

HEALTH MEETS TECH.



Technology is playing a greater role in driving innovation and development in the modern world. More attention is being paid to the convergence of the health and tech potentially leapfrogging stages of development in the health sector and economy at large.

In recent years, EpiAfric has helped create and support opportunities to promote innovation in the healthcare industry through working more closely with other sectors, most notably the technology and business industries.

Sequel to conversations from the '2016 'Health Meets Tech' Future of Health Conference hosted by Nigeria Health Watch, the consensus was that a further meeting point - hackathons - was needed. Through EpiAfric's hackathons and Quarterly Meet-ups, the emergence of collaborations and connections between health practitioners and the tech gurus, has given rise to a vibrant 'home-made' health-tech Community. Key challenges in the health sector continue to be tackled at these hubs across major African cities.

POWERED BY:



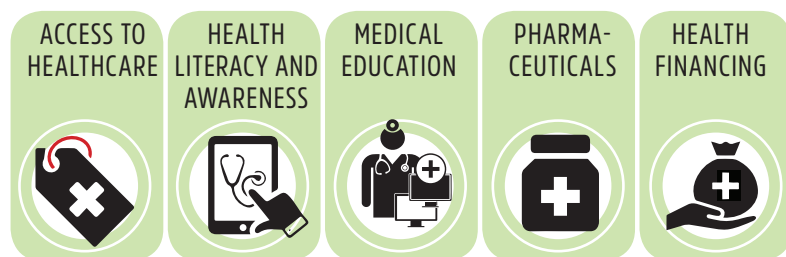
Lagos Hackathon

CO-CREATION HUB, YABA, LAGOS. JUNE 2017

The inaugural event brought together health professionals, enthusiasts and technology experts to jointly generate and design innovative solutions that would potentially address key challenges in the health sector.

Five main themes emerged from the shortlisted ideas as key areas where hackathon participants should focus their efforts. Five teams were formed with each team handling one of the themes. Each team had diverse skills consisting of developers, designers, multiple health practitioners, and enthusiasts. They collaborated to build prototypes of technological solutions that could be implemented in the health sector to improve health outcomes for the average Nigerian.

General Health Themes



The Partners



Participant Solutions

Swift EC online emergency response system	Baby care to increase access to immunization services	BetaMedic solution to address the health literacy challenge in the health sector	miChoice web-based contraceptive tool to tackle the problem of contraceptive uptake	Msured app solving the problem of health insurance
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Panel Discussions

The event kicked off with two panel discussions moderated by Nigeria Health Watch Curator Dr. Ike Anya. The discussions highlighted the present realities in the healthcare sector amidst shared stories

The Takeaways

Created innovations must fit purpose, be user friendly and realistic to the present status of the Nigerian health sector.

There is a need to importance of understanding the target market if indeed the intended solution will solve a real problem.

It is important to build tech solutions that will adapt to the way the target end users use information.

Budget holders need to see technology through the health lens.

Start with people first, then process and then technology

Build for the future.

The Buzz

Brilliant. Good start. It's time to look inwards for homegrown solutions that are appropriate for our environment. It's time to unlock and unleash the enormous talents in our people. Let's stop begging.

Tunde Fakunle

July 7, 2017 12:48 am

Great job guys! I love the thought of this event taking place. Thanks to the organizers and sponsors! It was good to see the wonderful ideas coming out of Nigeria. Love you guys lots. Keep up the great work!

Ogonda Bennett,
July 8, 2017 8:04 pm

Great job. And Bravo to the winners and participants at the Hackathon. Keep up the good work, EpiAfric and Nigeria Health Watch. You revived my hope for better quality of healthcare in Nigeria. #KeepPushing!

Dr Chika Nya-Etok
July 11, 2017 9:23 am

Massively encouraging. There is hope for progress and growth in Nigeria's healthcare sphere and hopefully beyond it's borders. Thanks to organizers and participants for helping to promote health and technology for a better healthier populace. Kudos.

