

2018-01-17 Design Forum

Date

17 Jan 2018

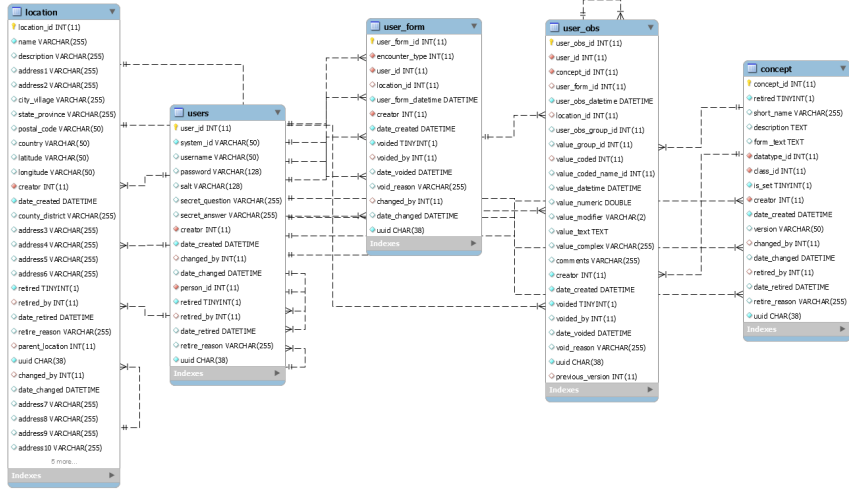
Attendees

- [Owais Hussain](#)
- Rabbia Hassan
- Darius Jazayeri
- Daniel Kayiwa
- Imran Arif
- Wyclif Luyima

Agenda

- Discuss possible solutions to allow OpenMRS implementations to manage generic (non-patient) data

Discussion items

Item	Who	Notes
Problem	Owais	<ul style="list-style-type: none"> • OpenMRS is strictly patient-centric • Options to capture user or facility related data are limited • Person/Provider/Location attributes cannot be used in every case
Examples	Owais	<ol style="list-style-type: none"> 1. In a community focused implementation, users are required to mark attendance every day with GPS coordinates of their visiting facility 2. Field monitors are required to fill Facility performance scores 3. Screening of walk-ins in a facility without capturing names or assigning identifiers
Solution	Owais	<p>A possible solution would be to add two tables <code>user_form</code> and <code>user_obs</code> and replicate the same functionality offered by encounters and observations, while use existing concept dictionary and other metadata:</p>  <p>The diagram illustrates the proposed database schema. It shows five tables: <code>location</code>, <code>users</code>, <code>user_form</code>, <code>user_obs</code>, and <code>concept</code>. <code>location</code> and <code>users</code> are linked to <code>user_form</code> and <code>user_obs</code>. <code>user_form</code> and <code>user_obs</code> are linked to <code>concept</code>. <code>users</code> also has a self-referencing relationship. The diagram uses dashed lines to indicate foreign key relationships and solid lines for primary keys.</p>
Solution	Darius	It will be too much work to replicate the encounter - obs model (which is for patients) to fit the generic_form - obs. Better approach will be following SOA and integrate existing tools like ODK , Commcare and Kobotools with OpenMRST
Solution	Daniel	Alternatively, looking into existing work done by the community, for example Facility Data module or OpenSRP Cohort module , and enhance it to fit more general needs

Action items

- [Owais Hussain](#) will explore possible solutions and list pros and cons of each

Share the complete list of pros and cons on OpenMRS Talk before starting development