WhatsUp Test Report v0.1.0

1. Introduction

1.1 Purpose of application

Application is a client to the WhatsUp service implemented for android devices. It presents content from the service and has features for creating content for the service.

1.2 General characteristics of application

The application generally doesn't perform any major computations or calculations, but works heavily with network communication. Most data exists on the server, and nearly no information is stored only in the application (exception: Reference points whom are private to each device).

2. Test environment

Tests are done manually

2.1 Hardware environment

Tests are run on:
- Android emulator on MacBook Pro with Intel Sandy Bridge quad-core i7, 8 GB system memory and Intel integrated graphics, Wifi network.
- Samsung Galaxy SII, WiFi network.

2.2 Software environment

2.2.1 Softwares

- Mac OSX 10.7.2 with Eclipse Indigo and emulated Google API Platform 10 (2.3.3)
- Samsung Android 2.3.3 with Google APIs

2.2.2 Software settings
Plain settings from fresh install. WiFi enabled on all tests except

3. System information

3.1 System version

WhatsUp v0.1.0

4. Known bugs and limitations

- Internal array in the Google Maps MapView related to overlay items throws arbitrary ArrayIndexOutOfBoundsException
- Map won't automatically refresh annotations on panning/zooming, only refreshes through button.
- Server only returns the 10 oldest annotations matching the area request, which may cause that some existing annotations never arrives to the device. This is a server implementation problem not addressed in this Android project.

5. Test report
Legend: Done Fail due to "not implemented" Implementation fail

5.1 Emulator run

Test ID	Result	Comment
1.1	Done	
1.2	Partial	Annotations load only on refresh, not automatically
1.3	Partial	Annotations load only on refresh
1.4.1	Failed	Not implemented
1.4.2	Failed	Not implemented
1.5.1	Done	
1.5.2	Done	
1.6.1	Done	
1.6.2	Done	

1.8.1	Done	
1.8.2	Partial	GPS Position not implemented
1.8.3	Done	
1.9	Partial	GPS Position not implemented
1.10	Done	
1.11	Failed	GPS Position not implemented
1.12	Done	
1.13	Failed	Not implemented
1.14	Failed	Not implemented
1.15	Failed	Does not show any error, gracefully returns to parent
1.16	Failed	Unit test not implemented
1.17	Failed	Unit test not implemented
2.1.1	Done	
2.1.2	Partial	Activity still shown, but does not indicate error in any way.
2.1.3	Done	
2.2	Failed	Not implemented
2.3.1	Failed	Not implemented
2.3.2	Failed	Not implemented
2.3.3	Failed	Not implemented
2.4	Partial	Rating and commenting not implemented
3.1.1	Done	
3.1.2	Failed	Bug found. Server returns code 406, App shows "Registration successful" which should only happen on code 200. reported as bug #30
3.2.1	Done	
3.2.2	Done	
3.3	Partial	Server does not implement a log out method. App does its share
3.4	Done	

3.5	Failed	Not implemented

5.2 Samsung device run

Test ID	Result	Comment
1.1	Done	
1.2	Partial	Annotations load only on refresh, not automatically
1.3	Partial	Annotations load only on refresh
1.4.1	Failed	Not implemented
1.4.2	Failed	Not implemented
1.5.1	Done	
1.5.2	Done	
1.6.1	Done	Crashes if a reference point never has been set.
1.6.2	Done	
1.8.1	Done	
1.8.2	Partial	GPS Position not implemented
1.8.3	Done	
1.9	Failed	Partially implemented
1.10	Done	
1.11	Failed	Not implemented
1.12	Done	
1.13	Failed	Not implemented
1.14	Failed	Not implemented
1.15	Failed	Not implemented
1.16	Done	However the database is not used at all places it should
1.17	Failed	Not implemented
2.1.1	Done	
2.1.2	Failed	No error shown

2.1.3	Partial	Form reset after having changed position.
2.2	Failed	Not implemented
2.3.1	Failed	Not implemented
2.3.2	Failed	Not implemented
2.3.3	Failed	Not implemented
2.4	Partial	Rate not implemented yet.
3.1.1	Done	
3.1.2	Failed	No error reported. However no account created either.
3.2.1	Done	
3.2.2	Done	
3.3	Done	However session still exists on server
3.4	Partial	No possibility to opt out, always automatic log in. But it works!
3.5	Failed	Not implemented