**HL7 Mobile Health Work Group**

**Meeting Minutes 2012-07-13**

**Facilitator: Nadine Manjaro**

**Note taker: Nadine Manjaro**

**Attending:**

* Erin Fitzsimmons; [erin@angelecare.com](mailto:erin@angelecare.com)
* Nadine Manjaro;Nadine.Manjaro@verizonwireless.com; [nmanjaro@gmail.com](mailto:nmanjaro@gmail.com)
* John Ritter; [johnritter1@verizon.net](mailto:johnritter1@verizon.net)
* Joe Ketcherside; [joe.ketcherside@cognovant.com](mailto:joe.ketcherside@cognovant.com)
* Paul Petronelli
* Tracy Angeles
* Mike Kingery (HL7 Staff; Webmaster)

**Regrets:**

* Gora Datta; [gora@cal2cal.com](mailto:gora@cal2cal.com)

**Minutes:**

1. Welcome and Review of minutes
   1. Nadine called the meeting to order at 3:06 PM Eastern U.S; Nadine reviewed the minutes.
2. ***Erin submitted*** the Mission and Charter on behalf of the Mobile Health Work Group (MHWG) to Technical Steering Committee (TSC). The TSC met and provided conditional acceptance of MHWG as an official WG. The conditions included removal of the “Proposed (Formal or Informal) Relationships with groups outside of HL7. The MHWG should amend the list of Relationships within HL7 to add PHR and others. Erin will post the full list of proposed changes prior to the next meeting.

Paul asked about the general approach of this WG to Mobile Health standards?

JR: One of the MHWG’s roles could be to form task groups from time to time to respond to requests for comments, for example, regarding national or international legislation or to offer expert guidance on mobile health –related issues.

1. **Team discussed preparations for the September 2012 HL7 Working Group Meeting in Baltimore.**
   1. The JR Proposed the following agenda for the Baltimore meeting:

* Discuss the objectives and tasks of the MHWG
* Send members of the MHWG to other work group sessions to :
  + introduce this WG and our scope and planned activities
  + Share Charter
  + Ask how we can work with the other WGs
  + Acting co-chairs (Nadine, Erin and Gora) to develop a PowerPoint detailing MHWG scope and proposed projects (Meet during the week of July 9 to develop)
  + Ask other work groups for suggested activities
  + Review all Proposals at the end of the F2F session

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|  | **HL7 BALTIMORE WGM SCHEDULE FOR MHWG** | | | |
| 2012 | Q1 | Q2 | Q3 | Q4 |
| Mon: 9/10 | PLENARY SESSION (common to all) | |  |  |
| Tue: 9/11 |  | Joint with EHR-WG |  |  |
| Wed: 9/12 | MHWG | MHWG | MHWG: GS1 session |  |
| Thurs: 9/13 |  |  |  | Joint with Devices WG |
| Fri: 9/14 |  |  |  |  |

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John Ritter on behalf of the EHR WG co-chairs would like to propose the following agenda items for our joint meeting at the September 2012 HL7 Working Group meeting in Baltimore:

MHWG (Mobile Health Work Group) agenda items in Baltimore on Tuesday, 2012-09-11 Q2 for 45 minutes

1. Discuss creation of a definition (or perhaps multiple, stakeholder-specific definitions) of MHealth.
2. Suggest that MHWG review the PHR-S FM and EHR-S FM and offer Mobile Health –related recommendations.
3. Discuss possible creation of a Mobile Health Functional Profile (of the EHR-S FM and/or PHR-S FM).
4. Discuss possible creation of a Mobile Health Implementation Guide.
5. Discuss the possible creation of a Mobile Health Functional Model.

**The MHWG team decided to address these items before the face to face meeting in Baltimore. (Please see actions in Red)**

1. Discuss creation of a definition (or perhaps multiple, stakeholder-specific definitions) of MHealth.

All team members present or not present on the call will submit a definition for m-health and what should be covered under mobile health. (Please submit either via the HL7 Mobile health wiki or in email to Nadine Manjaro before July 20, 2012 call. ([Nadine.Manjaro@verizonwireless.com](mailto:Nadine.Manjaro@verizonwireless.com))

1. Suggest that MHWG review the Personal Health Record System –function model ( PHR-S FM) and Electronic Health Record System – Functional Model ( EHR-S FM) and offer Mobile Health –related recommendations. Define for consumers how mobile health will interact with different systems.

There is a profile in the Integrating the Healthcare Enterprise (IHE) which defines mobile health. Paul Petronelli will review the document and provide high level feedback to the team on the next July 20 MHWG meeting.

1. Discuss possible creation of a Mobile Health Functional Profile (of the EHR-S FM and/or PHR-S FM). Where do EHR and PHR touch mobile health?

Erin Fitzsimmons and John Ritter will be attending the PHR F2F meeting in Chicago next week (July 17-19) and will address this item. In the July 27th meeting or next Friday’s meeting if time permits.

1. Discuss possible creation of a Mobile Health Implementation Guide. List all of the functions that a Mobile Health system should perform. This will serve as a guide to anyone looking to create or best practices for anyone looking to develop a mobile health solution. I.E. If a mobile health device is loan to patient what should be done to clean the device (remove previous patient data) before to issuing to another patient.

Tracy Angeles will lead this effort with assistance from Erin.

1. Discuss the possible creation of a Mobile Health Functional Model. List the functions from the most basic model to the most sophisticated model. How do these functions interact with other systems? Start with a simple use case then build up the complexity.

The team suggests that we combine an architecture model with each Use Case to define the different systems and their impacts. Draw a Venn Diagram of all of the different stakeholder groups and how mobile communicate back to EHR and PHR.

The first activity is to define Mobile Health. Please submit your definitions. There are some definitions on the wiki. Use John’s User Stories.

**John’s Use Case:** A physician takes picture of a patient’s injury on his smartphone/camera in the Emergency Department and sends the image to the hospital’s EHR system. The physician leaves the hospital’s (secure) local wireless infrastructure and visits a nearby restaurant. He reviews the picture while eating, but accidentally leaves the smartphone/camera on the table. What are the MHealth boundaries? Which best-practices, guidelines, protocols, standards, policies, regulations, laws, etc., might help scope MHealth boundaries?

**Next Meetings Agenda:**

* **Accept Meeting minutes**
* **Review Definitions for M-health and Use cases**
* **Get Paul’s feedback from the IHE Mobile health Document**
* **Outcome from PHR F2F meeting**
* **Updates from Tracy on Mobile Health Implementation Guideline**
* **Review PowerPoint for Baltimore’s F2F meeting**
  + **What is the MHWG scope**
  + **Projects?**

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