



Mobile Phone-Based Service Delivery Training Program

Federal Ministry of Health



Nigeria
Good People Great Nation

CHALLENGES IN CURRENT HEALTH WORKER LEARNING PRACTICES

Conducting Healthcare Worker Trainings

- Significant financial costs, logistical challenges
- time-consuming and takes health workers away from clinical duties
- High health worker attrition → increases training needs

Supervision and Mentoring

- Quite infrequent due to huge resource outlay



Overall, insufficient training and lack of adequate and continuous support hinders HCWs' ability to effectively provide good quality maternal and neonatal care.



THE SOLUTION: mhLearning

The development of a mobile phone-based learning application is to address these challenges.



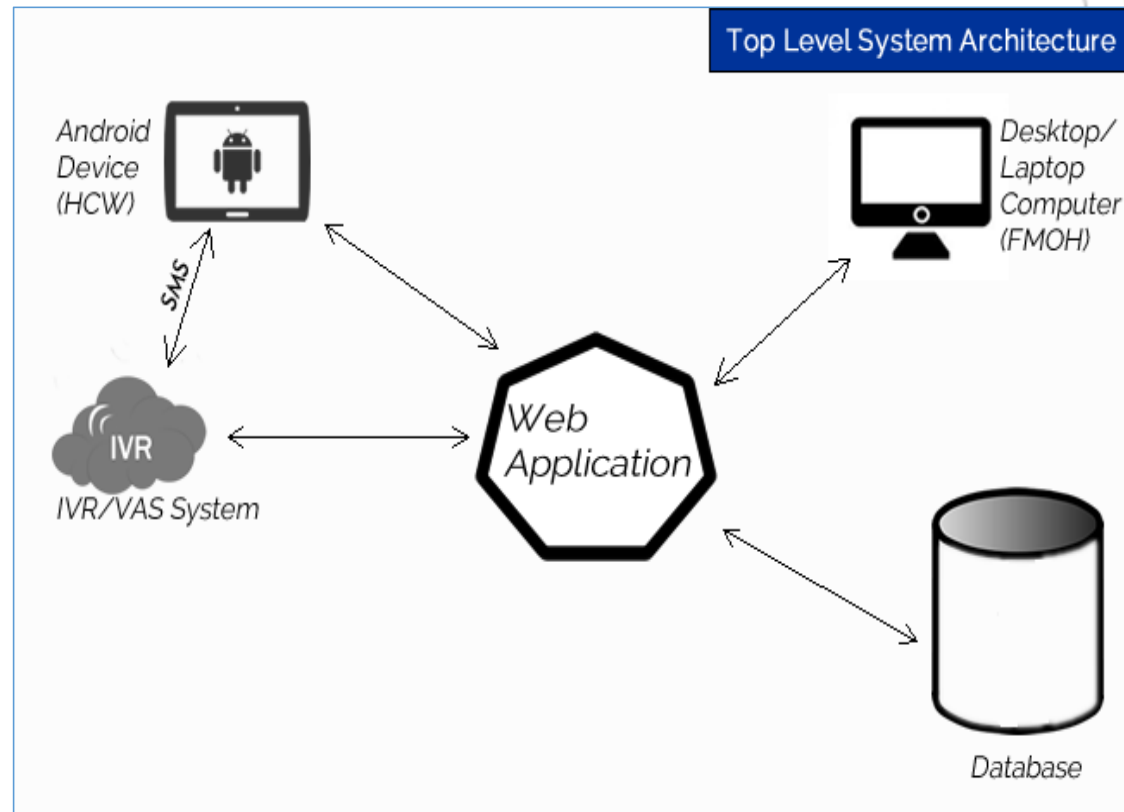
mTrain – Component & Architecture

Components that make up the platform:

1) Mobile Learning Application

2) Web (Server) Application

3) IVR/VAS Services



mhLearning CONTENT

Training content will:

Provide Refresher Training

- Aims to replace didactic classroom training (~75% of current training curricula)
- Practical training will continue at clinics and hospitals.

Leverage existing training materials & guidelines

- Start with high-impact Maternal, Neonatal, and Child Health modules

Apply across different cadres of healthcare workers

- Community health extension workers (JCHEWs, CHEWs, CHOs)
- Midwives & Nurses
- Doctors

Adapt available video, audio & text content

- Integrated Management of Childhood Illnesses
- Essential Newborn Care
- Live Saving Skills



IMPLEMENTATION PLAN

- Engagement with FMOH and other key stakeholders
- Conducted facility and feasibility assessments
- Develop system design and technical requirements for the system, with sign-off from FMOH and stakeholders.
- Adapt training curricula for a mobile platform
- Software development
- Conduct baseline assessments
- Field testing of completed application
- Phased deployment of solution and training of HCWs
- Monitoring pilot progress
- Post-pilot assessments and evaluation
- Final report and study abstract developed
- Conduct advocacy for scale-up



