Mobile App Planning

A presentation by Masimba Muziringa

"Every day, tens of thousands of children and adults die needlessly for want of simple, low-cost interventions – interventions that are often locally available but simply not provided in time. A major contributing factor is that the mother, family caregiver or health worker does not have access to the information and knowledge they need, when they need it, to make appropriate decisions and save lives."

http://www.hifa.org/about-hifa/why-hifa-needed

Zimbabwe cholera deaths at 24, drugs resistant: WHO

By AGENCE FRANCE PRESSE, Harare, Zimbabwe, Sep 13 – 2018

"The death toll from a cholera outbreak in Zimbabwe has risen to 24 with first-line antibiotics struggling to treat the disease which has spread from the capital, a World Health Organisation report said Thursday."

Mobile App Development-Intervention

 Mobile penetration rate for Zimbabwe reportedly at 95%

 Clinical guidelines produced in print, sometimes not readily available and accessible.

 Significant population of healthcare professionals failing to access/use knowledge for clinical decision support

What is it?

- A free web-based mobile app
- It facilitates real-time searching for the best available research evidence to inform health care decisions
- Available at the point of patient care- point-of-care resources
- Accessible via smartphone or Tablet

Objectives

- Increase access to point-of-care resources (e.g EDLIZ)
- Support evidence based healthcare
- Provide access to locally generated contextual evidence
- Improve healthcare outcomes for the people by supporting clinical decision making
- Provide 24/7 access to evidence in support of clinical decision making

The Journey!!

- Established an all inclusive TWG on the Mobile app development.
- The TWG meets every month to delibarate and come up with agreed positions.
- The TWG comprises of;
 - Healthcare practitioners
 - MoHCC
 - Industry/Commerce

Target Group

- Healthcare professionals
 - Doctors
 - Nurses
 - Pharmacisits

- Industry
 - Healthcare funders
 - Technology industry

Progress to-date...

- Phase 1: Pre-planning and research
- Phase 2: Mental Prototyping
- Phase 3: Technical Feasibility
- Phase 4: Building a prototype
- Phase 5: Designing and development of App
- Phase 6: Testing the mobile App
- Phase 7: The launch

Impact Assessment

The use of the mobile app will also enable research into evidencebased practice by addressing these questions:

- How often do people ask clinical questions using the app?
- What questions do people ask?
- Does individual EBP improve clinical decision making?
- How frequently is the app downloaded and used? (Standard metrics)

END

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ADHL: Mobile App Development Planning

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