

+MedLink

User Guide & Product Screenshots

Project Goals

- World-Wide applicability across multiple countries
- Immediately useful in developing countries
- Extensible: can work with any inventory system
- Internationalized: not just English
- Multiple Interfaces: Web, Smart Phones, SMS, Email
- One piece of a larger whole
- Reusable across other domains (schools, businesses, ...)
- Deployable in July 2013

User Interface (UI) Goals

- Simple, small-footprint interface that will work across a broad range of web browsers, smartphones, and feature phones
- Quick to learn
- Easy to use
- Multiple UIs for: SMS, Feature Phones, and Web Browsers:
 - + SMS-only option for patients
 - + Feature Phone and Web UIs for Health Workers
 - + Web UI for System Administrators (Admins)

Screenshot: MedLink Home Page



+ Simple to use

+ Works on any screen size

+ Quick selection for Patient, Health Worker, or System Administrator (Admin)

Screenshot: Patient Request (1 of 2)

The screenshot shows a mobile application interface for MedLink. At the top, the status bar displays 'AT&T', signal strength, Wi-Fi, time '5:03 PM', location, and battery '96%'. The app header shows 'Medlink' with a lock icon. Below the header is a search bar with the URL 'wastenot.kismetworldwi' and a 'Search' button. The main form is titled 'Please enter your details below:' and contains the following fields:

- First name:** Lamin
- Surname:** Jammeh
- Symptoms:** AIDS symptoms
- Phone:** 7634452
- Email:** laminjammeh@kismetworldwide.com

At the bottom, there is a navigation bar with icons for back, forward, share, home, and a notification badge with the number '8'.

+ Simple to use

+ Works on any screen size

+ Quickly allows those in need to ask for supplies or services

Note: Web-Based and Email UI shown, SMS-based UI to be deployed by June 30

Screenshot: Patient Request (2 of 2)

Phone
7634452

Email
laminjammeh@kismetworldwide.com

Date of birth
2008
June
9

Notes

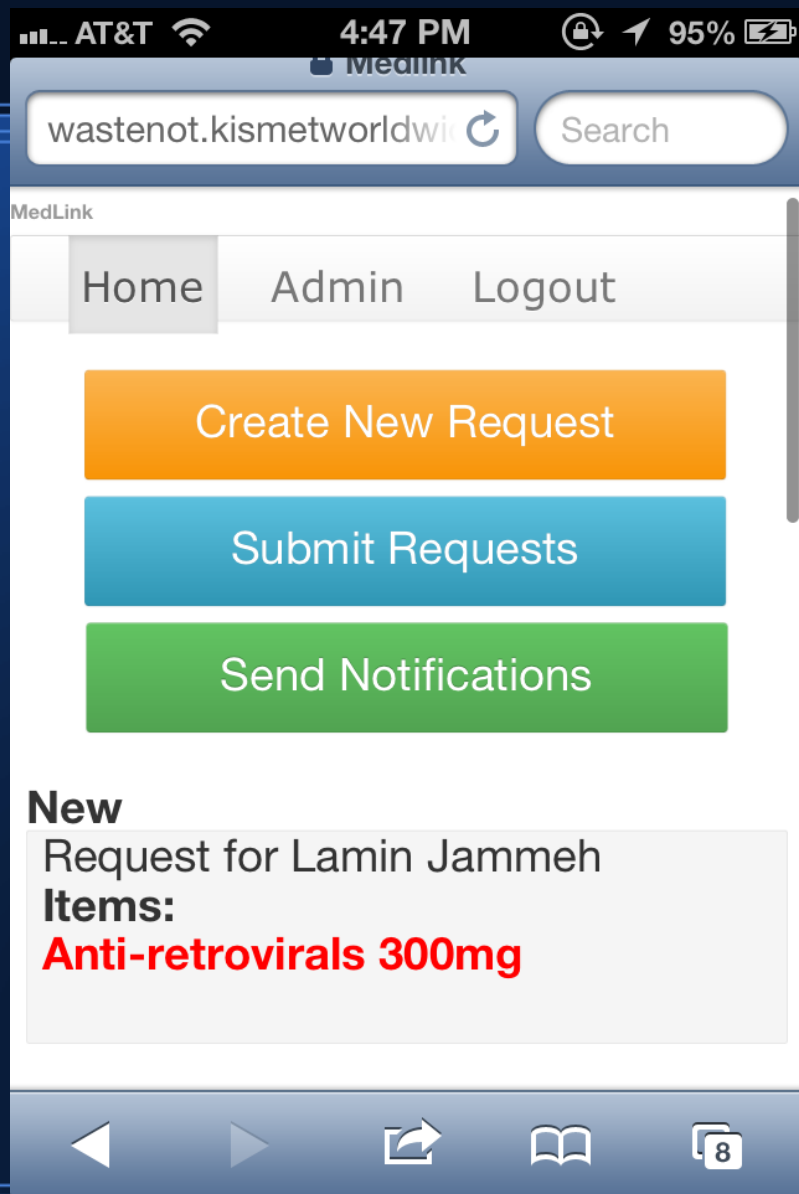
Submit Request

+ Page scrolls to accommodate any screen size

+ User can supply phone number (for SMS replies) or email address (for Email replies)

