

Smart Phone Vaccine Registry

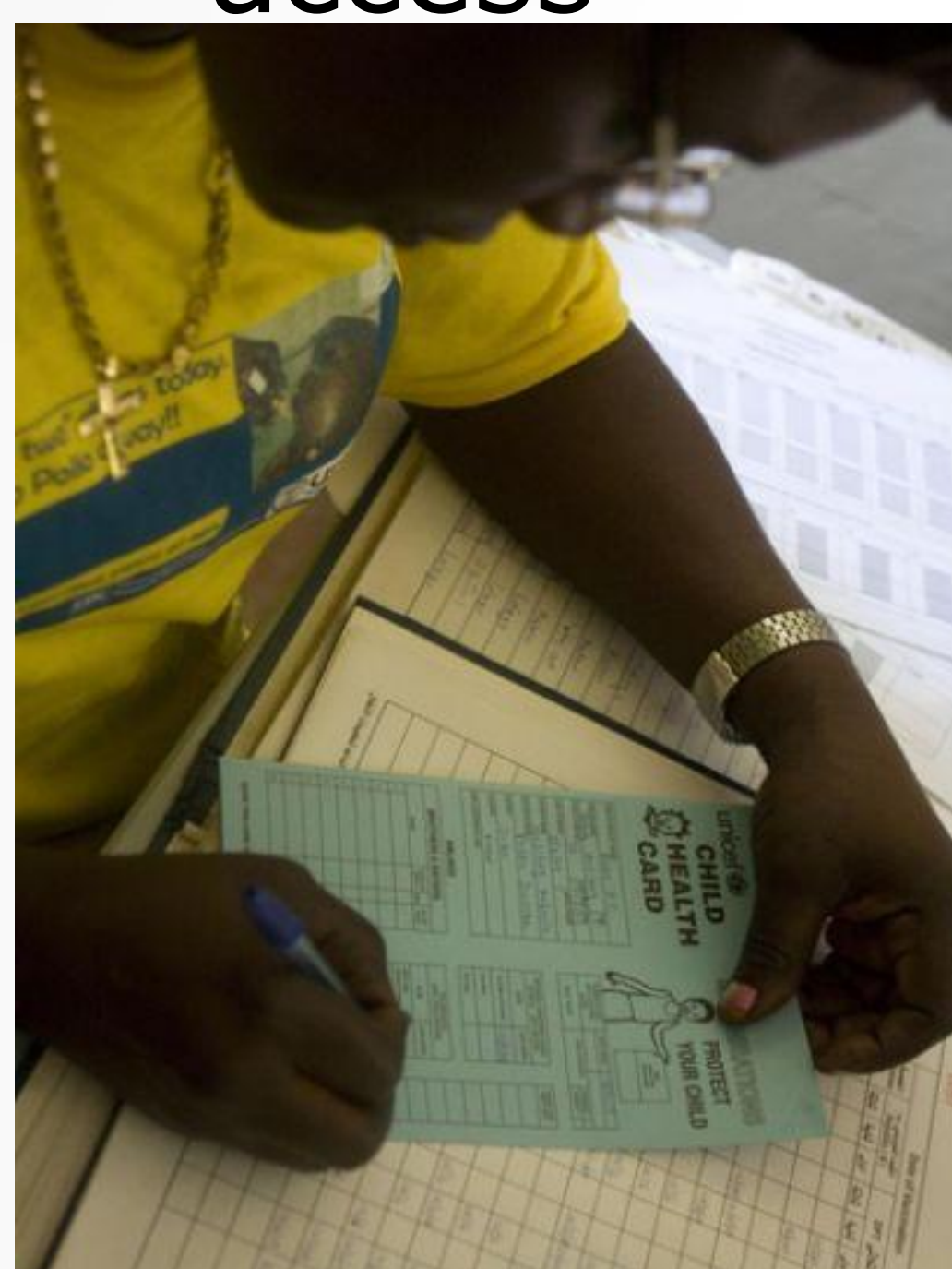
Ivan Darmansyah, Dylan Contris, Nathan Brandes,
Brendan Elmer, Cody Bentosino

