



ACHIEVERS ALX TECH TEAM

presents

**Electronic Health Record
System; Enhancing
Accessibility and
Interoperability of Medical
Records in Nigeria.**

NAMES

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GCGO: Healthcare



Problem Statement

The lack of a centralized and digital health recording system has long hampered the effectiveness of healthcare in Nigeria, thereby resulting in long waiting hours in hospitals and ultimately, loss of lives.

Why?

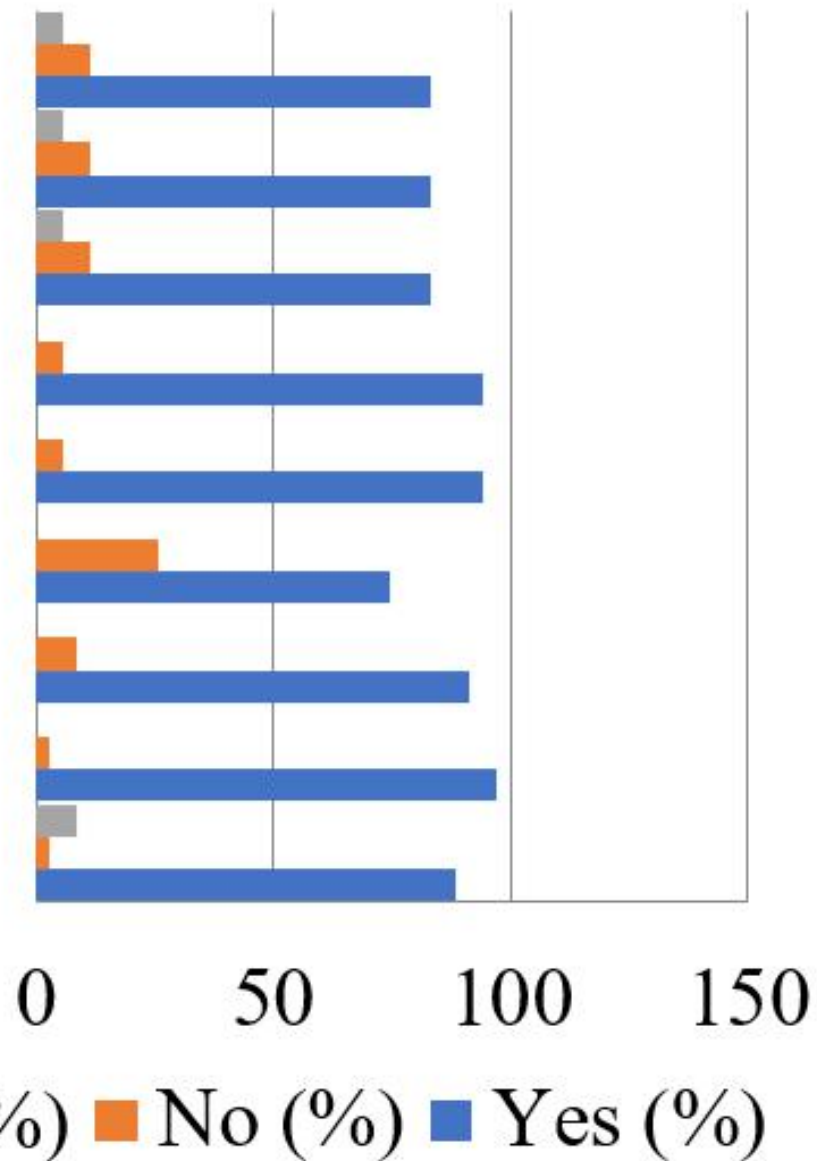
Solving this problem would result in an improved coordination in healthcare delivery while enabling a seamless access to patients records across healthcare facilities.

