

SAKTI

Sistem Akuisisi Toponim Indonesia

Toponym Data Acquisition System of Indonesia

B a c k g r o u n d

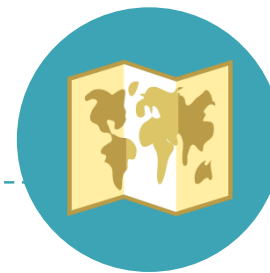
- Lack of resources in conducting toponymic surveys has required the Geospatial Information Agency (BIG) to collaborate with local governments and also general communities.
- The main goal of developing this application was to provide an effective, efficient and integrated tool which ease field toponymic surveys while minimizing human errors.

Toponym

Collecting Data with:

- ✓ Standardized forms (paper based)
- ✓ GPS
- ✓ Camera, and
- ✓ Voice recorder





Easy

User friendly interface.



Effective

Paperless and minimize human errors.



Safe

Reduce risk of losing scattered data.



Standardized Database

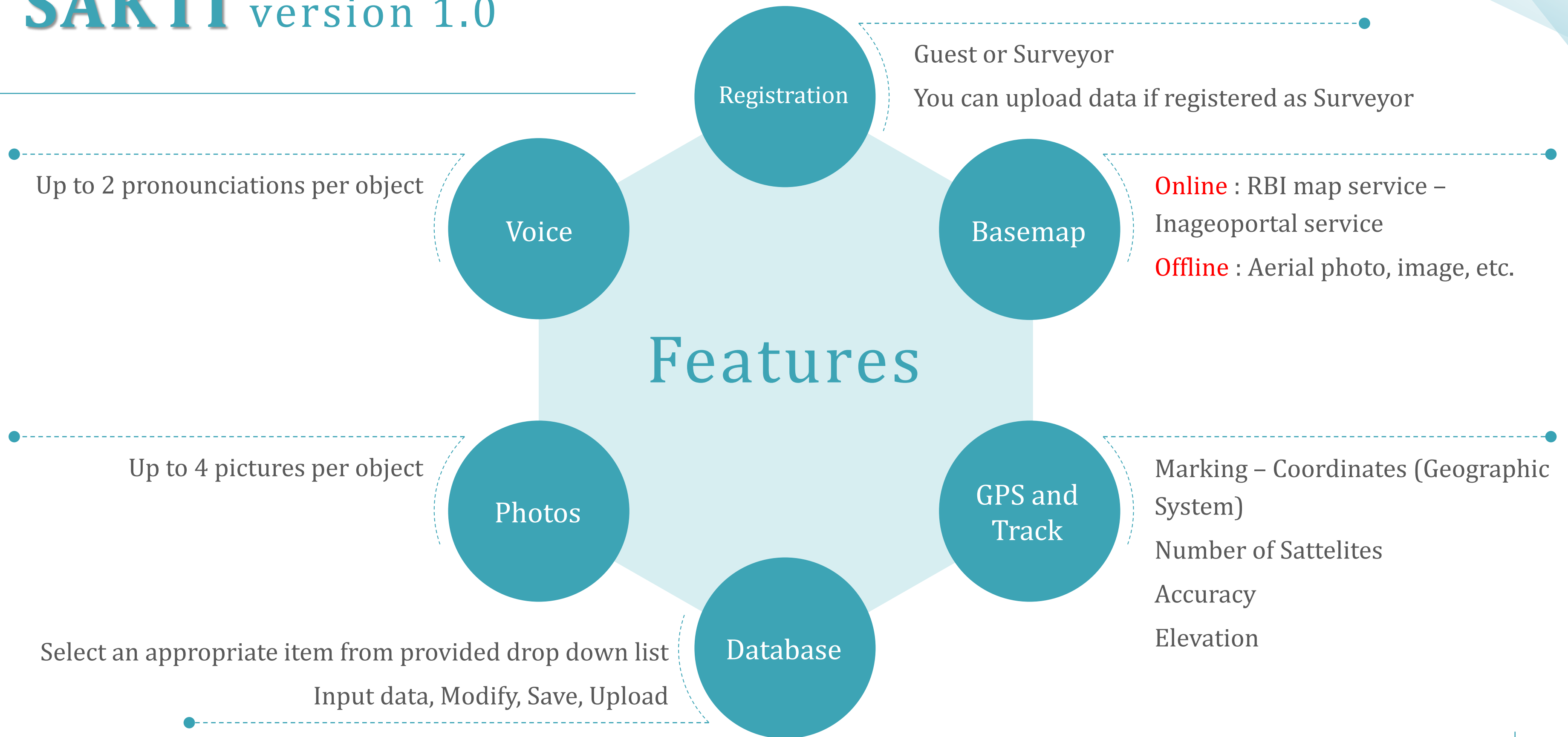
Using standard basemap provided by BIG, and data will be saved in standard database structure.

