











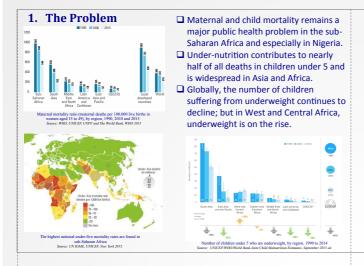


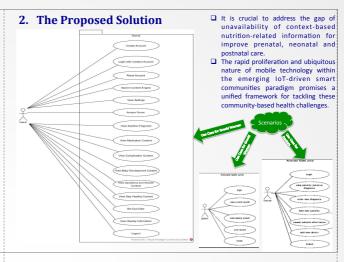
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GRAVID: An Indigenous m-Health App for S&CC

Joke A. Badejo, Ayomikun S. Akinseinde and Rejoice N. Malgwi

Covenant University, Ota, Nigeria

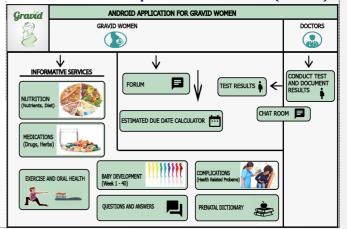




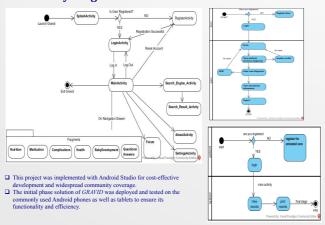
3. Description of the System

- ✓ GRAVID is an indigenous smart application that addresses the gap of unavailability of context-based nutritional, drug and substance abuse as well as medical information appropriate to meet identified needs of gravid women and subsequently their babies (for 5 years); within the African-
- ✓ GRAVID also provides a monitoring tool for the healthcare givers to track the progress of the gravid woman they oversee.
- ✓ It is intended that this solution will also provide a source of collecting data to update necessary information as well as addressing related community-based issues to reduce the maternal and child mortality rates.

Architecture of Proposed mHealth solution (GRAVID)



5. Activity Diagram for GRAVID



6. Screenshots of GRAVID as deployed at the Initial Phase



- ☐ The subsequent phases will be deployed with regular updates from national health professionals (such as nutritionists, midwives) to enhance prenatal, neonatal, postna and subsequent under-five care services in the community.
- \square It is intended for use by gravid women and their relatives as well as community health