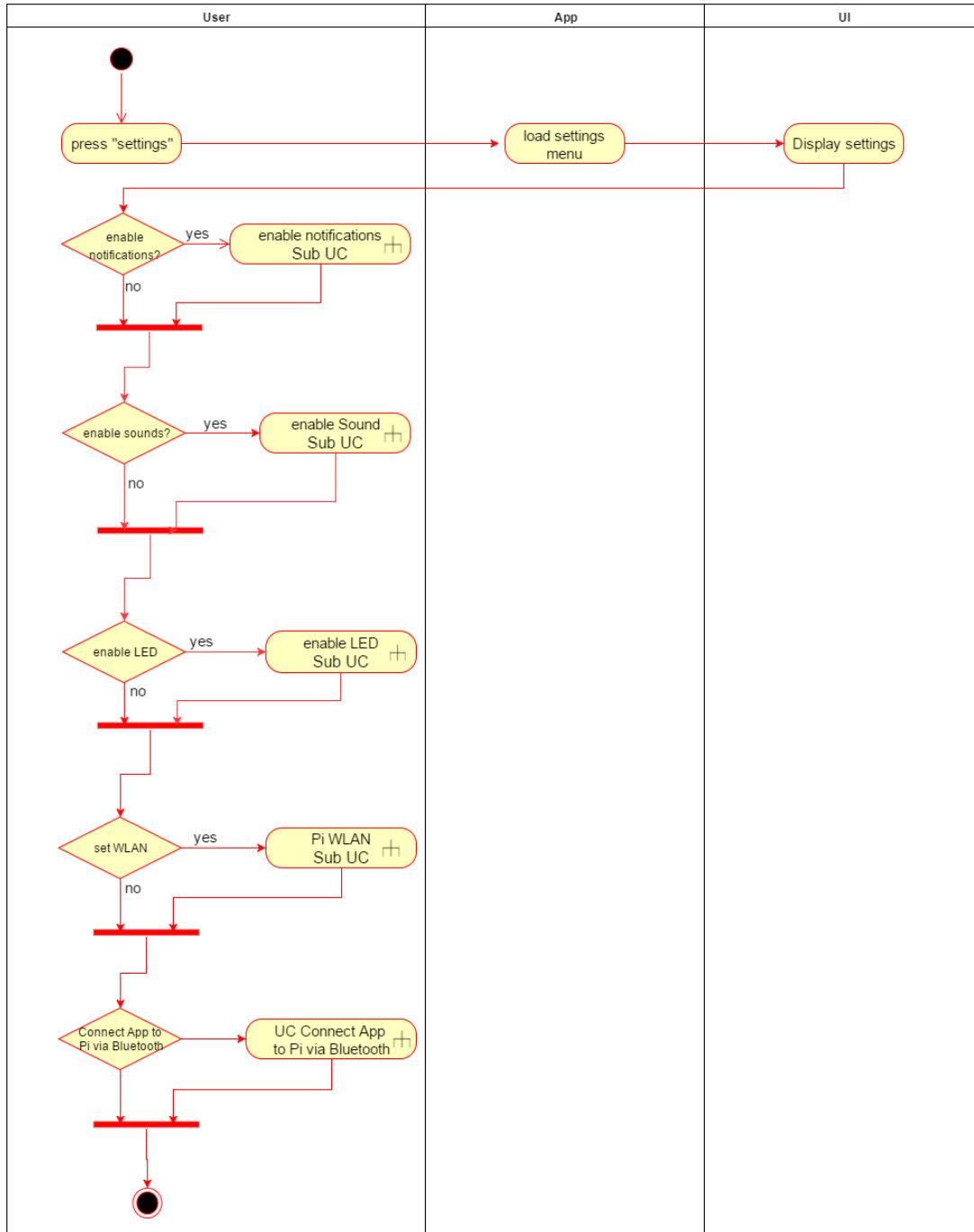
In “Settings” the user can activate/deactivate notifications, sounds, LEDs and change WLAN settings for the Pi.

