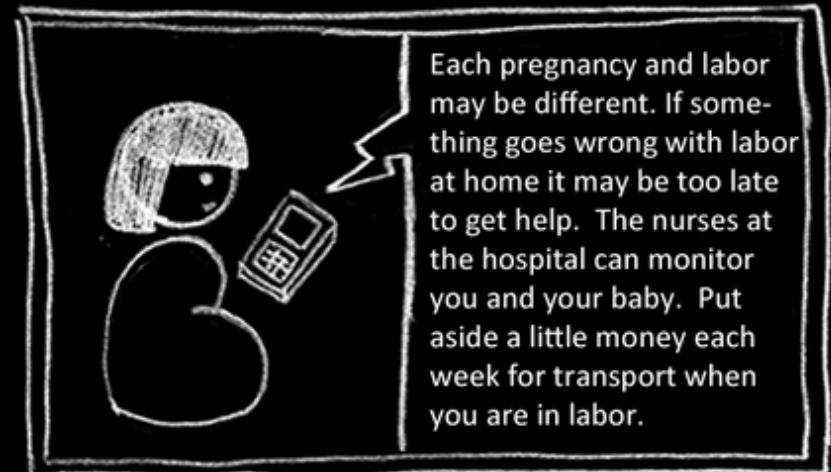
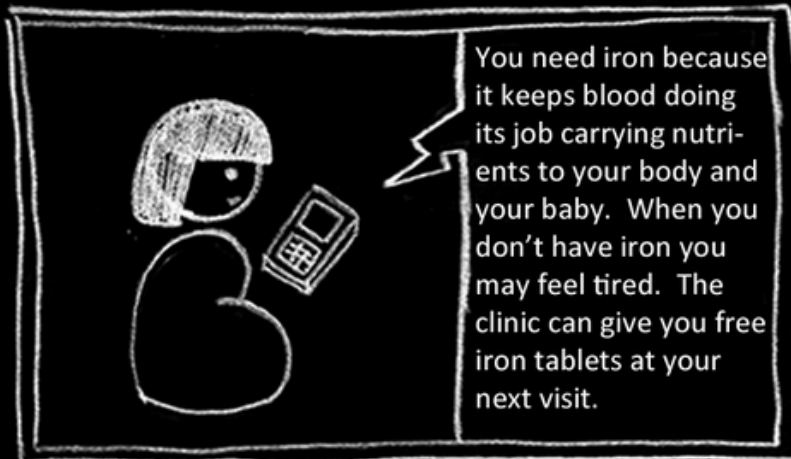


Encouragement System

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QUICK REMINDER OF YOUR PROJECT



Initial Prototypes Evaluation

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

Feedback

- Patient Information
- Terminology
- Extra Functionality
 - searching patient

The screenshot displays the 'Encouragement System Inbox' interface. On the left, a list of messages is shown, sorted by priority. The messages are from 'Abuya Abasi', 'Mukami Adoyo', 'Hamisi Omondi', 'Murugi Onyango', and 'Elinah Atieno', all with the text 'I don't know if I should eat fish or not. It makes me itchy.' Below these are several messages from 'Eucabeth Owiti' with the same text. The main area shows a detailed view of a message from 'Abuya Abasi' dated 02-09-2012, with the text 'I can only save \$20 this month.' Below this is a response from 'YOU' dated 02-09-2012, saying 'It's okay. Do your best!'. There are also two 'SYSTEM' messages dated 02-04-2012, both saying 'save \$30 this month for the transportation to hospital on your delivery day.' At the bottom of the main area is a text input field with 'You should' and a 'SEND' button. On the right, there is a 'Profile Information' section for 'Abuya Abasi' with details: NAME: Abuya Abasi, PHONE NUMBER: +254 722 002100, BIRTHDAY: 10-30-1988 (23 years 4 months old), DUE DATE: 8-20-2012 (10 weeks), RISK LEVEL: High, BABY GENDER: Girl. Below this is a 'User Preference' section with MESSAGE FREQUENCY: 5 days and TIME: Evening. At the bottom of the profile section is a 'Clinic Visit History' table.

Visit Status	Date	Days Ago
Scheduled	3-28-2012	In 18 days
Visted	2-21-2012	20 days ago
Visted	1-16-2012	68 days ago

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

PROTOTYPE DEMONSTRATION

Simple, interactive prototype:

(<http://dl.dropbox.com/u/73828343/Prototype/index.html>)

EVALUATION PLAN

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)