IMPLEMENTATION PLAN: Pilot

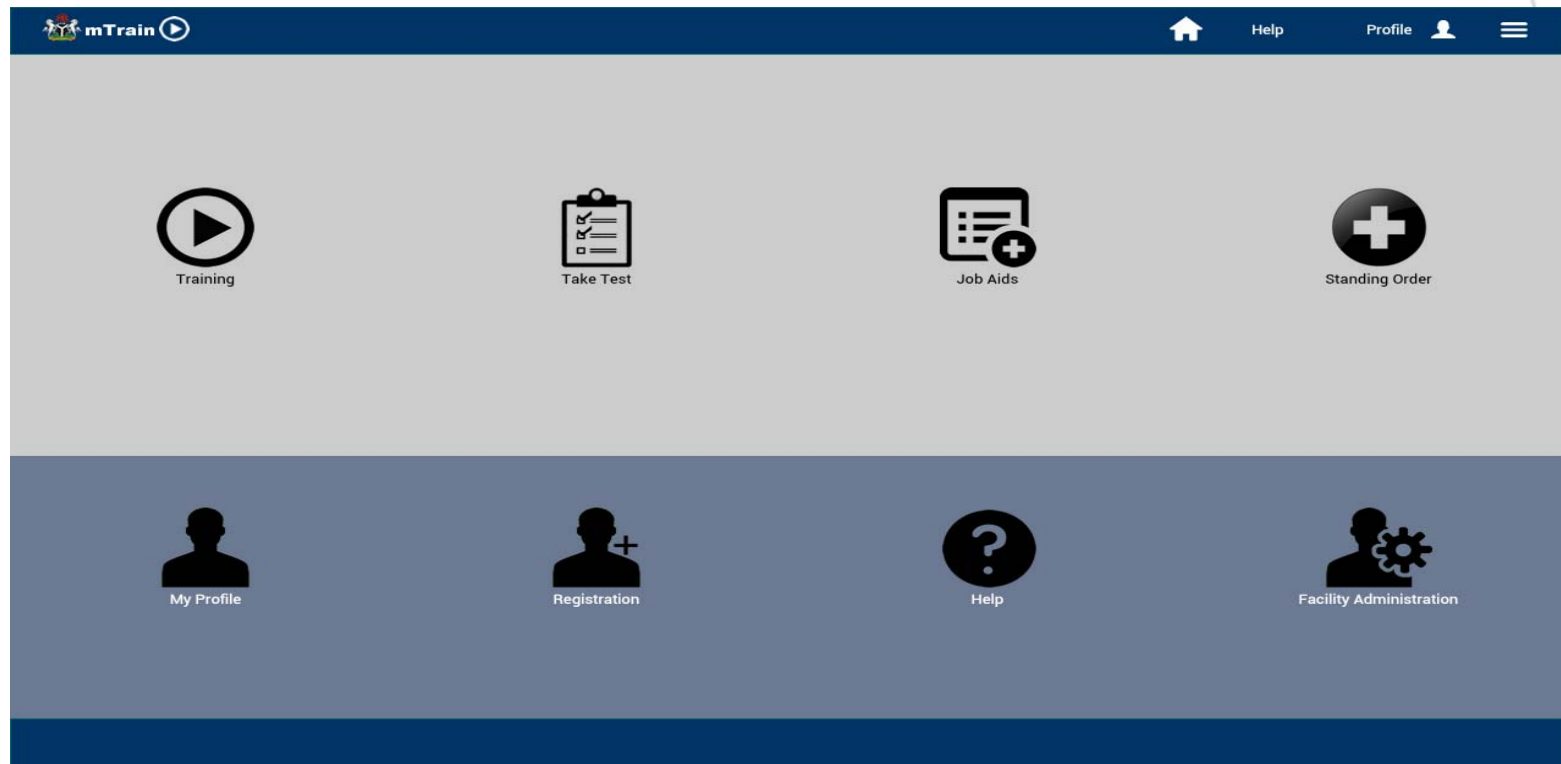
- The application is being deployed as a pilot in 4 states: Rivers, Oyo, Kano and Ebonyi
- on selected high-impact Maternal, Neonatal, and Child Health content
- at 50 health facilities in each state
- with a tiered deployment on basic- and smart-phones

Training content is produced for:

- basic phones on IVR (voice), and SMS/USSD (text)
- Smartphone content will have videos and animations



Mobile App - Home Screen



Long Term Vision

Potential for Scale-up

- More health workers
- More cadres of health workers
- More training content

Additional Features

- Patient case management
- Supportive Supervision
- Data Collection

Incorporate the application into national training strategies and curriculums

Allocate cost-savings from the training budget for system maintenance and scale-up

Improve the competence and capacity of health care providers and consequentially the quality of health care provision in the country.



Questions?



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