

ODK Collect (Android)

- Can temporarily store data offline
- Logical checks to verify data

Entered data

- Via keyboard
- Scanned barcodes
- Captured images, video
- Geo-location using GPS

Metadata:

- Username
- Device information (IMEI, IMSA, phone nr)
- Survey start/end-time

filled forms

Other data collection

- E.g. lab machines, X-rays
- New data automatically uploaded

intermittent communication

Internet

Server (Basel)

ODK Aggregate

empty forms

- Manages forms & data
- Exports data to .CSV
- Password protected

MySQL Database

- Backend for data storage

odk_planner

- Fine-grained access control
- Connects data from several forms together
- Provides live overview

Participant phones

- Receives notifications via SMS

Phone network

Web Browser

- Runs on any computer or mobile device
- No data storage, read only
- Every user has personal username/password

Local Network

regular backups