Smart Phone Vaccine Registry

Ivan Darmansyah, Dylan Contris, Nathan Brandes, Brendan Elmer, Cody Bentosino

Target Users

South Sudan Health Care Workers - Currently using a paper based system:

Problems:
- Difficult to maintain
- Collecting data for follow-up takes time
- Data is hard to access

Related Work

mVAC - Mobile innovations in recording child vaccination and health data in immunization registers
ODK Clinic - Design of a Phone-Based Clinical Decision Support System for Resource-Limited Settings
National Registry – Existing systems serve as a model

Field Work

Path – Brian Taliesin Senior Systems Analyst tested the applications practicality
Existing US Systems – Rebecca Hills
Registry Practices in Rural Areas – Islam Ahmad and Jordan’s vaccination process

The Application

Vaccine Chart (Suggests vaccines based on patient data and vaccine schedule)

Patient Registry

Solution - Child immunization registry mobile application and central database designed to assist Health Care Workers operating in rural environments

Benefits -
- Reliable and accessible data storage
- Mobile-app allows HCW’s to use the system anywhere they go and provide updates to all other HCW’s immediately
- Provides data to assess which rural areas need immunizations

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http://www.cs.washington.edu/education/courses/cse481k/12sp/