

THINK OPEN, THINK FUTURE

How to bring your QGIS projects to the field

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Me

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QGIS core developer

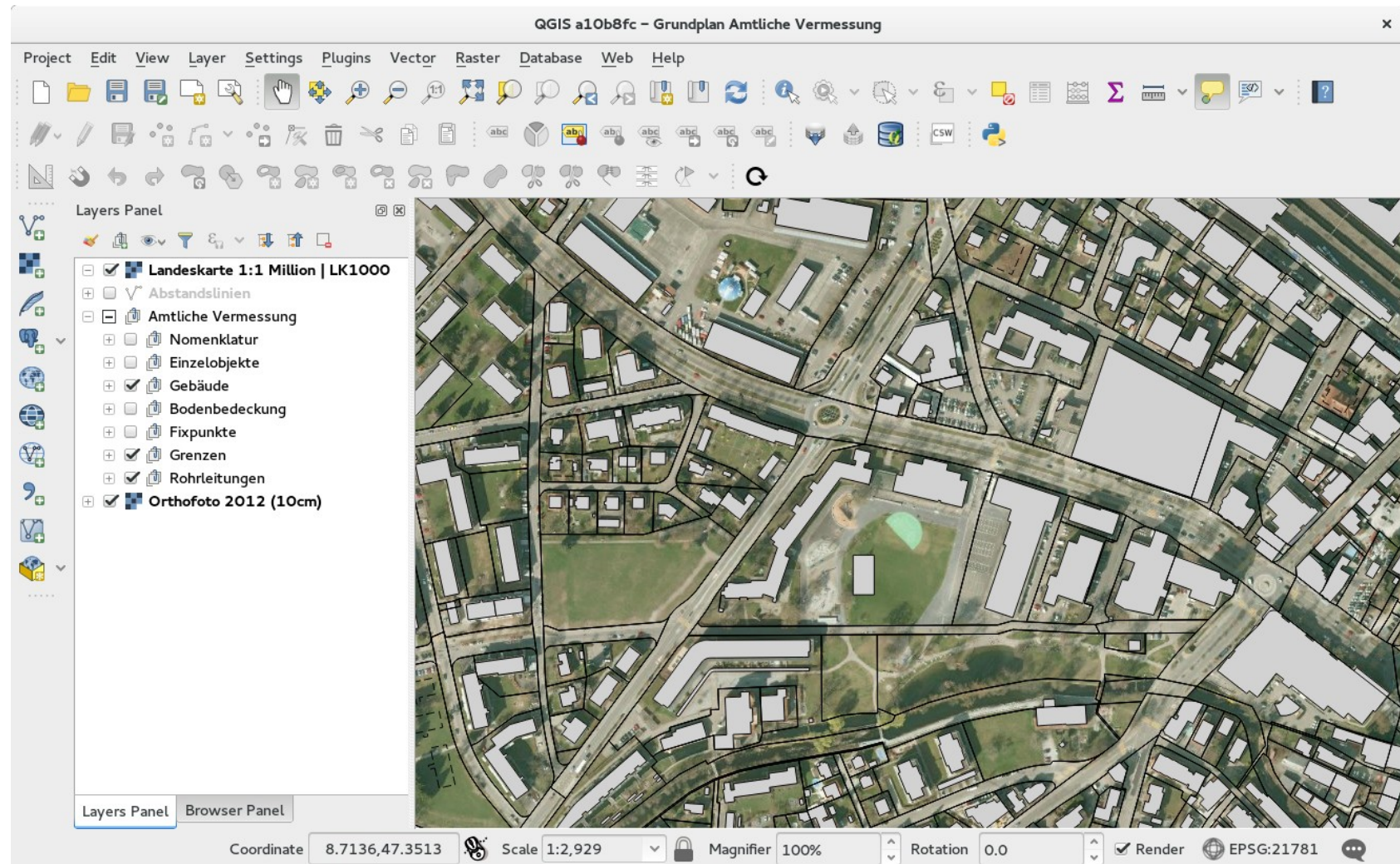
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QGIS on Android



QGIS on Android

- ✓ Powerful rendering engine
- ✓ Configuration options
- ✓ Data providers
- ✗ Complex User Interface



QField

- ✓ Powerful rendering engine
- ✓ Configuration options
- ✓ Data providers
- ✓ Simplified User Interface
- ✓ QGIS First!!