#### 1.2 Mockup



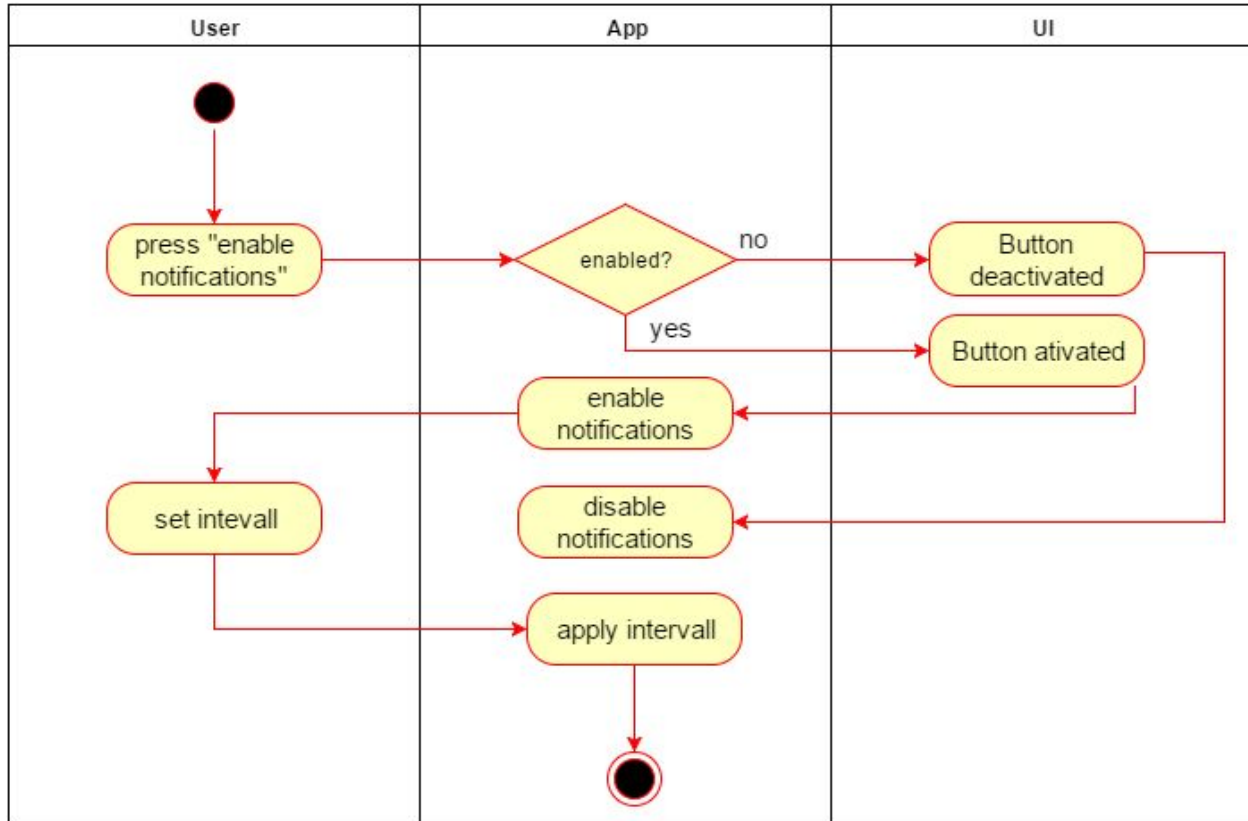
## 2. Flow of Events

### 2.1 Basic Flow

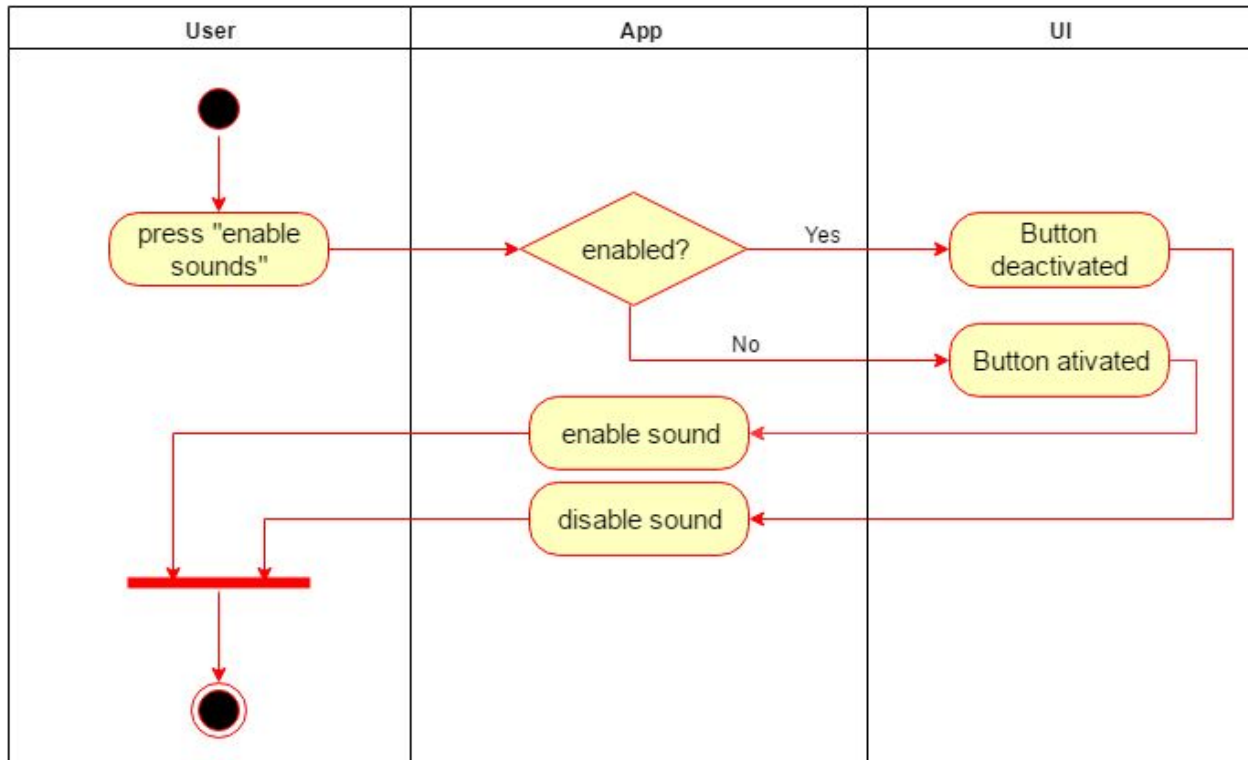


## 2.2 Alternative Flows

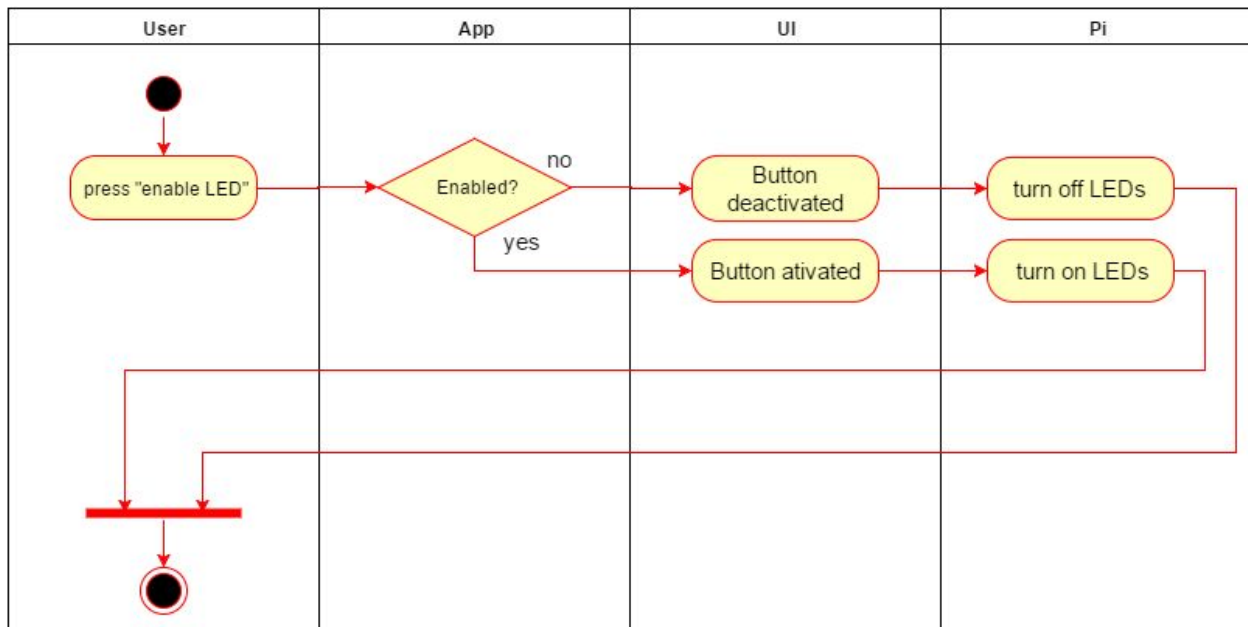
### 2.2.1 Enable notifications



## 2.2.2 Enable sounds

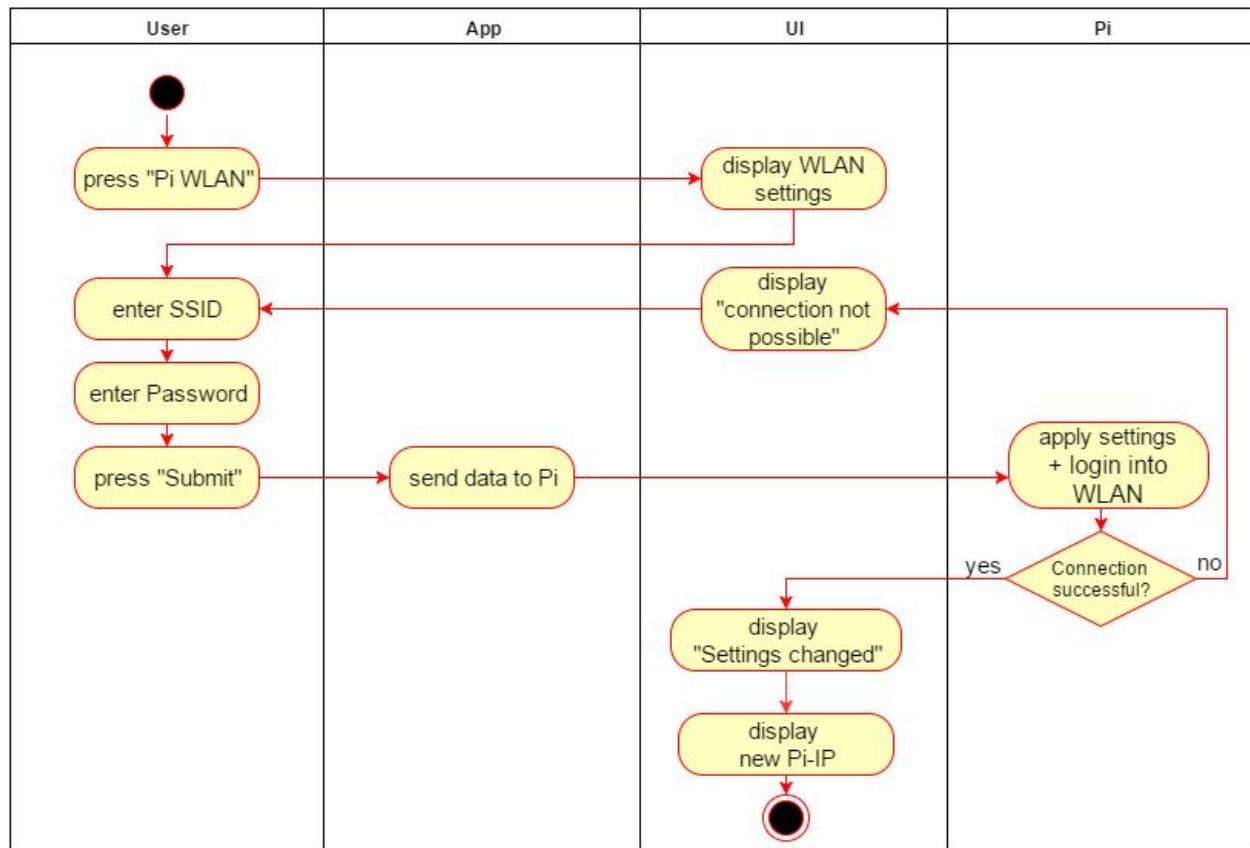


## 2.2.3 Enable LEDs





## 2.2.4 Set WLAN



### 3. Feature File

```

Feature: Change settings
  As a user
  I want to change the settings of the PI
  So that I can decide whether I want to receive notifications,
  hear sounds, see LEDs and set the Wifi

  Scenario: enter settings
    Given App is installed
    And I see the main menu
    When I click on settings
    Then The settings displays

  Scenario: enable notifications
    Given I am in the settings
    And The notifications are disabled
    When I click on the switch button that is located next to notifications label
    Then The switch button will be disabled

  Scenario: disable notifications