Note: Web-Based and Email UI shown, SMS-based UI to be deployed by June 30

Screenshot: Health Worker (1 of 7)



+ Simple to use

+ Works on any screen size

+ Lists new requests for processing

Note: Web-Based and Email UI shown, SMS-based UI to be deployed by June 30

Screenshot: Health Worker (2 of 7)

The screenshot shows the MedLink mobile application interface. At the top, the status bar displays 'AT&T', signal strength, Wi-Fi, time '5:06 PM', location, and battery '95%'. The app header is 'Medlink' with a lock icon. Below the header is a search bar containing 'wastenot.kismetworldwi' and a 'Search' button. The main content area has a 'MedLink' title and three tabs: 'Home', 'Admin', and 'Logout'. Under 'Home', there is a section titled 'Create a New Request' with a 'Date' label. Below this are three date pickers: '2013', 'June', and '25'. Below the date pickers is an 'Items' section with a text input field containing 'Anti-retrovirals 300mg'. Below that is a 'Patient phone number' section with a text input field containing '7634452'. At the bottom is a navigation bar with icons for back, forward, share, book, and a notification icon with the number '8'.

- + Health Worker creates a request from the SMS or Email from the patient
- + Simple to Use & Works on any screen size
- + Links request to existing patient (if exists) or creates a new patient

Note: Web-Based and Email UI shown, SMS-based UI to be deployed by June 30

Screenshot: Health Worker (3 of 7)

25

Items

Anti-retrovirals 300mg

Patient phone number

7634452

Patient email

laminjammeh@kismetworldwide.com

Patient first name

Patient last name

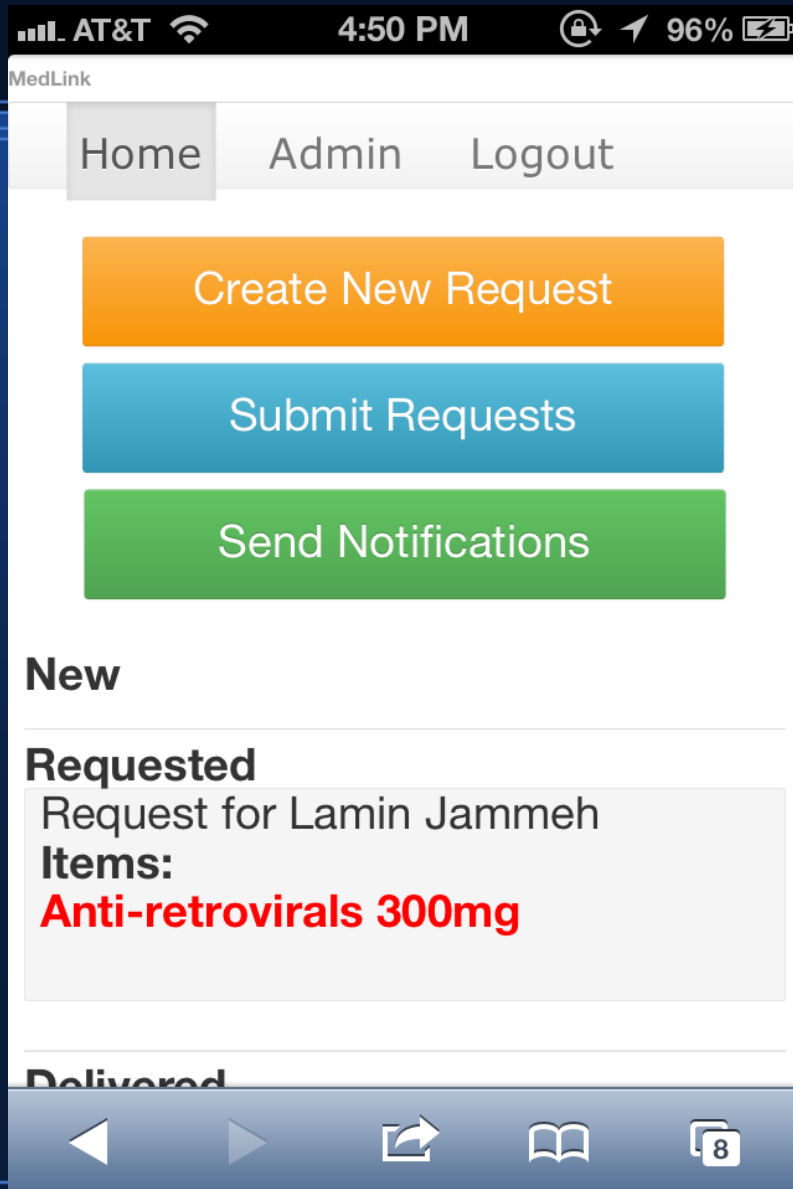
Create Request

Back

- + Scrollable screen for additional detail
- + Can specify specific items and amounts
- + “Create Request” adds the request to the system