Qfield – Rendering Engine

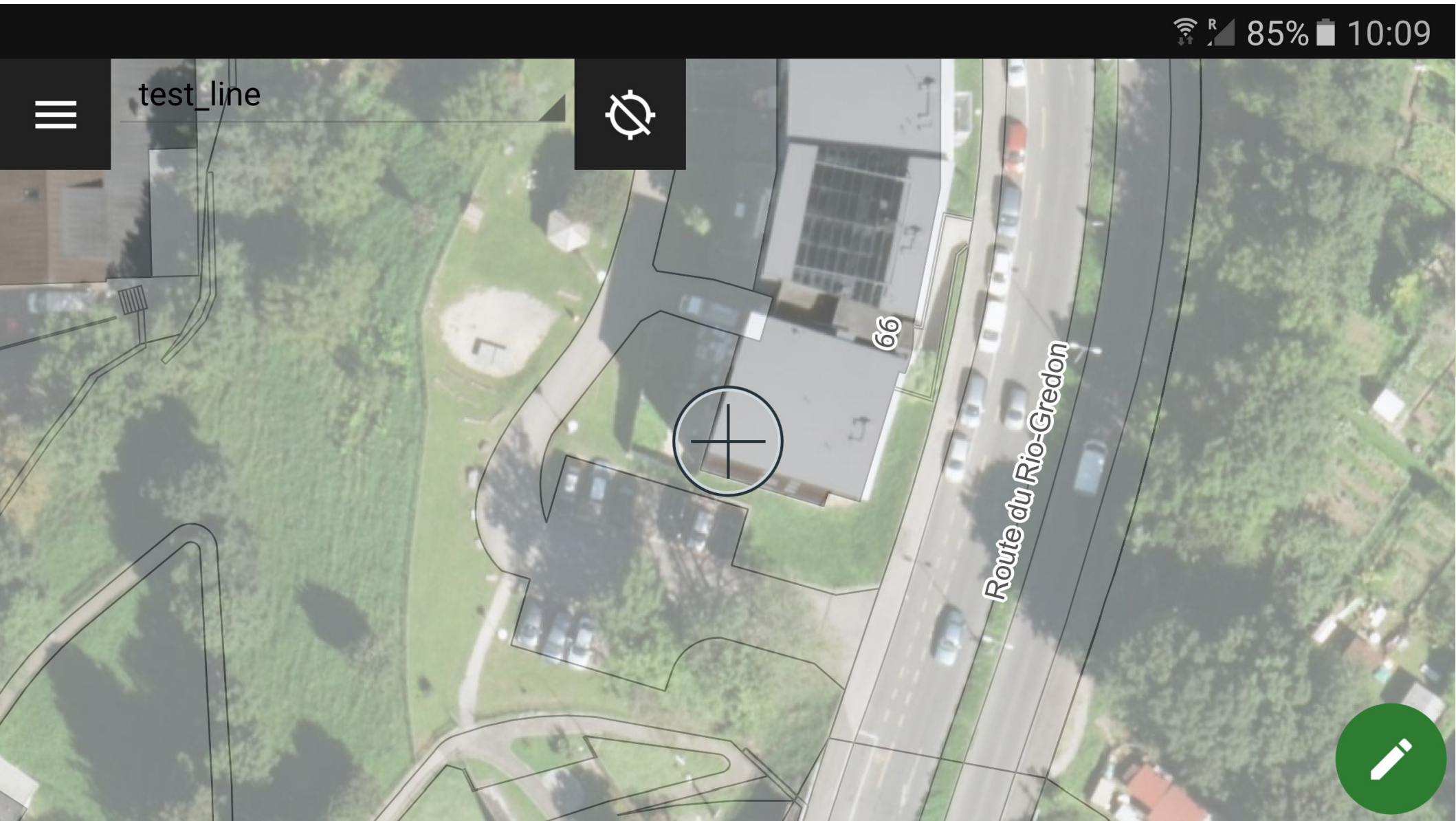


Qfield – Contextualized Buttons

