

# FRANKLYN HERBERT ALWANYI

## Sc400 Research project proposal

Scs211/1221/2021

### 1. Title

HealthHub – A Central Hub for Health Information and Services

### 2. Introduction:

\*HealthHub is a versatile tele medicine platform designed to enhance healthcare accessibility, efficiency, and convenience for users in any location. The growing demand for accessible healthcare solutions has driven significant advancements in tele medicine, with many platforms emerging to address various aspects of patient care. However, challenges such as fragmented information, long wait times for consultations, and difficulties in accessing specialized care persist, particularly for individuals in remote areas or unfamiliar settings during emergencies. Health-hub aims to fill these gaps by providing a comprehensive, user-friendly platform that connects patients with healthcare providers through geo-location services. The platform allows users to quickly find nearby health centres and doctors, facilitating real-time appointment bookings and virtual consultations. Each doctor profile clearly states specialities, enabling patients to find the right healthcare provider for their specific needs without unnecessary delays.

This project builds upon existing tele medicine initiatives, incorporating lessons learned from previous platforms that have struggled with user experience or accessibility. By centralizing hospital and doctor information into one digital hub, Health-hub not only streamlines the healthcare experience but also enhances the quality of care patients receive. The system addresses critical issues in the current healthcare landscape, offering innovative solutions that empower patients to take control of their health journey—whether in their home town or while travelling in unfamiliar areas

### 3. Problem Statement:

In today's fast-paced world, accessing healthcare can be difficult not only in remote regions but also during emergencies in unfamiliar areas. Patients often struggle to find nearby hospitals or clinics, face long waits for appointments, or have trouble locating a doctor with the right specialization. Healthcare information is often scattered, leading to confusion and delays in treatment. \*Health-hub\* addresses these challenges by offering a centralized platform that uses geo-location to help users find healthcare facilities and doctors wherever they are, including during emergencies. The system enables fast access to care, reduces the time spent searching for specialists by clearly listing doctor profiles and specialities, and offers affordable virtual consultations to reduce the need for in-person visits. By streamlining the process of connecting with healthcare providers, \*Health-hub\* enhances access to timely and quality medical care.