Rwanda Health Enterprise Architecture (RHEA) Project Conference Call Minutes

# Date and Time

Aug 2nd 2012, 2pm TO 3:30pm, GMT +2hrs

# Participants

* Rhonwyn Cornell (RhC), Hannes Venter (HV), Wayne Naido (WN), Emmanuel, Lorinne Banister (LB),Liz Peloso (LP),Shaun Grannis (SG), Paul Biondich (PB), Mead Walker (MW), Carl Lautner (CL), Brooke Buchanan (BB), Tiffany, Dykki Settle (DS).

**Agenda**

1. Project progress – RhC
   1. Facility Registry update – EJ
   2. Provider Registry update – DS
   3. Client Registry update – SG
   4. Terminology Service – HV
   5. Shared Health Record update– WN
   6. Interoperability layer update– RC
   7. OpenMRS update – WN/RhC
2. Any other business

***Key points of discussion:***

***Overall project* - Rhyonwyn**

* Development going well and training has started. Only 6weeks till we switch on the HIE, please try to stick to deadlines.
* Update on the deployment environment – Not sure when we will get access to the NDC, Richard said there are servers available in the MoH and will be following up to get access to those mid/late next week.

***Facility Registry*** - **Rhyonwyn** (Ed not on call)

* Wasn’t a training call this week since there was a mixup with the avaialibilty of the MoH staff for training. There has been a training call scheduled for Tuesday of next week.
* Generally the system is ready to go, with a few tweeks here and there.

***Provider Registry – Carl***

* Going to Rwanda for training not next week but the following week
* We’ve nailed down all development with the exclusion of aligning the user interface with the UI of the facility registry.
* As soon as we get access to a server we will get real data imported and we will use that for training.
* As for training we are planning to use Moodle to host all the content and build a repository for new people as well as the country.
* WN – If we don’t get access to a server to host Moodle – can IntraHealth host it? And have accounts for the other registries.
* CL - Yes we can put on an Amazon EZ2 instance.
* Liz – Spoke with HingX and they are very interested in Moodle and that kind of integration so you can see the training materials. They have repository hosting as well, whatever is fastest is what we use first.
* DS – We are planning on talking with HingX on Monday and will bring this up with them as well.

***Client Registry - Shaun***

* Sysnet has completed the extension of the data model, working on modifications for the matching algorithm, ready to deploy the latest version and working with Ryan & Wayne on that.
* For the work of creating the matching algorithm, we created the full subset for the Rwamanagana district and beginning to work through the process for configuring the algorithm and the specifics for the dataset.
* Jembi working on the OpenMRS Interface for the interface with OpenEMPI. – Wayne do you want to give an update on that work.
* WN - Prototyped on the recommendations made a week ago and using the existing interfaces that OpenEMPI is providing on the EZ2 instance we’ve been able to connect to it and use the workflow with the changes we put into place. Could demo on tomorrow’s call
* LB – Update on Training – Different from the other registries since there is no end user involvement and little involvement for the admins. We will provide a general system guide along with the 4 hours of virtual training.
* Shaun – basic system operations maintenance and overview training and then additional training in late September.
* WN – one of the reasons we wanted Hannes there, was because he has played with OpenEMPI and can provide instruction on a technical level. Could you please provide the training plan as outlined, and we can talk about is involvement on tomorrows call.
* Liz – I invited Derek to join the call – He is on now.

***Terminology Service - Hannes***

* Started training – individuals from Apelon are in country
* They are training on terminology management as well as the tools and I am providing training on how it interacts with the HIE and the other registries.

***SHR, OpenMRS and RapidSMS components - Wayne***

* RapidSMS development is scheduled to begin next week – split into 2 pieces the core functionality developed and now that we have a working Shared Health Record, for the 2nd phase we are going to be testing the notifications and alerts functionality as part of the RHEA workflow.
* Solving issues that came up during the testing sprint – RHEA workflow testing report will publish to the wiki
* Had a call with Gilbert yesterday for Jembi to take over the responsibility of developing the scripts to extract the data from the Ubedehe database. Just help get the module ready not to load at the sites, that’s the ministry’s responsibility.
* Liz – when patients are recommended to other locations to ensure that they got there, sent to the CHW not the patient. WN will publish info that has been circulating to the wiki
* RC – OpenMRS integration of PMTST and lab module – we are not going to focus on integrating for the Sep deadline, but will be coming up with a plan for after Sept. IT skill training is going very well and should be completed by early next week exception of two sites that does not have technology or connectivity or data manager to help with coordination of delivery.
* LP - Integrating with PMTCT – will develop all ANC forms as originally planned including the one for lab and results and the HIV regimes and ANC nurse will enter all that info and the PMTCT nurse will reenter all the same data.
* PB – If there is data that is necessary and consistent it shouldn’t have to be entered twice.
* LP – If we are not going to integrate -I jJust want to make sure I understand what that means
* WN – Capturing that data on the forms as they do currently.
* LP – Gilbert wrote a long eMail of who enters what
* RC – Gilberts concern for the moment is not understanding what information is shared.
* LP- It should be pretty straightforward. There is about 90% overlap. What is more important and can’t loose is that everyone is screened at the beginning (pregnant women and husbands)
* PB – What version of OpenMRS is being used? Is there is a chance that 1.9 would be installed by end of Sep. See if you can do a query to prepopulate the values. There might be a way to eliminate that double entry.

***AOB***

* BB – Could you send out a list of when everyone will be in country?
* LB – I will create a page on the wiki that everyone can enter their own schedules.
* RC – Input information for September meeting – Pages on the wiki

Liz – I wanted to have a discussion about LOINC.

* LP – They had to develop codes for us added all the observations we have requested. They’ve been great. Many of them are fairly specific to Rwanda. In theory this was a great idea, but in practice its become a bit more difficult and I am concerned about the legacy moving this forward.
* PB – We had talked in the past about extensions to the terminology.
* LP – Yes, that is where I am going. We would be doing a subset, not a different subset. The issue became because we were trying to maintain a separate code set.
* There are 3 – LOINC-2 & LOINCRW & Separate Code set – but LOINCRW was built into LOINC. We proposed it and they added it into their general code set. Misunderstanding was that LOINCRW is everything under LOINC we were going to use. Decided we would use the MoH set for the 3rd one. RW is not really and extension.
* PB – That was never the vision I understood.
* In Canada we created an extension called PCLAD. We decide on an extension basis whether it should be part of LOINC.
* PB - Today – Every RW code is in LOINC, but going forward they don’t have to be.
* SG - Communicate a 2-3 page document that clearly explains the meta data model.
* Extensive discussion about LOINC codes continued for 40 min.
* Wayne summarized – POC we are going to use LOINC for all LOINC related code sets, for the Rwanda specific OpenMRS concept IDs we will use LOINCRWCS – In Apelon we will use 3 separate sets LOINC-2 for the current published version, LOINCRW that contains a set of codes that are eventually be absorbed in the next release of LOINC, and Loinc RWCS – the OpenMRS concept ID. Everyone agreed.

***Call ended at 10amEDT/4pmCAT***

***Next Call***

Next call will be on Thursday Aug 9th at 2pm CAT (12pm GMT).

**Action Items:**

Lorinne to put training discussion on client registry call tomorrow, also put workflow demo on

Send Derek’s contact info to be added to RHEA group.

Liz to verify LOINC code set decisions with Richard.