Note: Web-Based and Email UI shown, SMS-based UI to be deployed by June 30

Screenshot: Health Worker (4 of 7)



- + Request has moved from “New” to “Requested”
- + “Submit Requests” transfers the request to the Health Center Manager
- + “Send Notifications” sends updates and notifications to Patient

Note: Web-Based and Email UI shown, SMS-based UI to be deployed by June 30

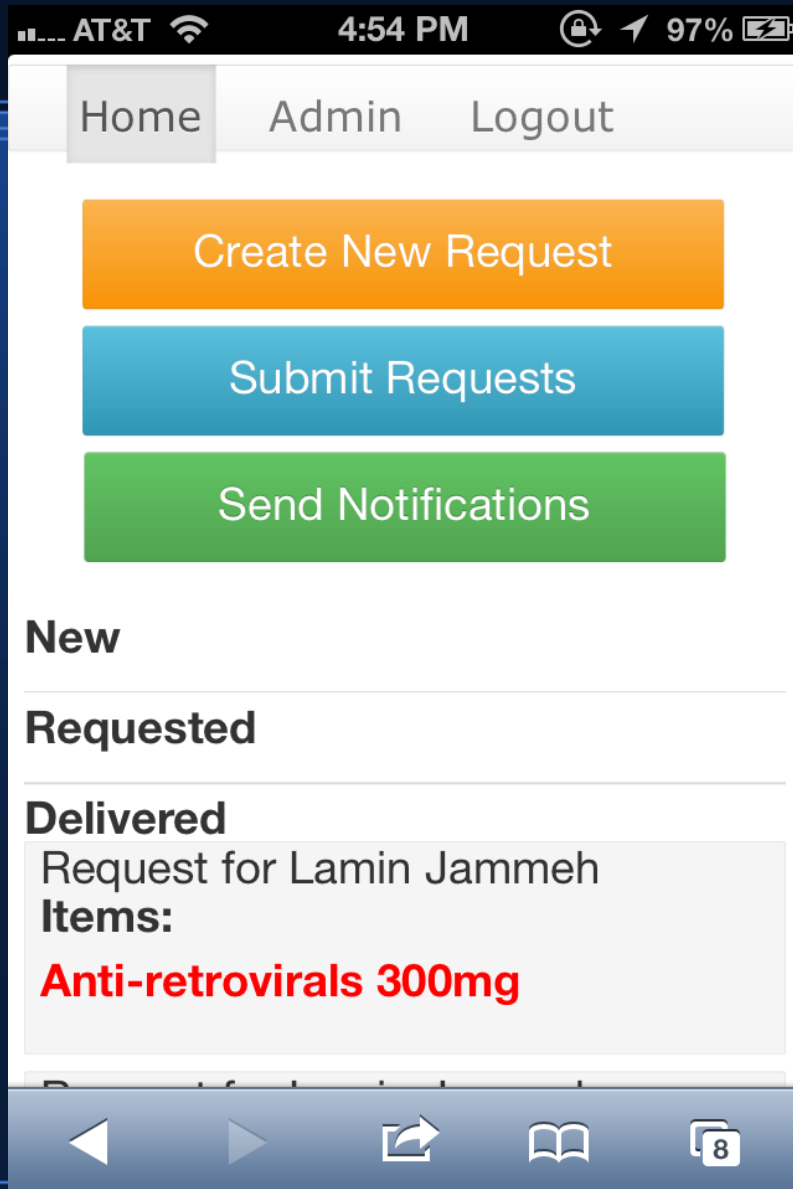
Screenshot: Health Worker (5 of 7)

The screenshot shows a mobile application interface for MedLink. At the top, the status bar displays 'AT&T', signal strength, Wi-Fi, time '5:42 PM', location, and battery '88%'. Below the status bar is a navigation bar with a lock icon and the text 'Medlink'. A search bar contains the URL 'wastenot.kismetworldwi' and a 'Search' button. Below the search bar is a navigation menu with 'Home', 'Admin', and 'Logout' options. The main content area is titled 'Send Out Requests to Administrator' and includes the instruction: 'Use this form to send out an email request to the main hospital.' Below this is a label 'Email Address of Administrator:' followed by a text input field containing 'admin@rvthadmin.gm'. A large teal 'Send' button is positioned below the input field. At the bottom of the screen is a standard mobile OS navigation bar with icons for back, forward, share, browser, and a notification badge showing '8'.

