IOT

Intrnet of Things

...H IS KEY

...EALTH KIOSK

...DS A HEALTHIER REMOTE COMMU...

A COMPREHENSIVE IOT-BASED E-HEALTH SOLUTION FOR REMOTE HEALTH MONITORING AND TREATMENT

- IOT DEVICES INSTALLED WITHIN THE KIOSK.

- DEVICES GATHER HEALTH DATA FROM THE PATIENT

- FORWARD THE COLLECTED DATA TO A CENTRALIZED LOCATION FOR SPECIALIST REVIEW.

- TRANSMIT THE ANALYZED DATA BACK TO THE KIOSK

- BASED ON THE DATA, DISPENSE THE APPROPRIATE MEDICATION

- STORE AND EXAMINE SYMPTOM DATA, CONSIDERING FACTORS LIKE LOCATION AND BEHAVIOR PATTERNS

- OFFER TARGETED HEALTH AWARENESS CAMPAIGNS TO ADDRESS PREVALENT HEALTH CONCERNS, LIKE MALARIA AS A CASE STUDY

ENCRYPTED TRANSMISSION VIA VSAT OR CELLULAR NETWORKS.

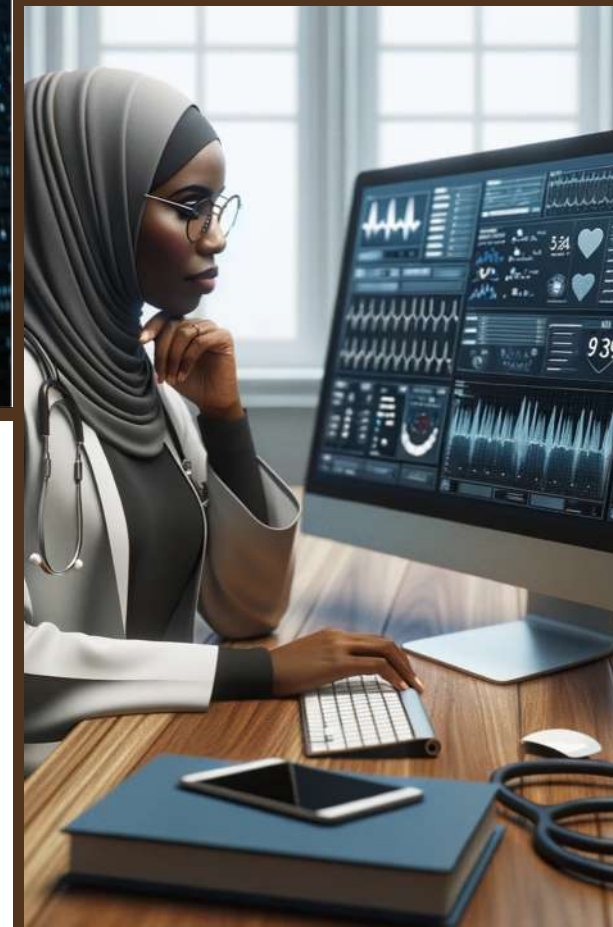TOWARDS A HEALTHIER REMOTE COMMUNITY

SECURE DATA TRANSMISSION USING MQTT, COAP, HTTP/HTTPS, DTLS, AND LORAWAN.

INTEGRATION WITH ITU-T STANDARDS, INCLUDING Y.4806 FOR ENHANCED DATA SECURITY.

MULTIFUNCTIONAL KIOSK EQUIPPED WITH DEVICES MEASURING VITAL HEALTH PARAMETERS.

CENTRALIZED DATA ANALYTICS FOR INSTANT FEEDBACK AND RECOMMENDATIONS.

"WE MAY NOT HAVE IT ALL TOGETHER, BUT TOGETHER WE HAVE IT ALL."

- UNKNOWN.

THANK YOU FOR LISTENING