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

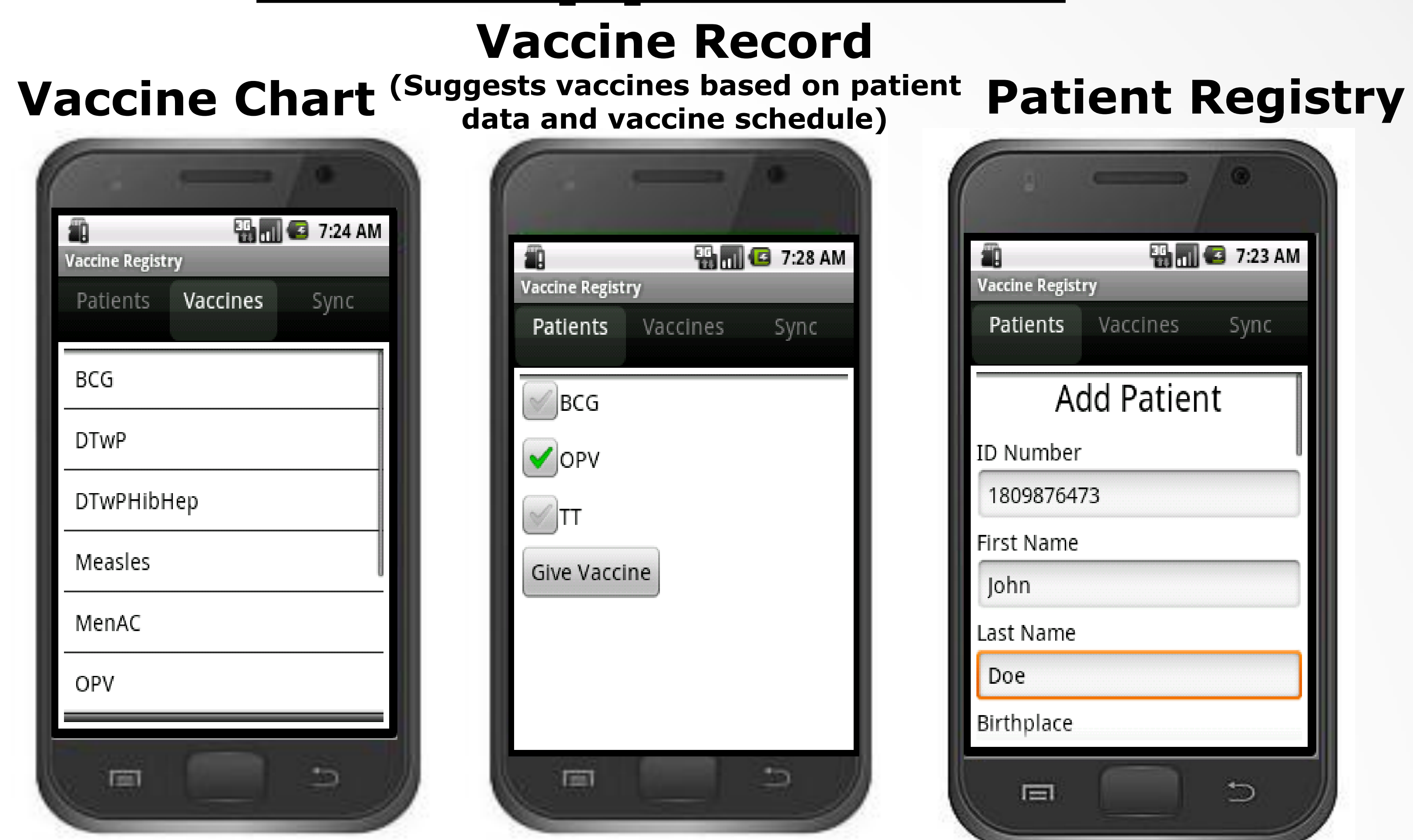
National Registry - Existing systems serve as a model

