Usability test 30.10.12

# Test Description and desired outcome

Test subjects: CAPP and the karotz app.

Preconditions:

* Working version of the CAPP and karotz application.
* Child in database is in correct health state.
* Child and one parent present. The parent should be familiar with giving asthma medications.
* Wireless wpa2 secured connection.

Test persons: div. Anonymous kids.

Test scenario/desired progress chart for CAPP:

* The phone receives an alarm. The parent (testers) hand the phone to the child, after pressing for the distraction to start.
* The child is helped by their parents to take their medicine
* The child follows the distraction sequence and copies it while taking their medication.
* The child finishes its treatment and receives its reward.

Test scenario/desired progress chart for the karotz app:

* Child receives notification from robot.
* The child follows the instructions for turning off the notification.
* The child fetches their parent, which then gives the child the yellow nanoz so the child can turn on the distraction sequence.
* Child and parents follows instructions for the medication.
* The child uses the green nanoz to collect their reward.

Desired outcome:

* The child understands how to follow the distraction
* The child has taken its medication in a timely and correct manner.
* The child feels it has had a positive experience and is actively excited.

This progress chart and desired outcomes holds for both CAPP and the karotz application.

Medicine being tested on: Ventoline

# For the tester

Before the tests:

* Explain who we are
* Explain the test person why he/she is here
* Introduce the system (karotz, CAPP) and anyone involved directly in the test.
* Explain that it’s the system being tested, not the child.
* Explain that they can abort at any time, without explaining why
* Explain that during the test they will be given a placebo treatment.

Checklist for tester, CAPP:

* Update database with alarm on ventoline, 1-3 minutes after current time.
* Press the notify me, to update the alarms on the phone.
* Give the phone to the parent, and explain there will soon be an alarm, and that this means they should give the phone to their child and help them follow the instructions given by CAPP.
* Observe the sequence described above. Take notes of any trouble the testees might have following the instructions given

Checklist for tester, karotz application:

* Setup the karotz in the room, assure connection to internet.
* Update database with alarm on ventoline, 1-3 minutes after current time.
* Give the green nanoz to the child.
* Give the yellow nanoz to the parent, and explain that holding this close to the karotz after a notification have been received, will start the medication.
* Observe the sequence described above. Take notes of any trouble the testees might have following the instructions given

Notes CAPP:

Notes, Karotz Application: