DHIS2 Android

Roadmap - what’s next?

Oslo June 2019

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New Features/ Modules

Improvements/ Functional

Improvements/ Visual

Experimental
New Features | Analytics

Server Analytics
Hi fidelity rendering of all web-dashboard based on server analytics, with offline caching. independent app with iOS/Android support
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Local Analytics
A new module for the New Android app - Simple charts & tables across data capture Org Units. No server dependency (full offline)
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TEI Analytics
Simple charts based on repetible events for a TEI. Examples: growth chart for a child, blood pressure across visits
New Features/ new modules

Assignment List / Todo (tasks management)
List of events assigned to my user or my org unit filtered by status (scheduled, open, completed, overdue, skipped) across programs.
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Notifications
Full implementation of DHIS2 messaging inbox
Improvements/ Functional
Improvements/ Functional
Filters, sorting, grouping

Home filters
add filters for status and Sync status
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Home filters
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Tracker filters/ sort
Carry over home page filters, add enrollment and event status. Allow sorting

Event sort/ grouping
Carry over home page filters, add enrollment and event status. Allow sorting
Improvements/ Functional

Audit trail / break the glass
Capture and display access to a Tracked Entity record, as well as individual field (attribute or data element) editing history*

* offline break the glass info can be lost if database is deleted before sync
Improvements/ Functional

**Summary Screen**
Listing of all values [DEs] collected on a program stage before completion. Activated by stage.

**Multi-user/ Multi-server**
Allow ‘offline login’ on a single device to multiple users (who had downloaded the database before). Data is NOT shared among users in the device.
New Features/late 2019

What are we working on?

In-app granular sync at different levels:

- Program
- TEI (+SMS )
- Event (+SMS )
Offline/ online indicator

(& switch?)
Improvements/ **Visual**

**Uploading of pictures for icons**
So you are not limited by the icon library. JPEGs/GIFs/PNGs can be used for illustrating the options of an option set, an attribute or a data element.
Improvements/ Visual
Improvements/ **Visual**

**Rendering Types**
Options as radio buttons / checkboxes
Sliders for numeric values

Tracker Attribute Report
**Stephanie Williams**

[Image of a thermometer and a scale with options for feelings]
Improvements/ **Visual**

**Rendering Types**
Options as radio buttons / checkboxes
Sliders for numeric values

**QR and Barcode** capture

**QR and Barcode** generation
Improvements/ Visual

Signature capture

as a rendering type for data type image
Experimental - NFC
Near Field Communication
What are missing?

➔ Show program indicators in the event programs
➔ Bridge the gap between Web and Mobile in functionality
➔ Optimization of apk size/ metadata transmission/ data transmission
➔ Running validations rules for aggregated forms
➔ Signatures (many) as high level metadata for TE/ Events/ Datasets
➔ mesh synchronization between devices (bluetooth/ offline wifi)
➔ Custom forms?
➔ Progress widget → this user vs other users
➔ Public Portal App
➔ Store photo metadata (coordinates, lens)
➔ Block sync for certain users based on role (i.e only admins sync after validating)
Contribute to the Roadmap

Come to the session later today!

Vote for the Android App roadmap - We want to hear from you!