Field Work

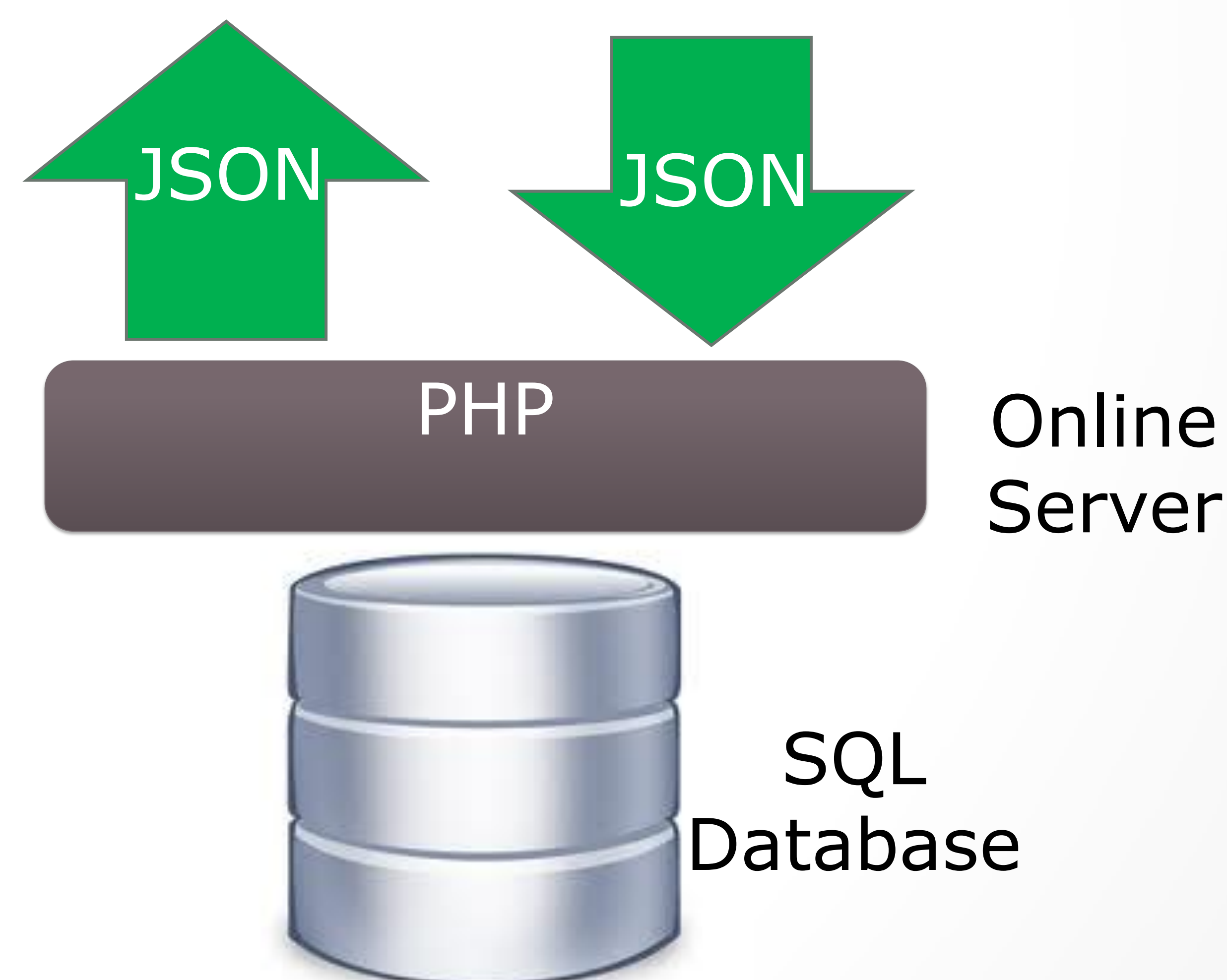
Path - Brian Taliesin Senior Systems Analyst tested the applications practicality

Existing US Systems - Rebecca Hills
Registry Practices in Rural Areas - Islam Ahmad and Jordan's vaccination process

The Application



Android 2.1



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