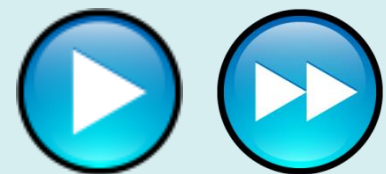


Time

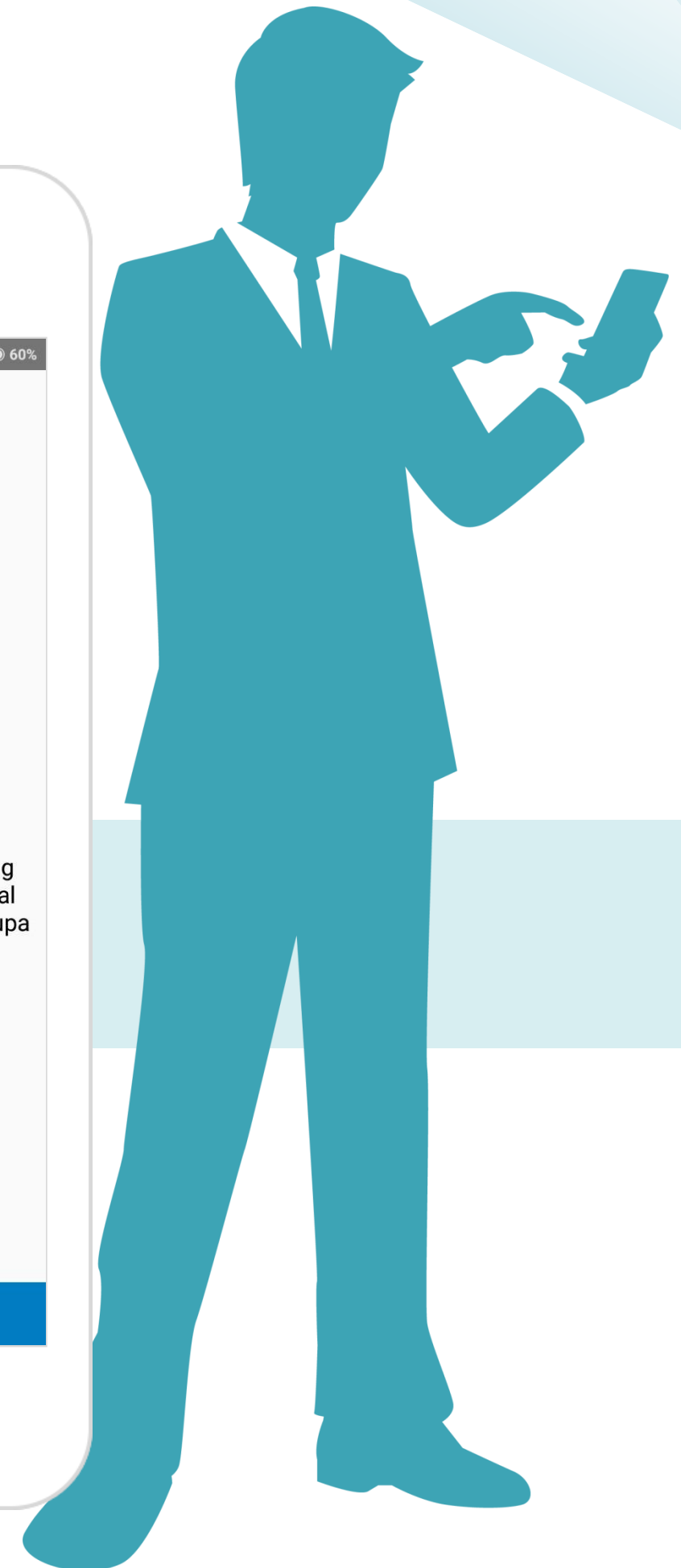
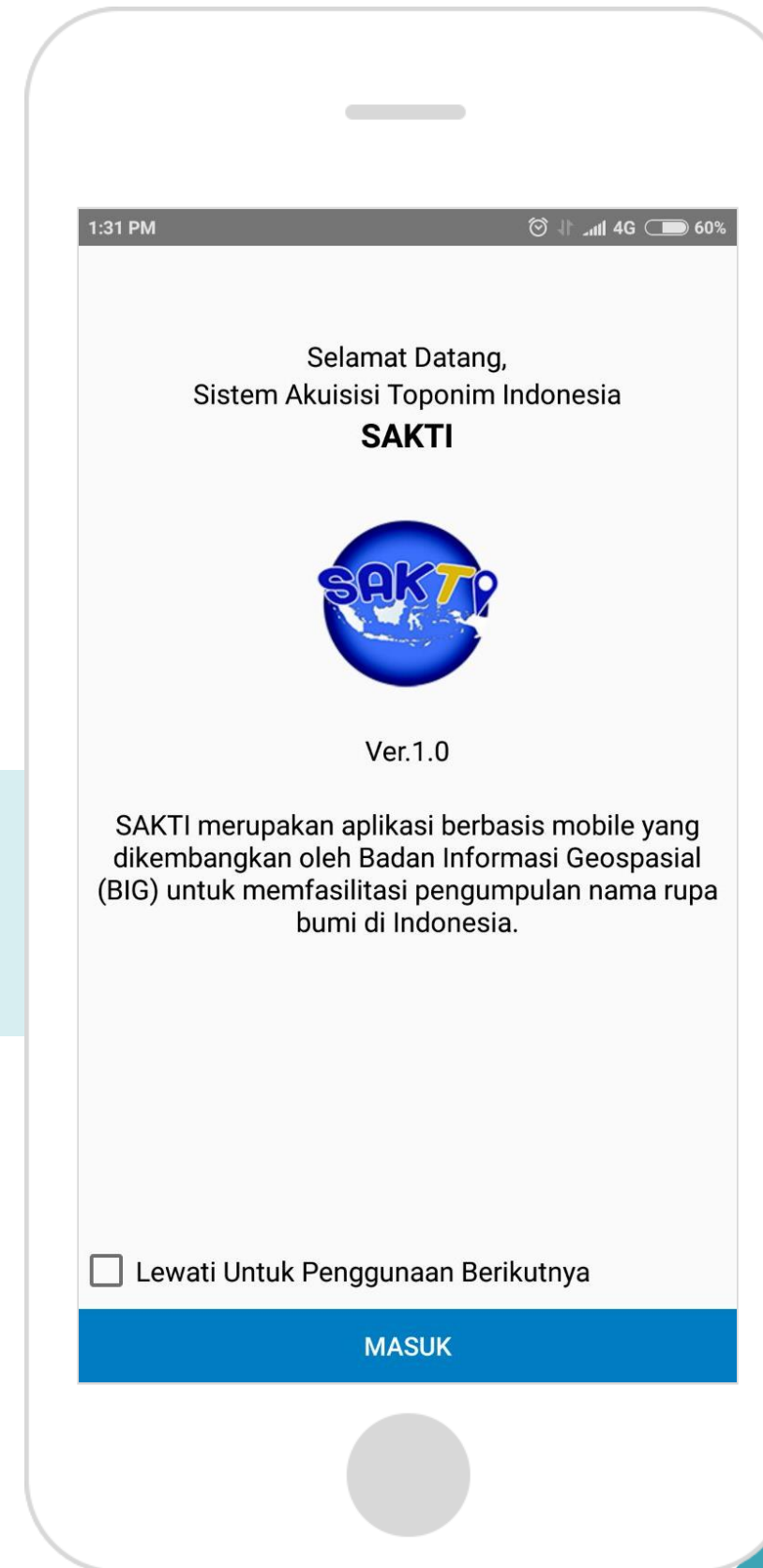
Faster because no need to get data from various equipments and transfer the data to standard database structure.

