DHIS2 Tracker

Background and Intro

Objectives for Tracker training

- Get an overview of functionality of tracker
- Learn about tracker use cases
- Learn how tracker works from end user perspective
  - Data entry
  - Analysis
- You will not learn how to customize and setup tracker programs
- This will be covered in the 5 days Level 1 Tracker Academy
  - https://dhis2.org/academy

Tracker Background

- Traditionally, public health information systems have been reporting aggregated data for service provision across health programs
- This, however, does not allow for tracing the people being provided with these services
- Naturally, there has been requests for more detailed data in order to drill down further into each case
- For example, an aggregate report might show you the overall coverage of immunization, but it does not allow you to identify which children have received all the required vaccines on the schedule

Tracker Background

- Meant to bridge the gap between the existing aggregated data and individual-level (tracker) or anonymous event based data

- Can also be extended to track other 'entities' both within and outside of health systems

- Possibility to use computers/mobile devices to reach far communities and lower-level health facilities

- Simply, tracker module is a transactional system that allows for the recording of individual events
  - Separated intro tracker and event programs

Tracker Functionality

This functionality is provided through the various event and tracker apps within DHIS2:

- **Event Capture App**
  - The event capture app allows users to enter events that occurred at a particula place.
  - These events are anonymous in nature (ie. no 'entity' is registered in DHIS2)
  - An event can happen at any given point in time. This stands in contrast to rout is captured at predefined, regular intervals.
- **Tracker Capture App**
  - Advanced version of the event capture app as it deals with events (multiple ar registration
  - Requires an entity (person, commodity, etc.) to be registered within DHIS2
  - Registration/searching is therefore a key component of the tracker capture app

More Tracker Apps

- **Event Reports:** Data Analysis for individual programs (both tracker and event based). Allows for line lists and aggregated analysis similar to a pivot table
- **Event Visualizer:** Data Analysis for individual programs (both tracker and event based). Allows for visualization of data similar to data visualizer
- **Android Event Capture:** Data-Entry for event based programs on an Android device
- **Android Tracker Capture:** Data-Entry for tracker based programs on an Android device