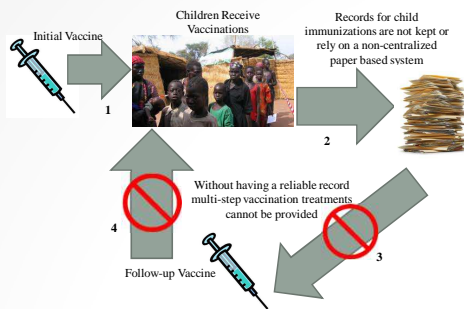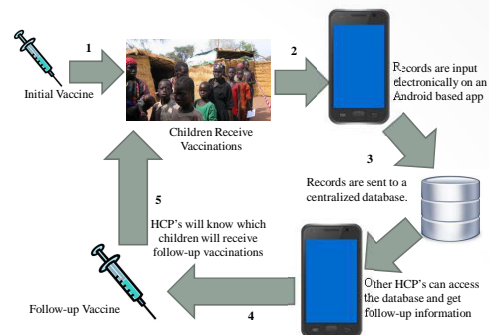# Smart Phone Vaccine Registry

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Problem

Solution Idea
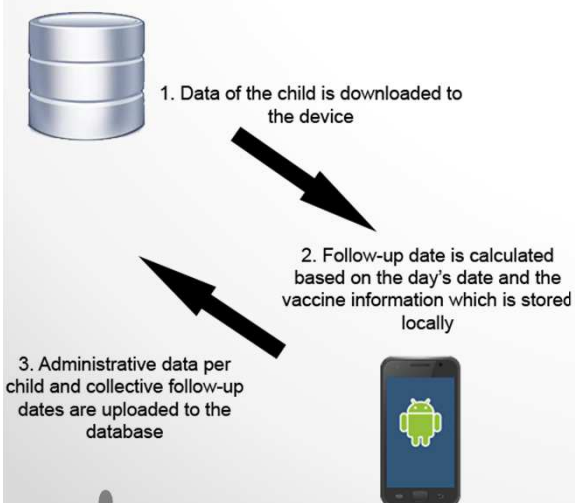

Related Work

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

Field Work

A video of a vaccination process in Sudan shows that they are used to the paper-based system and people receive a ticket after registration. It will be incorporated in our design such that the Android application will show the list of vaccines a child needs and the list will then be written to the ticket stub

Architecture

1. Data of the child is downloaded to the device

2. Follow-up date is calculated based on the day's date and the vaccine information which is stored locally

3. Administrative data per child and collective follow-up dates are uploaded to the database

Prototype

Spring Quarter Timeline

March 26			June 1
Ethnographic Inquiry	Revise Workflow Diagram	Iterative Prototyping	Release of Final Product

http://www.cs.washington.edu/education/courses/cse490d/12sp/