1 Introduction

1.1 Purpose of application

1.2 General characteristics of application

The application is an alarm-application. It should be able to play sound and vibrate at a user specified time.

2 Test enviroment

Clone the git repository from: git://github.com/Edholm/dat255-bearded-octo-lama.git

The test code is placed as an internal project inside dat255_bearded_octo_lama. No installation is needed as the /libs/ for robotium-tests are included in the project.
Just right-click on the project 'Tests' and choose "run as Android-JUnit test".

2.1 Hardware enviroment

We have tested to run our application on Android 2.3 and Android 4.1, both on phones and on the emulator. Remember that the emulator is not able to vibrate or play any sound/ringtones.

2.2 Software environment

All code is written in Eclipse JUNO, with target API >= 10.

2.2.3 Softwares

No special software is needed.

3 System information

3.1 System version

The version tested is v1.0.

4 Known bugs and limitations

For a up-to-date list of known bugs and limitation, see the issue list on github.

5 Test specification

Acceptance critera is found in the document 'User Stories'

6 Automatic test

6.1 Code coverage

We have not used any code coverage tools.

6.2 Nightly builds

None as of yet.

6.3 Unit test

We use the robotium unit-test to test our layouts, the game-logic and also a lot of code-logic.

For our regular classes we use Android JUnit.

The class AlarmController is somewhat hard to test since it depends on internal android services such as the alarm manager and the service provider. Therefore it is very hard to test for example an alarm has been set correctly and goes off in a nice and orderly fashion at the correct time.

7 Test report (kan vara bilaga/bilagor)

The reports specified here are tested on the tag *v1.0-final*
(present a table with Test id, Result, Comment)
(use comment to say what bug the test resulted in or that the test could not be performed since the requirement is not yet implemented)

Test ID	Class tested	Result	Comment
1	AlarmContentProvider	Testing the wildcard methods results in failure	Resulted in issue #18