Project Status Report as at 26-03-2013
Project: **RHEA**
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1. **Project Status**

Green	Orange	Red
Project expected to deliver agreed scope on time and within budget	*Project expected to deliver at least 80% of agreed scope, with less than 10% overrun on time and/or budget*	*Project in danger of delivering less than 80% of scope, and/or project time or schedule overruns expected to be greater than 10%*
		✓

2. **Project general update.**

- **On going urgent issues:**
    - At site
        - Musha
        Internet is still disconnected. Currently Musha's system is running in an offline mode. Our team is actively following up daily with the Health Centre staff to report when this service comes back online.
        - Ruhunda
        Internet is still disconnected. The MoH team of this and they are taking appropriate action. Currently Ruhunda's system is running in an offline mode.
    - Jembi, Pivot Access and MoH have managed to sort out the issue regarding communication between RSMS and the HIM and messages from RSMS started coming through to the OpenHIM. Unfortunately most of them are failing to be processed because of invalid client IDs. Jembi has contacted Pivot Access to request a list of the client IDs that they have logged in the RSMS system so that we can establish which ones are registered in the CR.
- The management of the RHEA project will be shifting to the MoH with Dawn Smith from Regenstrief leading on the implementation activities. Going forward Jembi's role will be one of Technical Assistance to the MoH. Dawn will be in contact with all partner organisations in the coming weeks as she picks up the coordination of all RHEA partner activities.
- A joint Jembi/MoH planning session for developing an implementation plan for the MoH rollout of the ANC OpenMRS/RHIE system to the other health facilities in Rwamagana District is scheduled for the week of the 15th April 2013-03-19.
- Jembi continues to follow up with the MoH technical team regarding the additional training and mentorship methodology that they feel would be most valuable. At present the MoH team have yet to explore the registries in the testing environment and present Jembi with

questions and areas in which they need support. Dawn and Gilbert are following up with the MoH tech team. When more information is received it will be shared with the RHEA working group and plans for additional training can be created.

The current up-to-date project plan can be viewed at https://dl.dropbox.com/u/63883595/130326%20RHIE%20Project%20Plan%20Track%201/index.html

Please note: This project plan does not include the rollout activities and will be changing in the coming weeks as these activities are rescheduled.

3. Progress

3.1. Tasks Completed

- Connectivity issues between the NDC and MTN Data Centre have been resolved
- Unit testing of the OpenMRS Version 1.9 modules has been completed and Jembi and the MoH are setting up a time for an integration testing meeting next week.
- Jembi have procured the majority of the hardware required by the MoH to upgrade the LAN at the remaining implementation sites in Rwamagana. Outstanding items will be procured this week.
- Progress on tasks planned for last week:

Task	Status
Support and monitoring of Ruhunda and Musha	Ongoing
Collaborative testing on OpenMRS modules	An integration-testing meeting is being scheduled for the Jembi and MoH technical team next week to review modules.
OpenMRS Patient Search Module Design	Module development being finalised. (this is a previously a Jembi Track 2 but critical to Track 1 implementation)
Research into Network and Systems monitoring tool	Jembi is working with Daniel Murenzi to setup Nagios for agent based remote monitoring of the Health Centers. Daniel is in discussion with the NDC around using Nagios to monitor the systems at the NDC
Development of Documentation for the NDC Server Backup to a remote site and Recovery Testing Process.	Jembi has collated the Registry documentation (except Provider Registry) and shared them with the MoH tech team. The RHEA wiki will be updated within the next two weeks so that this content is shared with the larger RHEA working group.
Develop Generic OpenMRS HIE Component Design	Currently on hold.
OpenMRS Provider Helper Module Design	Ongoing. HPD specification has been developed and currently being validated. IntraHealth is also currently leading the evaluation of the DSML gateway implementation.
Implementation handover	MoH infrastructure rollout has been

	postponed. Weekly management calls between Jembi and MoH continue. Rhonwyn will be travelling to Rwanda in April for a full implementation planning session with MoH.
Mentorship or registries managers	Dawn is working with the MoH team to identify what training they need and how they would like to received the training. She will feed back to the RHEA working group on this week's call
Work with MoH to develop regular site check-up checklist	Done
MoH and InSTEDD are in discussion regarding M&E roles and responsibilities	MoH/InSTEDD have had a call. For more information please contact Dawn.

3.2. Tasks currently underway/planned for the next week

- RACI chart for RHEA is being developed by Rhonwyn, Dawn and Liz and will be shared with the RHEA Working Group as soon as possible
- Support and monitoring of the updates rolled out to Ruhunda and Musha last week
  - Twice weekly site analysis through follow-ups with IT managers.
- OpenMRS Module upgrade to 1.9 - Collaborative Testing (MoH-Jembi). Additional data for testing will be collected at site later this week.
  - Integration and Workflow testing (Joint Jembi and MoH meeting being scheduled for next week)
- Finalize OpenMRS Patient Search Module development (previously Track 2 but critical to Track 1 implementation)
- Developing new message queue interface for the adapter module (previously Track 2 but critical to Track 1 implementation)
- Research into Network and System monitoring tools for the NDC Environment as well as monitoring the point of care applications in collaboration with PIH and the MoH.
  - **Point-of-Care Monitoring**: Setup a test Nagios installation to remotely monitor Ruhunda as a pilot site. While we wait for Daniel to provide access to a dedicated server for the central monitoring server, Jembi will set this up on our In-Country testing server.
  - **NDC Server Monitoring**: Jembi has recommended that the NDC provide as a service under the MoH-NDC contract, access to a Nagios dashboard for monitoring the RHEA Servers as the NDC are already using this tool. Daniel Murenzi is following up with the NDC and will feedback to the group.
- Daniel Murenzi is still working on providing access to a remote backup-server. Currently, all the NDC RHEA servers except the Facility Registry dump backup data to the local servers in the NDC and this need to be stored remotely where the MoH Registry managers will periodically run through the recovery testing process.
- Review existing help desk setup and process with MoH and work with them to define the help desk process for RHEA with an implementation plan.
- Finalise design for OpenMRS Provider Helper Module (previously Track 2 but critical to Track 1 implementation)
- Work with Gilbert and MoH team to effectively handover implementation activities on track 1 and provide technical support and mentorship
- Mentorship of MoH team regards monitoring and management of the HIE implementation.

- MoH infrastructure improvements at health facilities are now scheduled for early April. Jembi is working with the MoH to procure necessary hardware.

4. Issues

- Messages coming into OpenHIM from RapidSMS are failing to be processed because of invalid client IDs. Jembi has contacted Pivot Access to request a list of the client IDs that they have logged in the RSMS system so that we can establish which ones are registered in the CR.
- Neither Ruhunda nor Musha currently have Internet connectivity. The OpenMRS systems are working offline but no messages are coming though the RHIE.