MINUTES

Weekly RHEA Status Call

May 18, 2012

**Agenda:**

1. OpenEMPI Software Installation & Configuration – Shaun

2. Technical understanding of the web services – Odysseas

a. Regression script & WADL

3. Acquisition of Rwandan data - Shaun

4. Gap Analysis of the dataset - Shaun

a. Which fields are in common?

b. What fields are being used?

5. Confirm need for Best Record

6. Capacity Building

**Discussion Topics:**

1. OpenEMPI Software Installation & Configuration – Shaun
   1. Wayne – Problems around applying bold solution
2. Technical understanding of the web services – Odysseas
   1. Shaun – Want to make sure tech team has access to new functionality. Web services are there and where can they get information.
   2. Odysseas - Documentation and web services to be delivered over the next couple of months. In module of software have test cases for services you can use in rest. WADL document that is a complete look at resources. First test case test services a
   3. Ryan – Use cases that will need register new client, query client, update client record. Are these covered by your implementation?
   4. Odysseas - Yes I believe so. Will be double checking this over the next couple weeks.
   5. Ryan – Data format?
   6. Odysseas – XML and JSON. Return in XML or JSOn depending on header. Look inside WADL doc and can find description.
3. Acquisition of Rwandan data - Shaun
   1. Shaun - Need data for gap analysis and configuration of matching algorithm.
   2. Rhonwyn – Richard said he would ask Daniel to give us access. Have not heard back yet but sent Richard an email today to see how we can access the data and if there are any restrictions. Three options that I proposed to Richard were upload data to server….server here at Jembi, or server at MoH.
   3. Shaun – Wherever data resided will need to run data scripts to see what fields will be useful.
4. Gap Analysis of the dataset – Shaun
   1. Shaun – Technical task understanding which fields are in common between OpenMRS and the client registry. Have an extract mutual database to prepopulate the database with? List of individuals who have health insurance and receiving care. Will give us a good sense of the population that exists. Free Loading only regions/districts that are involved in the pilot project. Still the case?
   2. Rhonwyn – Was not aware of this but can check.
   3. Shaun – Records in database?
   4. Michel – 9 million
   5. Rhonwyn – Will talk to Richard about getting subset of the data for the district.
   6. Shaun – Once have Rwandan… need to look at info coming from OpenMRS to see what fields are overlapping and what fields are of good quality. Want OpenEMPI to…
5. Confirm need for Best Record
   1. Shaun – Notion to not get detailed about. Earlier discussions about golden record. Patient being seen at Rwamagana clinic and Rwamagana clinic may get information right at one and not the other. Tell me which data elements are the best to for this person. For querying registering and updating do not think we need this “best” record rule. Thoughts?
   2. Ryan – Not sure that we need this at this stage. Will we trust the latest record?
   3. Shaun – Generally speaking many MPI systems have registration domain have a right to registry a patient how they want. MPI will have two records from clinic and hospital and then they will have the same id.
   4. Ryan – Multiple records from different sources will need to think about how this will affect our use case.
   5. Shaun – When patients go to a new organization. Search across all registration domains and then ask the patient to identify which one they are. Also can say since each registration domain is separate
   6. Odysseas – People like to have ownership over own records. OpenEMPI can search for a patient by search criteria. You can look by organization
   7. Shaun - MPI will link all the registrations together, which is basically a single record approach. Want to understand Ryan’s perspective on how this will affect the work flow so I think we should have additional dialogue and speak on this again next week.
   8. Ryan – Envisioned patient gets registered with an OpenMRS machine will search client registry globally. Record would then be returned and brought down to local system. If not found then they would have to registrar them into the HIE. This will put demographics into client registry. Then when a patient visits another site next time a match will be found and the information can then be brought down into the local registry.
   9. Shaun – Counterintuitive different identities and different sites. Every API ends up wanting their own ID for their own clinic. So just think we should let each site have their own registration identity. If everyone uses the same record there is less effort to identify the individual and get the most up to date information, and can always collapse the identities down to one.
6. Capacity Building

Action Items:

* Odysseas will send out the WADL document.

Meeting Concluded at am.

**Attendees:**

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| **Name** | **Organization** | **Name** | **Organization** | **Name** | **Organization** |
| Rhonwyn Cornell | Jembi | Michel Makolo | Jembi | Shaun Grannis | Regenstrief |
| Hannes Venter | Jembi | Emmanuel Rugomboka | Jembi | Jamie Thomas | Regenstrief |
| Linda Taylor | Jembi | Wayne Naidoo | Jembi | Lorinne Banister | Regenstrief |
| Ryan Crichton | Jembi | Odysseas Pentakalos | SYSNET |  |  |
| Carl Fourie | Jembi |  |  |  |  |