# MAKERERE UNIVERSITY FACULTY OF COMPUTING AND INFORMATICS TECHNOLOGY SCHOOL OF COMPUTING AND INFORMATICS TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE BACHELOR OF SCIENCE IN COMPUTER SCIENCE YEAR 2

## BIT 2207 RESEARCH METHODOLOGY Course Work: Assignment 3

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#### CANCER TREATMENT APPOINTMENT FORM.

The hustle to discover that one has Cancer is tiresome and frustrating more so when finding the medical specialists and getting treatment for example one has to move from their home areas to the Uganda Cancer Institute at Mulago national referral hospital to acquire treatment and assistance in regards to their illness which is very costly and cumbersome to patients all due to the limited ways of acquiring treatment. Highly established hospitals and health institutes for the treatment of Cancer is limited in Uganda mostly known to be stationed in Kampala and so many patients flood there and end up not receiving treatment. And this has been simplified by an automated form one can use to make an appointment with doctors.

# 1 Description of the form

#### 1.1 Doctor's name

Patients are able to enter the names of the doctors they are making an appointment with for easy follow up and responses. This makes a doctor take resposibilty of confirming the appointment of forwarding it to the next doctor. Inforation of data inputs such as Dr.Ralph, Dr.Ben and so many names of cancer doctors can be entered in this field.

## 1.2 Hospital

Identification of the hospital that is to say the hospital name is entered in this section by a patient. Patients are aware of the necessary hospitals to help treat them from information on the cancer pages for example Mulaggo hospital, Mengo hospital etc.

#### 1.3 Patient's name

When making an appointment, patients are required to enter their names in this section so that doctors are able to process their files for the appointment. Here their local and useer names can be entered in this field for example Harron, Roger and so on.

# 1.4 Image of Infection

In case of signs, patients can upload images of their complications that the doctors are able to receive and make appropriate responses.

# 1.5 Audion description of infection

Description of the complications of patients can be described by the provision of a voice note in this section. The doctors are able to internalise their conditions from this audio file

## 1.6 Date

Calendar allows user to select date for appointment. This pierce of data can be used to follow up appointments on particular dates on which patients have suggested.

## 1.7 Time

The time for the appointment request is done in this section since the patients are already aware of the available appointment slots provided on web pages of different hospitals pertaining cancer treatments.

## 2 Conclusion

The challenge of patients traveling long distances searching for specialists can be overcome by usissing the modern system where Patients make an appointment with time, day and date to meet, so that treatment can be offered to the patients at their convenience since information of appointment slots is provided to them by the hospitals.