    Given I am in the settings
    And The notifications are enabled
    When I click on the switch button that is located next to notifications label
    Then The switch button will be enabled

  Scenario: enable sounds
    Given I am in the settings
    And The sounds are disabled
    When I click on the switch button that is located next to sounds label
    Then The switch button will be enabled
    And I hear notification sounds

  Scenario: disable sounds
    Given I am in the settings
    And The sounds are enabled
    When I click on the switch button that is located next to sounds label
    Then The switch button will be disabled
    And I don't hear notification sounds anymore

  Scenario: enable LEDs
    Given I am in the settings
    And The LEDs are disabled
    When I click on the switch button that is located next to LEDs label
    Then The switch button will be enabled
    And The LEDs are turned off

  Scenario: disable LEDs
    Given I am in the settings
    And The LEDs are enabled
    When I click on the switch button that is located next to LEDs label
    Then The switch button will be disabled
    And The LEDs are turned off

  Scenario: enter WLAN menu
    Given I am in the settings
    When I click on Raspberry WIFI
    Then The WLAN menu displays

  Scenario: set WLAN
    Given I am in the Raspberry WIFI
    And I know the SSID and password of my network
    When I enter the SSID
    And I enter the password
    And I click on submit
    Then I see "Settings changed"
    And I see the new IP-address of the PI

```

## **4. Special Requirements**

(n/a)

## **5. Preconditions**

### **5.1 Main screen**

The user has to be in the main screen to be able to access the settings.

## **6. Postconditions**

### **6.1 Changed buttons**

The buttons will be transparent if the setting is disabled / colored if the setting is enabled.

## **7. Extension Points**

To be determined