Encouragement System

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Quick reminder of your project

You need iron because it keeps blood doing its job carrying nutrients to your body and your baby. When you don't have iron you may feel tired. The clinic can give you free iron tablets at your next visit.

Iron is good for me. I can get it in the clinic for free.

Each pregnancy and labor may be different. If something goes wrong with labor at home it may be too late to get help. The nurses at the hospital can monitor you and your baby. Put aside a little money each week for transport when you are in labor.
Initial Prototypes Evaluation

- Feedback from the clinical staff at Ahero
- Feedback from Dr. Unger

Feedback

- Patient Information
- Terminology
- Extra Functionality
  - searching patient
Quick Overview of Implementation Plans

- The encouragement system will run as a webserver that can speak to an SMS service.
- We are using Django to host the webserver, and Celery to schedule tasks that interface with the SMS service.
- We were originally going to use Vumi, but a lack of documentation proved insurmountable.
WHAT HAVE YOU ACCOMPLISHED SO FAR?

- We have implemented a simple server that enables adding of clients and nurses.
- Right now not all of the major requirements are taken care of. We have not yet implemented SMS integration.
Simple, interactive prototype:
(http://dl.dropbox.com/u/73828343/Prototype/index.html)
How will you know your solution is a good one?
Usability Testing ("Test early, test often")

What criteria will you measure?
Efficiency, Effectiveness, Satisfaction (Nurse & Client)

How will you ensure that your solution solves the problem?
Nurse can search for clients, add a client, view client history, know when to call/text a client

Who are your target users for your first build?
Dr. Unger

When will that be?
Late May

Who are your target users for the final build?
A Kenyan test group
WHAT IS THERE LEFT TO DO?

- We still need to implement the SMS service and set up the message logic
- It is possible that we will not be able to find an SMS service that has the same API as the one we use in Kenya, leading to testing difficulties
- We still do not know which SMS service to use
- We will research SMS services to see if there are any that operate in both Kenya and the United States
- Implement a clean, finished UI
TIMELINE FOR REMAINDER OF QUARTER

Interface Design Timeline:

○ Incorporate Dr. Unger's feedback (by early May)
○ Usability Testing - Dr. Grace John-Stewart & others (by mid May)
○ Update prototype in response to user testing (by May 24)

CSE Timeline:

○ Implement SMS functionality (early May)
○ Message logic, including automation and trains (mid May)
○ Create working UI that mimics the prototype as closely as possible (by late May)