Overview

OpenMRS currently contains a legacy model for managing patient data which includes modules for: patient details, visits, encounters and observations. These will be migrated to OWA using ReactJS and make them connected to avoid the current separate user interfaces.

Definitions:

- **Visit**

Following a visit to the health clinic, patient may receive several kinds of care and services example: see a clinician, have an X-ray taken, and be given a lab test. These services once recorded in the electronic form make up the **encounters**. A visit can have one to several encounters. Therefore a visit can be viewed as the root of encounters and observations.

- **Encounter**

An encounter can be defined as any service or interaction at the health clinic that is filled in an electronic form. It could also be a touch-screen patient registration or a single lab test for CD4.

It can consist of zero to several **observations**.

- **Observation**

Anything actively measured or observed during an encounter examples: patients’ weights, heights, blood pressures, and BMIs are observations etc.

**scenarios showing visit, encounters, observation.**

- One visit with one encounter without observations – Touch screen patient registration in Haiti
- One visit with one encounter with one observation – Touch screen patient registration in Rwinkwavu, Rwanda with weight recorded
- One visit with one encounter and many observations – HIV followup form
- One visit with multiple encounters and many observations – HIV followup form along with ART drug regimen pickup. This would show 2 encounters, where each encounter would have a different encounter id and encounter type.

Purpose of this Module:

This module will ensure that we bring the currently separated modules together to ensure blissful experience for the user.

Functionality Description:

Once logged in, a user will be able to search for a patient.

Choose patient from the filtered list and will be redirected to a page consisting of that patient's details including:

- identifiers
- names
- addresses
- demographics
- visits and encounters

On these, s/he will be able to manage this information by adding, editing, deleting and undeleting.

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