**DOCTORS APPLICATION BOOKING APPLICATION**

PROBLEM STATEMENT

**Current Situation**

Many hospitals in Kenya let their patients come to hospitals casually with just hopes to find a doctor and book either an appointment with such doctors which sometimes is not always the case. The patient may not find the doctor or on account of finding the doctor present the doctor may have too much work for him on the schedule. Thus both the doctor and the patient may find this not pleasing and they are discouraged.

In our country Kenya there is not an android application that does that but there is an international application “practo” that does something similar. It will help patients search for doctors based on location and get different physicians from wide number of varieties.

**Functionality the new system should support**

The new application will:-

1. List the counties in Kenya
2. Under each county it will list hospitals
3. Under each hospital it will list different fields of specialization of doctors available
4. Each doctors has a scheduled time table or slots that they are free which one can know when to book an appointment
5. The patient then books an appointment with the doctor based on what they want

**Environment in which the system will be deployed**

The application will be in android smart phone devices.

**Deliverables expected by the client**

The deliverable are:-

1. A database that provides all doctors signed up in the application and all hospitals in the application.
2. An android application.