❖ Healthcare practitioners

❖ Patients



Increase Prouctivity
Less Prone to errors
Research
Timely access
Capture all service
More service
Administration
Less Paper
Transcription cost



**Perception of Health workers
on EHR**

**(Source: National Library
of Medicine, 2022)**

EHR Benefits

Patient-centric



Improve waiting lists



Full access to your own records



Secure data



Healthcare professionals can work together in realtime



Source: <https://www.ukessays.com/essays/information-systems/information-systems-for-electronic-health-records.php>



❖ With the help of EHR, a doctor is able to see all the data gathered by various professionals in the patient's medical history and compare the results for a more effective treatment plan.

Solution

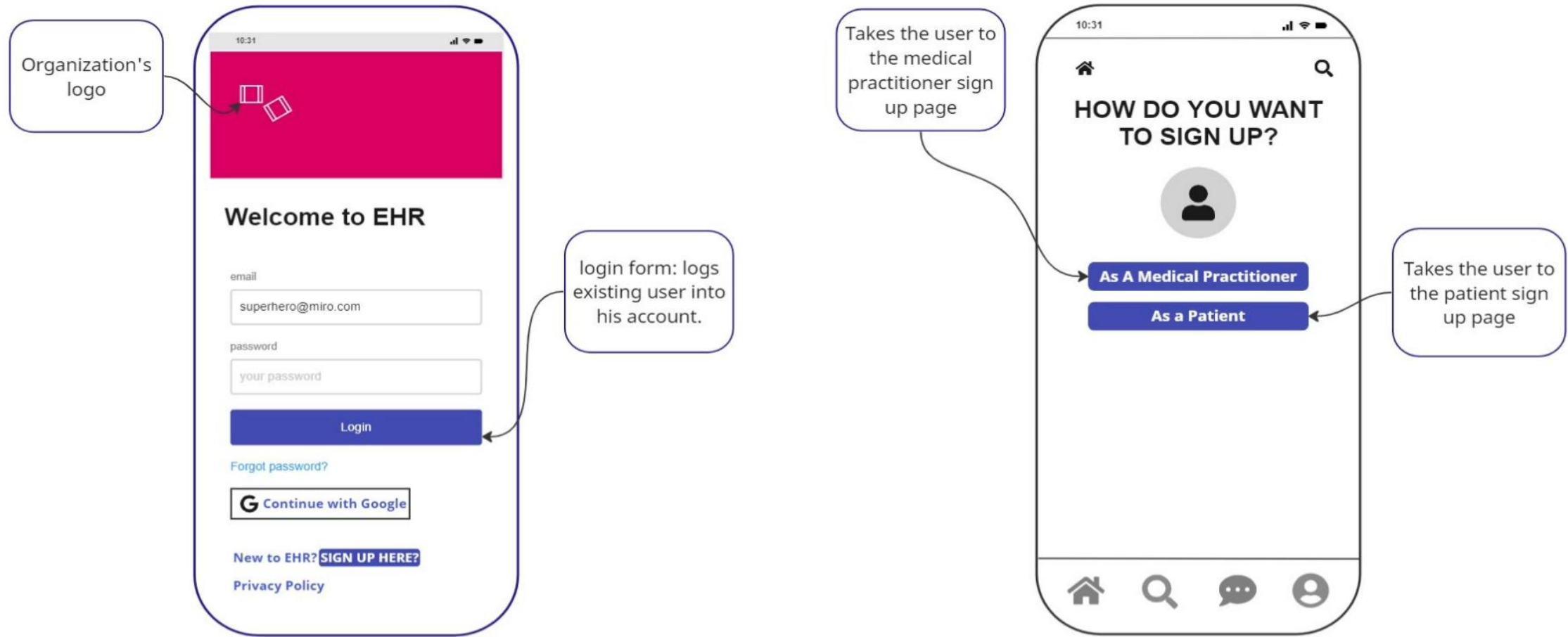
Develop a website that tracks patients whole health record across various healthcare facilities

Why this solution would be effective

Giving healthcare providers a comprehensive view of the patient's medical history enables better-informed diagnoses and treatment decisions thus saving lives.

Why this Solution?

It is more efficient, accurate, and secure, and it will be the first unified E.H.R in Nigeria.



Electronic Health Record



Pain
Points?