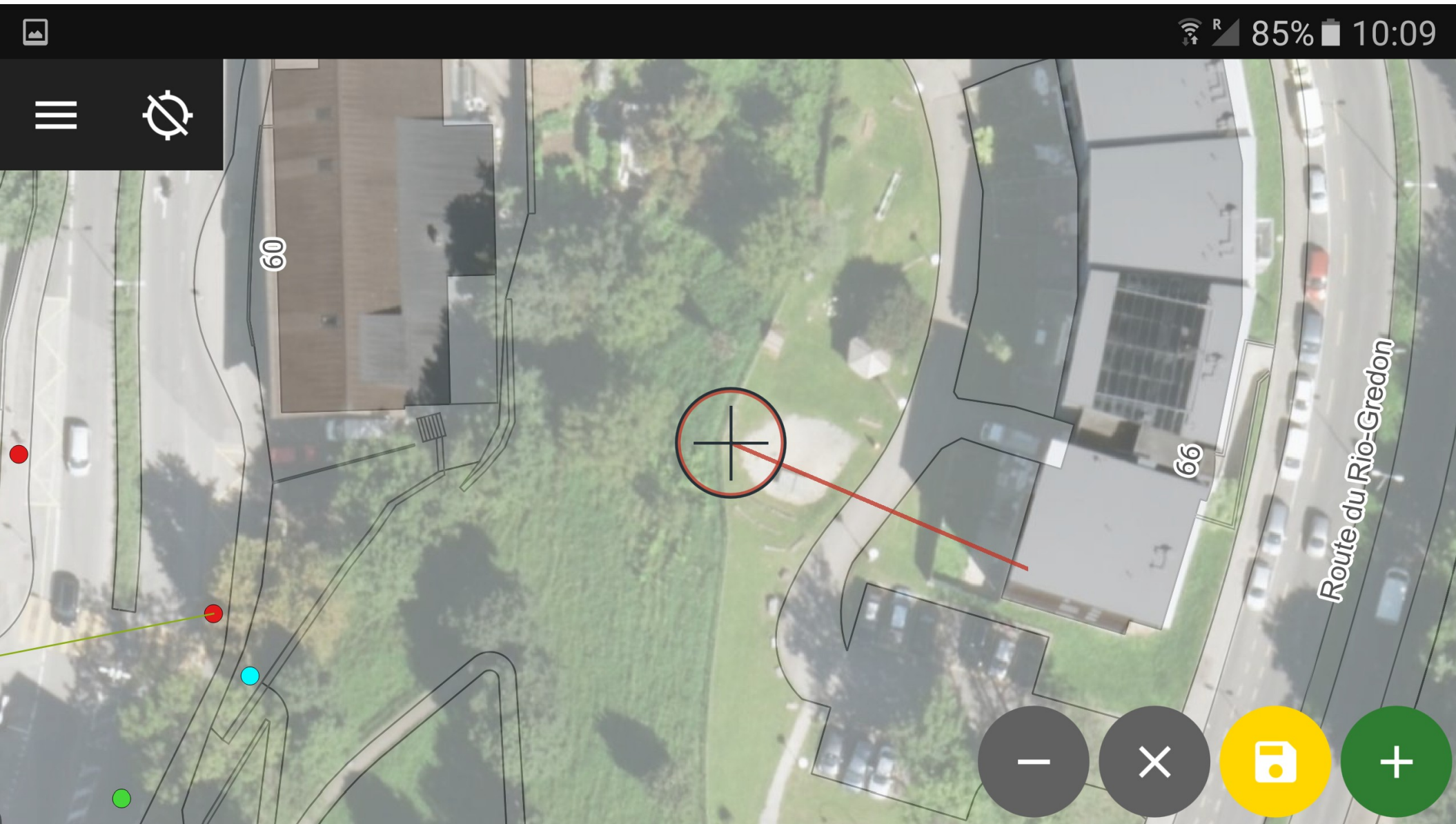
- Only show buttons when they are really required