Tomi Fasina
July 20, 2017 4:29 am

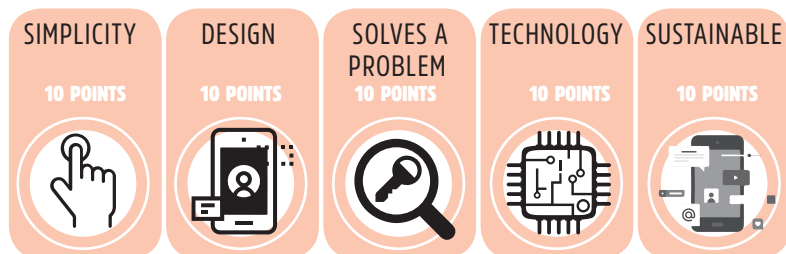
Abuja Hackathon

VENTURES PLATFORM, ABUJA, MAY 18-20, 2018

Traditionally, when we think about tackling infectious diseases we look to the likes of epidemiologists and virologists and not app developers or 'techies.' The #HealthMeetsTechNG **Infectious Diseases Hackathon** may have just changed all of that.

Health workers who specialise in infectious diseases worked with developers from the tech ecosystem to develop solutions focused on surveillance, notification and response to infectious diseases. There were a series of pre-hackathon events: a Meet Up, mentorship tour to Northern Nigeria tech hubs (nHub Jos and Co-Lab Kaduna) and a 35 -minute webinar.

Judging Criteria



The Partners



PharmAccess
FOUNDATION



The Buzz

"In 72 hours you can change the course of Nigeria's health forever by the attitudes and the ideas you share. The greatest challenge in the health sector is what each person does."

W. Stuart Symington,
United States
Ambassador to Nigeria

We had a wonderful experience partnering with @EpiAFRIC for the 2018 #HealthMeetsTechNG hackathon in Abuja. We are thrilled that several participants are still building their innovations one year later with help from @TechRanch and our @pandemic_tech partners!
Endura Ventures
@EnduraVentures

#HealthMeetsTechNG HASHTRACKING

APR 4 – MAY 25, 2018

3,045
POSTS

Number of tweets with the #HealthMeetsTechNG hashtag

10,481,682
TIMELINE DELIVERIES

Total number of times that people saw posts containing the #HealthMeetsTechNG hashtag

417
CONTRIBUTORS

Number of users who posted with the #HealthMeetsTechNG hashtag

1,612,715
REACHED

Number of unique users who saw posts containing the #HealthMeetsTechNG hashtag

Participant Solutions

Sample Movers	Yiino	Emcorp	Safe	Datex	MedShell	AyunaHealth	V-Spotter	Corona Management Services:
To bridge the gaps in the movement of samples arising from routine and emergency surveillance	app to educate kids in a fun way about hand washing and other ways of preventing infectious diseases	Sanibands, a portable hand sanitizer in a hand band, with a web-based app where orders can be placed for them	a surveillance system, where users can report suspected infectious disease outbreaks	mobile technology to create a product meant to help improve health care access in rural areas	app and web-based symptom checker to help people become more aware of the signs and symptoms of infectious diseases	mobile app to improve verified health workers reporting of suspected cases of notifiable infectious diseases	One-Health approach- a platform where users can access veterinarian's advice and treatment for their animals	Betalyf, a solution designed to scale up routine immunization

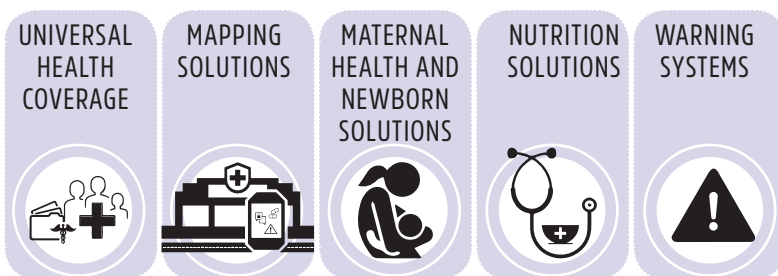
Nairobi Hackathon

IHUB, SENTEU PLAZA, NAIROBI, KENYA. JUNE 9-10, 2018

A record 22 multi-disciplinary teams participated to develop solutions that would improve the quality of healthcare delivery in Kenya and lead to better healthcare outcomes. It was a platform for health workers to interact with developers from the tech ecosystem to develop innovative e-health solutions. To identify health challenges to solve, there was a review of some of the United Nations Sustainable Development Goals (SDGs) health targets.