- ✓ Integration Challenges
- ✓ Data Security & Migration

Recommendation

Integrate access for users to create patients' unique identification numbers and it should be tied to their National Identity Number(NIN) to avoid duplicate records of patients

RECOMMENDATION

If funded: WHAT NEXT

"If funded, this Electronic Health Record (EHR) project will:

1. Revolutionize healthcare data management across health care facilities .
2. Improve patient outcomes.
3. Will develop a comprehensive and user-friendly EHR system that seamlessly integrates with healthcare providers' workflow with the necessary resources.
4. Implement state-of-the-art security measures to safeguard patient data while ensuring easy accessibility for authorized personnel.
5. Pave way for enhanced data analytics, streamlined communication, and efficient patient care delivery.
6. And ultimately transforming the healthcare experience for both providers and patients."



Photo credit; iStock

Why the solution could make an important difference is restated.

The importance of a unified EHR cannot be over-emphasized. This solution has the potential to greatly enhance care quality, efficiency, and patient safety by allowing doctors access to patients' medical records from different healthcare facilities with just a click, unlike the paper-based record system.

additionally, it will be the first unified E.H.R. in Nigeria and that's something to be excited about.

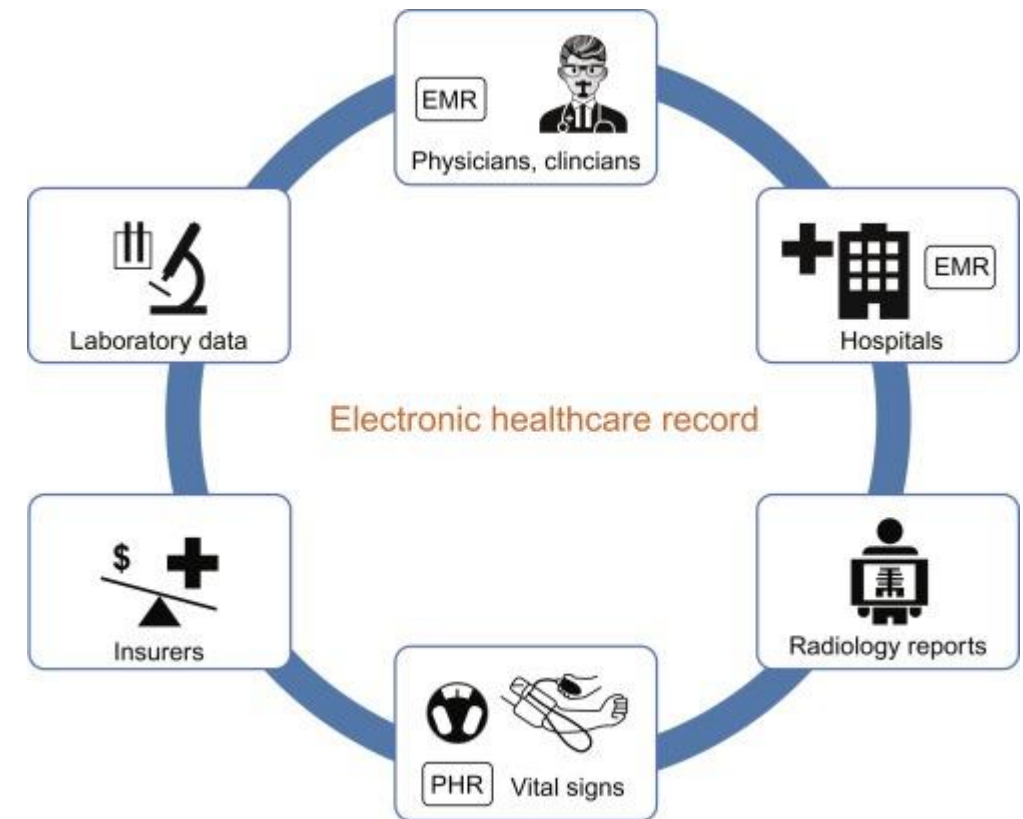


Photo credit; ScienceDirect.com

THANK YOU!