











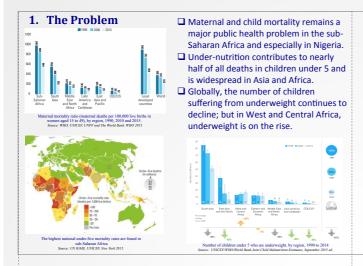


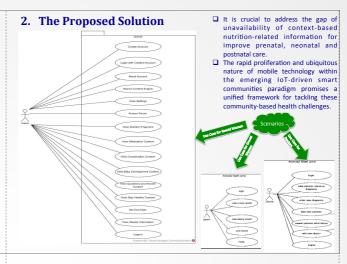
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# **GRAVID**: An Indigenous m-Health App for S&CC

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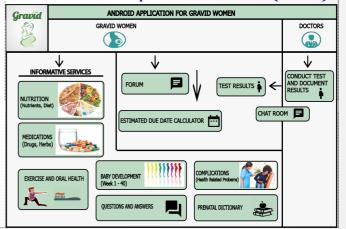




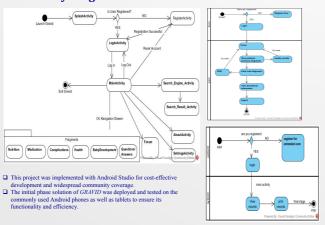
#### 3. Description of the System

- ✓ 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