

GTA-Group

WaterMe
Use-Case Specification: See LEDs

Version 1.2

Revision History

Date	Version	Description	Author
01/Nov/2016	1.0		Chris Todt Olga Akymenko Paul Giesa
28/Nov/2016	1.1	Added postcondition and .feature file minor changes	Chris Todt
01/Mai/2017	1.2	Added FP-Calculation	Olga Akymenko

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Use-Case Specification: See LEDs

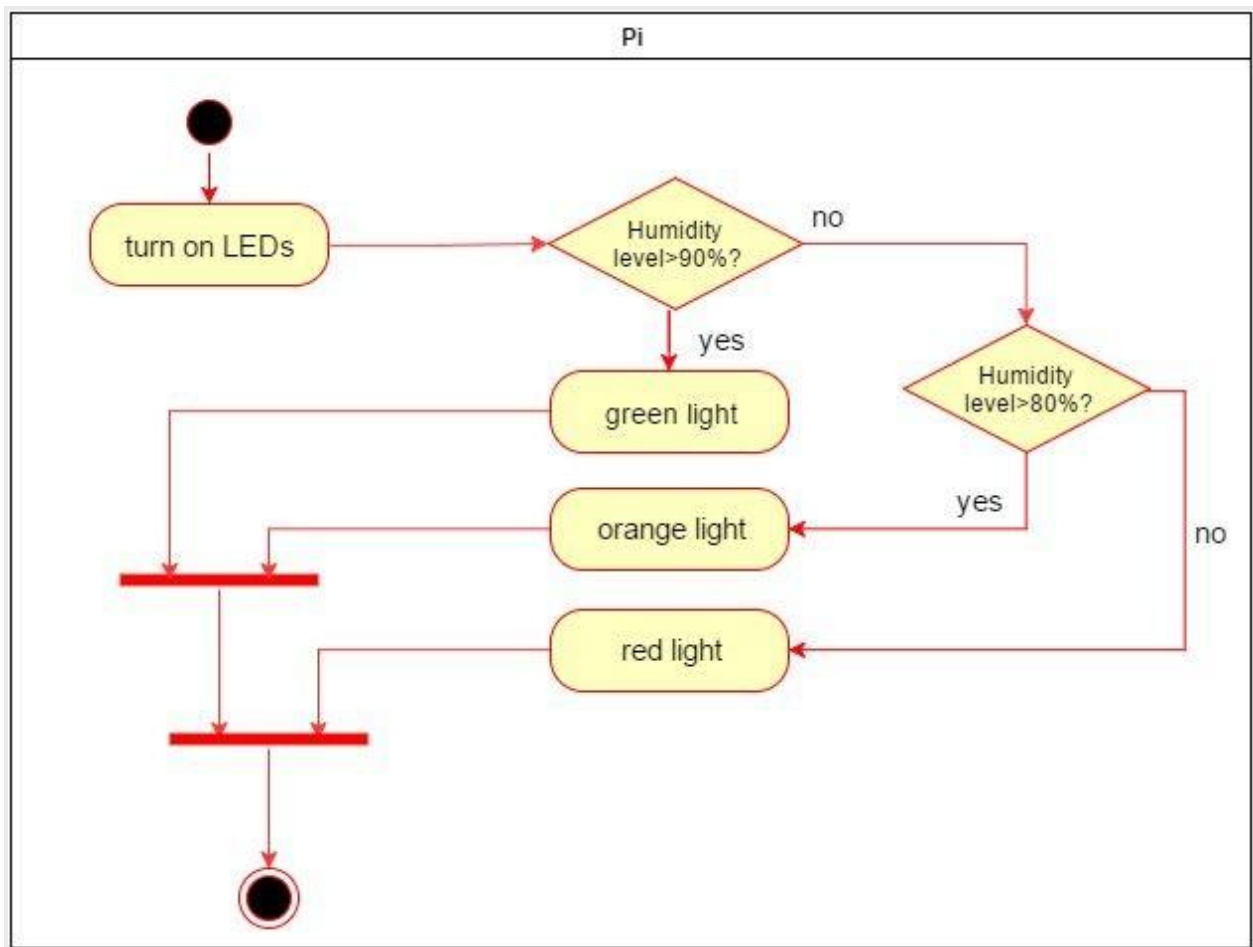
1. See LEDs

1.1 Brief Description

The LEDs controlled by the Raspberry Pi indicate the humidity level of the plant. That's why the user can gain information about the humidity level very quickly.

2. Flow of Events

2.1 Basic Flow



2.2 Alternative Flows

(n/a)

3. Special requirements

(n/a)

4. Preconditions

4.1 Enable LEDs in App

The user has to enable the LEDs in the settings menu of the app (see UC Change Settings). Otherwise the LEDs are not activated.

5. Postconditions

5.1 See humidity level

The user can see the humidity level of the plant by looking at the LEDs.

6. FP-Calculation

Calculation of DET/RET/FTR: [DET/RET/FTR Table](#)

Domain Characteristic Table

MEASUREMENT PARAMETER	COUNT (value >= 0)	WEIGHTING FACTOR		
		Simple	Average	Complex
Number of User Input	<input type="text" value="0"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Number of User Outputs	<input type="text" value="0"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Number of User Inquiries	<input type="text" value="2"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Number of Files	<input type="text" value="0"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Number of External Interfaces	<input type="text" value="1"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

[Complexity Adjustment Table](#) | [FP Calculation](#)

7. Extension Points

(n/a)