- + Once Request has been entered, can then “Send” request to Health Center Manager for supply check (if the Health Worker cannot perform the check themselves)
- + Integrates Request with existing purchasing and inventory control systems

Note: Web-Based and Email UI shown, SMS-based UI to be deployed by June 30

Screenshot: Health Worker (6 of 7)

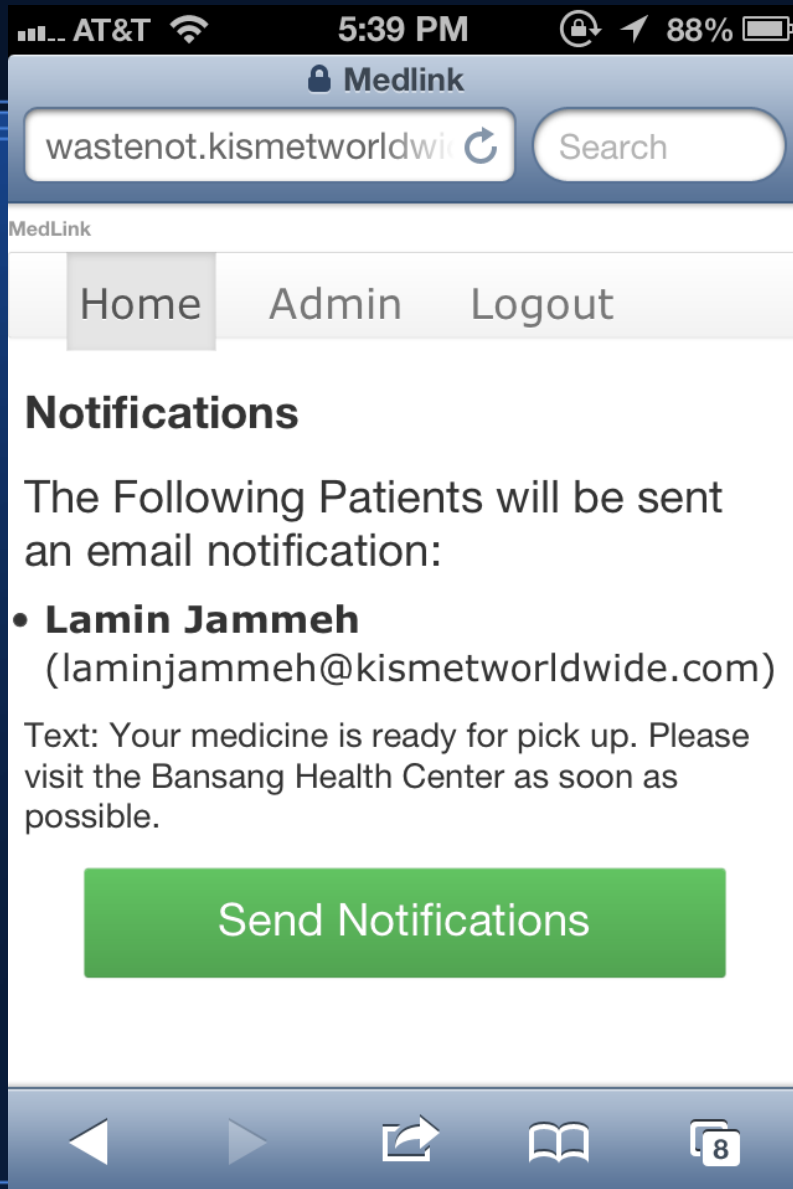


+ Request is now listed as “Delivered” to the Health Center Manager for processing

+ When supplies or services are available, Health Worker will click “Send Notifications” to notify the Patients

Note: Web-Based and Email UI shown, SMS-based UI to be deployed by June 30

Screenshot: Health Worker (7 of 7)



+ After inventory has been checked, Health Worker will review the notifications before sending to the Patient

+ “Send Notifications” will send the notification to the Patient

Note: Web-Based and Email UI shown, SMS-based UI to be deployed by June 30

Not Shown: Administrator Interface

Simple Web-Based Administrator Interface allows Admin to:

- + Add Health Worker accounts
- + Edit Health Worker accounts
- + Change account passwords
- + Manage the MedLink system

Next Steps:

- + Generate reports
- + Integration with Inventory and Purchasing Control Systems

+MedLink

Linking Patients to the
Medical Supplies and
Services They Need,
When They Need Them