GTA-Group

WaterMe
Use-Case Specification: Visit about menu

Version 1.3

Revision History

Date	Version	Description	Author
28/Nov/2016	1.0	Document created	Chris Todt
08/Dez/2016	1.1	Added Espresso test	Chris Todt
01/Mai/2017	1.2	Added FP	Olga Akymenko
14/Juni/2017	1.3	Changed tests	Olga Akymenko

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Use-Case Specification: Visit about menu

1.   Use-Case Name

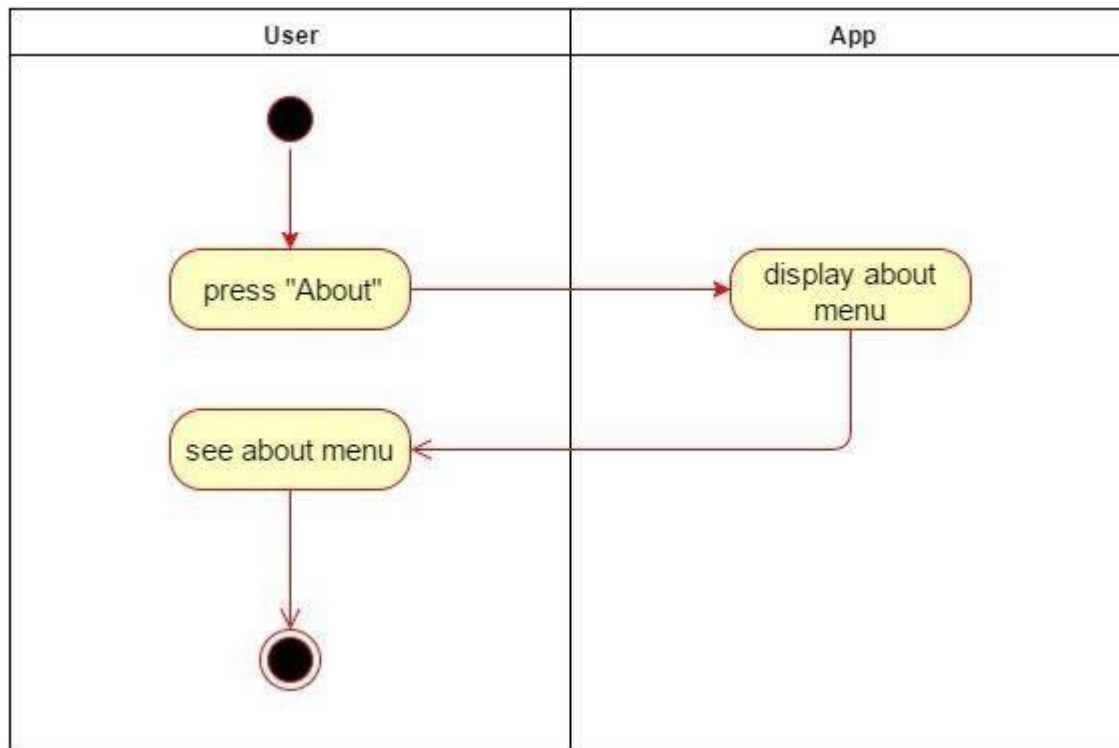### 1.1   Brief Description

The user can view an about menu with several informations about the application and the company.

1.2   Mockup

2.   Flow of Events

2.1   Basic Flow

2.2   Alternative Flows

(n/a)

3.   Espresso test

```java
package com.project.gta.demo;


import android.support.test.espresso.ViewInteraction;
import android.support.test.rule.ActivityTestRule;
import android.support.test.runner.AndroidJUnit4;
import android.test.suitebuilder.annotation.LargeTest;

import org.junit.Rule;
import org.junit.Test;
import org.junit.runner.RunWith;

import static android.support.test.espresso.Espresso.onView;
import static android.support.test.espresso.action.ViewActions.click;
import static android.support.test.espresso.matcher.ViewMatchers.isDisplayed;
import static android.support.test.espresso.matcher.ViewMatchers.withId;
import static android.support.test.espresso.matcher.ViewMatchers.withParent;
import static android.support.test.espresso.matcher.ViewMatchers.withText;
import static org.hamcrest.Matchers.allOf;

@LargeTest
@RunWith(AndroidJUnit4.class)
public class UCVisitAboutMenu {

    @Rule
    public ActivityTestRule<MainMenu> mActivityTestRule = new
ActivityTestRule<>(MainMenu.class);

    @Test
    public void uCVisitAboutMenu() {
        ViewInteraction appCompatButton = onView(
                allOf(withId(R.id.BTNabout), withText("About"),
                        withParent(allOf(withId(R.id.mainmenu),
                                withParent(withId(R.id.activity_main_menu)))),
                        isDisplayed()));
        appCompatButton.perform(click());

    }

}
```

4.   Special requirements
(n/a)

5.   Preconditions

5.1   Installed App

The user has to be in the main menu.

6.   Postconditions

6.1   See about menu

The user can see the about menu.

7.   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	0	●	○	○
Number of User Outputs	0	●	○	○
Number of User Inquiries	1	●	○	○
Number of Files	0	●	○	○
Number of External Interfaces	0	●	○	○

Complexity Adjustment Table | FP Calculation

8.   Extension Points

(n/a)