Three winning teams were given three months of incubation support and an enabling environment to pilot their solutions.

General Health Themes



The Partners



Participant Solutions

ALEX	Chanjo plus	Iris innovations	Nutritribe	Nutritech
Developed an AI-Stick to help visually impaired people use for smart navigation.	a system providing mothers with information on access to vaccines	an AI chatbot promoting mental health in the workplace,	conversational platform for nutritionists/dieticians and users to engage on good nutritions	a messaging system creating awareness on non-communicable diseases affecting the population and by region.

The Buzz

We are proud to participate in the initiative, we see it critical in revolutionizing the Health Care sector, aiding in the achievement of Universal Health Care Beacon Inclusive, @Beacon_Inc_Ke

*Love the idea of the #HealthMeetsTechKE hackathon to bring state of the art #healthcare solutions to #Kenya, working towards safety, health and wellbeing #VisionZeriGlobal
Bernd Treichel, @BerndTreichel*

#HealthMeetsTechKE the teams presented have really awesome ideas...investors be on the lookout @EpiAFRIC @iHub @MOH_Kenya @MolCTKenya Gorclifford, @gogdifford

Well deserved, a workable prototype for team Alex for hackathon. It's been intriguing being a part of all the teams that presented at the same stage. Time to innovate like crazy." #HealthMeetsTechKE rioba, @Rioba_

#HealthMeetsTechKE HASHTRACKING

JUN 10 – 30, 2018

487

POSTS

Number of tweets with the #HealthMeetsTechKE hashtag

6,926,484

TIMELINE DELIVERIES

Total number of times that people saw posts containing the #HealthMeetsTechKE hashtag

146

CONTRIBUTORS

Number of users who posted with the #HealthMeetsTechKE hashtag

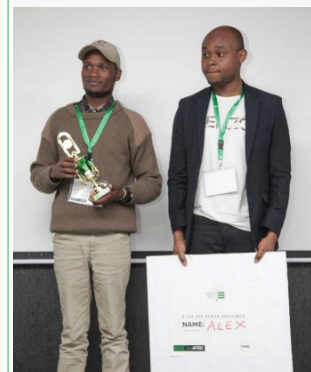
748,654

REACHED

Number of unique users who saw posts containing the #HealthMeetsTechKE hashtag

416f

views for the 3hrs 26mins
Facebook Live video

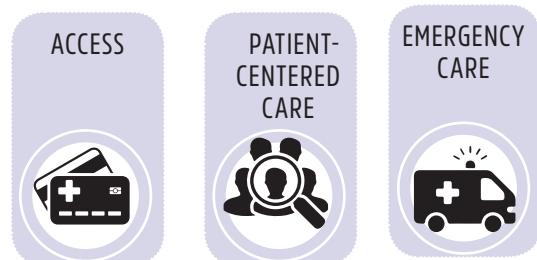


Johannesburg Hackathon

In the last decade, South Africa has expanded its sexual and reproductive health rights (SRHR) policies in the areas of abortion, contraception, youth and HIV treatment. However, there is still a lot to be done as these interventions alone are not enough to strengthen sexual and reproductive health in South Africa.

In the light of this, EpiAFRIC teamed up with activists, healthcare workers and coders for a hackathon to help put solutions in the palm of South Africans' hands. Teams of five or less consisting of health professionals and software developers created applications that will contribute to improving sexual and reproductive health rights in South Africa.

Sexual and Reproductive Health Rights Themes



The Partners



Participant Solutions

Let's Talk Sex

A platform that educate parents on how to communicate sex education to children

Lwazi App

Allows users have private conversations about sexual, reproductive and mental health issues with healthcare professionals.

Team Ribbon Blockchain

Public health Incentives and Gamification System'. This solution aims to increase adherence to testing, treatment and care of STI & HIV patients.

Always Safe-

an application with the aim of having sex work safe. It provides emergency response, aftercare and general support to sex workers.

