# Evaluation Plan – E-Health System

## Scope

* Specify how much of the product you will cover

Test login, register new patient, register new Doctor, input health data, display data, logout and chat. Test all of these for both mobile and desktop interface.

## Purpose

* Identify the concerns, questions, and goals for this evaluation. In each round, you will probably have several general and several specific concerns to focus on. Your concerns should drive the scenarios you choose for the evaluation

1. Test if users can perform all these tasks on both interfaces.
2. See if users prefer one interface to the other.
3. Measure how usable each system is.
4. Find out which parts of each interface the users like or dislike.

## Schedule & Location

In users’ homes or public spaces at times requested by users.

## Sessions

* You will want to describe the sessions, the length of the sessions (typically one hour to 90 minutes\*).

1. Sessions will take 30 minutes to 1 hour.
2. Sessions will begin with explanation of the project.
3. Users read information sheet and sign consent form.
4. Users are randomly assigned 1 interface to test first.
5. Users perform all tasks for this interface.
6. Users complete SUS form
7. Users perform all tasks for second interface
8. Users complete SUS form
9. Users are interviewed about their experience with the 2 interfaces

## Equipment

* Indicate the type of equipment you will be using. Also indicate if you are planning on recording or audio taping.

1. Laptop computer with keyboard and mouse
2. No recordings, notes taking only.

## Participants

* Indicate the number and types of participants you will be recruiting. Describe how these participants were or will be recruited, including documentation provided, such as consent forms.

Recruit 5 participants. Participants mush have some higher education completed and sound English skills. 1 participant must have advanced programming skills. Participants to be recruited from our social networks. All participants received an information sheet and a consent form.

## Scenarios

* Indicate the number and types of tasks included in testing. Typically, for a 60 min. test, you should end up with approximately 10 (+/-2) scenarios for desktop or laptop testing and 8 (+/- 2) scenarios for a mobile/smartphone test.

Desktop:

1. Log in with provided Doctor credentials and Register new patient
2. Register new Doctor
3. Display patient’s data
4. Open chat and message between patient and Doctor (Patient is controlled by a member of the team)
5. Log out from Doctors page and Log in as Patient
6. Input health data
7. See data as graphs
8. Open chat and message doctor

Mobile:

1. Log in with provided Doctor credentials and Register new patient
2. Register new Doctor
3. Display patient’s data
4. Open chat and message between patient and Doctor (Patient is controlled by a member of the team)
5. Log out from Doctors page and Log in as Patient
6. Input health data
7. See data as graphs
8. Open chat and message doctor

## Subjective metrics

* questions prior and after each task scenario, overall ease, satisfaction and likelihood to use/recommend when the sessions is completed. Usually participants rate the measure on a ***Likert scale***.

1. SUS questionnaire

## Objective metrics

* Indicate the observational data you will be measuring in your test (e.g., successful completion rates, error rates, time on task).
* Time on task
* Number of errors

## Roles

* who does what. The usability specialist should be the facilitator of the sessions. Note-takers.

1. Single person acted as facilitator and took some notes.
2. Another person logs Timing for each task.