Qfield – Data Entry



Qfield – Contextualized Buttons



QField – Data Forms

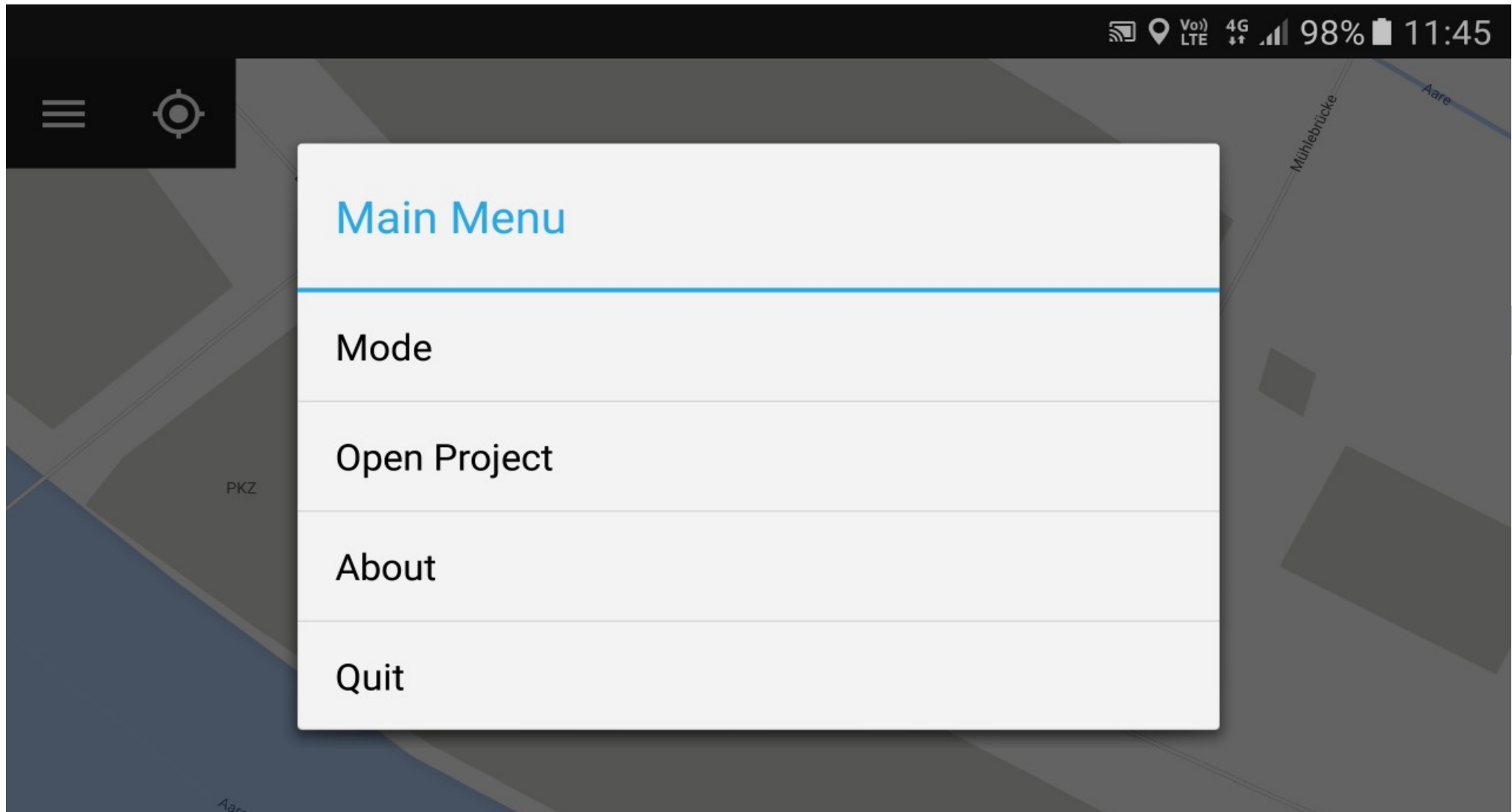
- Filling attributes should be easy
- QGIS already allows configuring widgets

Remember: QGIS First!!

abc 14	tooltip	Text Edit	
abc 15	picture	External Resource	
1.2 16	height	Range	
17	active	Check Box	



QField – Data Forms



QField – Data Forms

- <https://vimeo.com/173774749>



Workflow

1. Project preparation in QGIS Desktop

You need a portable project!!

2. Synchronize with mobile device

3. Collect / Inspect Data

4. Synchronize back



QFieldSync

A QGIS plugin to facilitate data exchange

- ✓ Makes your project portable
- ✓ Connect your database layers online ...
- ✓ ... or use offline editing
- ✓ More to come...



State of QField

- ✓ Opens QGIS project files (.qgs)
- ✓ QGIS Data Providers
- ✓ QGIS Rendering
- ✓ QGIS Form (Partially)
- ✓ Digitize Points and Lines
- ✓ GPS
- ✓ Simple to use



Soon to come / wishlist

- ✓ Polygon digitizing
- ✓ Snapping
- ✓ Form improvements
- ✓ Form attribute validation
- Legend
- Hybrid editing / Network state based autosynchronization
- GPS Status information into attributes
- External sensors
- ... Your awesome idea ...



How to help

- ✓ Get it on GooglePlay
- ✓ Tell the world about it
- ✓ Rate it 5 stars ★ ★ ★ ★ ★
- ✓ Improve documentation
- ✓ Translate app and documentation
- ✓ Write a case study
- ✓ Sponsor a new feature

