**B. TECH COMMUNICATION AND COMPUTER NETWORKS**

**ALICE FAITH SCCJ/01093/2018**

# ALLORA GYNECOLOGY CLINIC CONSULTATION APP

# Overview

## Project Background and Description

Allora Medic Clinic is a registered gynecology clinic in Nairobi, Kenya that offers gynecology services. They are located in Upper Hill. The clinic is growing and have therefore been receiving more patients especially now when female reproductive health is given more attention. As a result, there is need to automate most of the processes in order to:

* Fasten the processes at the clinic.
* Move all the records to a centralized database for easy access and updating.
* Increase the efficiency of tasks performed at the clinic
* Lower the turnaround time for its operations.

## Project Scope

In order to achieve the above named, the project will implement an android application that will be accessible over the internet through: -

* Smart phones – by the registered patients and the clinic support staff.

The android application will allow the patients to schedule consultations with the clinic here they get to choose which service they need whether it is pap smear or fertility counselling. The patients can also contact the clinic to make inquiries. They can also be able to view a history of the appointments they have attended for follow up. The clinic will be able to capture the details of booked appointments, maintain records on diagnosis.

### **Functional requirements**

The application will include the following functionalities: -

* Patients’ registration process, authentication and login.
* The clinic will maintain patient appointment details, and update whether they attended or missed the appointment.
* Patients choose the appointment type they want to visit the clinic for.
* Scheduling consultation visits to the clinic.
* Patients will be able to contact the clinic just for inquiries
* Patients will access a history of their appointments.

**Implementation Plan**

The project will begin with creation of the designs will be used in the application, which will be designed in Figma. After that the development will begin. I will be using android studio to create the various activities of the application and integrate them in order to come up with a fully functional android application.

## Deliverables

* Specification document
* System designs
* Functional specifications
* Test strategies
* Android application

# schedule

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| # | Date | Description | Comments |
| 1 | 19/9/2022 – 24/9/2022 | Coming up with the wireframes |  |
| 2 | 24/9/2022 – 28/9/2022 | Identification of the system requirements |  |
| 3 | 28/9/2022 – 23/10/2022 | Development |  |
| 4 | 23/10/2022 – 10/11/2022 | Testing |  |
| 5 | 15/11/2022 – 17/11/2022 | Presentation |  |

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| Approved By |  |  | Date |  | Approved By |  |  | Date |