The Buzz

When #SRHR meet
tech, great things
happen

#HealthMeetsTechSA
@constagoe
@kwasiSELASSIE
Gift,
@Holre160re

Great initiative, great
event @EpiAFRIC. HT
@ekemma
#HealthMeetsTechSA
Roxy
@Roxy d Villiers

Your passion and commitment to the healthcare sector in this country is commendable. Your innovation is a testament. Incredibly proud of you @Nzinga1663 #HealthMeetsTechSA Obakong Leseoyane @ObakongLeseoyane



#HealthMeetsTechSA
HASHTRACKING

NOV 1 – DEC 9, 2018

1,120
POSTS

Number of tweets with the #HealthMeetsTechSahashtag

7,431,255
TIMELINE DELIVERIES

Total number of times
that people saw posts
containing the
#HealthMeetsTechSA hashtag

237
CONTRIBUTORS

Number of users who posted
with the #HealthMeetsTechSA
hashtag

1,085,954
REACHED

Number of unique users
who saw posts containing the
#HealthMeetsTechSA hashtag

BUZZ WORDS

(terms most frequently used with the hashtag)



Reproductive | Young | Women | Trust | Solutions | rights | Access | Safe | Africa

125  
views for the **3hrs 35min**
Facebook Live video

#HealthMeetsTech MeetUps

FEBRUARY 2018 AND NOVEMBER 2018

MeetUp 1

Health Care Start-ups

In order to create a vibrant 'home-made' health-tech community, EpiAFRIC and partners hosted the first quarterly #HealthMeetsTech Meet Up in February 2018 at the Ventures Park, Abuja, Nigeria's capital city.

Key players in both the health and tech spaces were on ground to lend their voice.

Dr Ikpeme Neto, co-founder of Digital Health Nigeria, joined virtually and gave an important lecture highlighting his experiences running a Health-tech start up in Nigeria.

MeetUp 2

Data for Health Care Innovation

"You have to really understand what you are collecting data for and more importantly, why you are collecting data.

If you're building technology in health, learn about the different data protection laws in the world. Nigeria will eventually get there so it's better to protect yourself now.

Document properly. Learn and build on the right platform, make sure you hold yourself accountable."

Ezinne Anyanwu,
MD/CEO, Efferent Services

"Big data offers big opportunities in healthcare. Nigerian healthcare organisations can do much more when they deepen their capability in driving data driven innovations. When it comes to data confidentiality, part of our problem is the regulatory system. If we don't know what the standards are, then we are in trouble."

Dr. Olusesan Makinde
Chief Operating Officer, Viable Helpers Development

"When you deal with data, it is very important to comply with standards so that you can to share and what not to share

When you share data, you need to know what is publicly available and who is accessing it.

From my experience of working in the field of public health, we do not have a lot of existing good data available and even when you find them, most of the times the quality isn't something you can write home about,"

Mr. Dami Sonoiki,
Deputy Director, GIS and Analytics, E-Health Africa

"We should not leave our public servants behind when we are having conversations like these. We must build their capacities because they implement the laws that affect us.

Public sector engagement is something we cannot run away from because the government decides what we do."

Obinna Akabiye
Nigeria Centre for Disease Control (NCDC)

KEY THEMES

The November 16, 2018 focused on :

- the use of already available data/ statistics to inform innovation design,
- generating user data from Field Testing,, and
- managing data confidentiality.

TAKEAWAYS

Many trends drive innovations in healthcare, and it is important to watch all of these.

It is also important to remember that healthcare organizations can do much more when they deepen their capability in driving data-driven innovations.

Data is strategic and profitable

#HealthMeetsTech In Pictures



#HealthMeetsTech In Pictures

Feedback

From: Aaron Ogunde

Sent: 27 February 2019

Subject: Re: Health Meets Tech

We have been faring on well with regards to our project. We recently signed a partnership agreement with the Kenya Society of the Blind (KSB) to pilot our canes with them. We have also recently won over the support of the Kenyan ICT Authority (ICTA), under their mandate to support local innovation and talent.

Thank you once again for organizing the Health Meets Tech competitions event. We were able to achieve quite a lot in preparation for our upcoming pilot programme.

