

Test Policy document

April 13, 2018

1 Mission of Testing

To effectively deliver efficient and effective software that meets the customers requirements.

2 Test Description

The Test will include the following test cases:

2.1 QR Code functionality

- Check if the QR code generates correct information
- Check the scanner scans properly

2.2 NFC functionality

- Check if the App notifies the user if the NFC technology is not switched on.
- NFC technology sends information
- NFC technology receives information

2.3 Storage

- Check if the information is stored correctly.
- Check if the information can be retrieved from the database.

3 Test Evaluation

We will use Travis-CI to test if everything has been implemented correctly. Travis-CI is a continuous integration, hosted service,

4 Quality level to be achieved

We aim to have no outstanding faults prior to product release.

5 Approach to Test process improvement

Project review meetings are held in regards to improving the project.

6 Travis-CI yml file

```
language: android
```

```
android: components: - platform-tools - tools
```

```
//The SDK version we used to compile our project: android-26
```

```
//The BuildTools version used in our project: build-tools-26.0.2
```

```
//Other additional components: extra-google-google-play-services
```

```
//The emulator that we will be using: sys-img-armeabi-v7a-android-17
```