SAKTI version 1.0

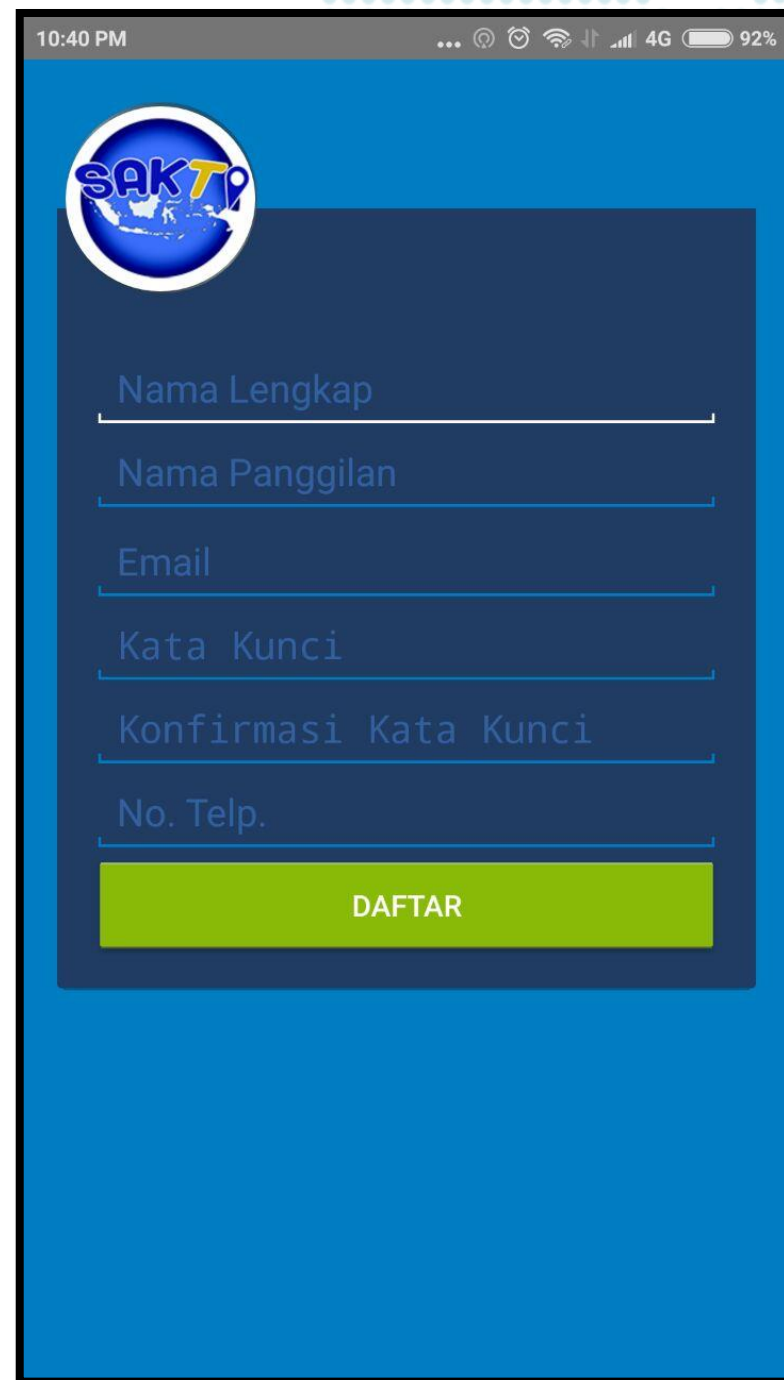




DEMO



1. Registration



10:40 PM 92%

SAKTI

Nama Lengkap

Nama Panggilan

Email

Kata Kunci

Konfirmasi Kata Kunci

No. Telp.

DAFTAR



10:40 PM 92%

SAKTI

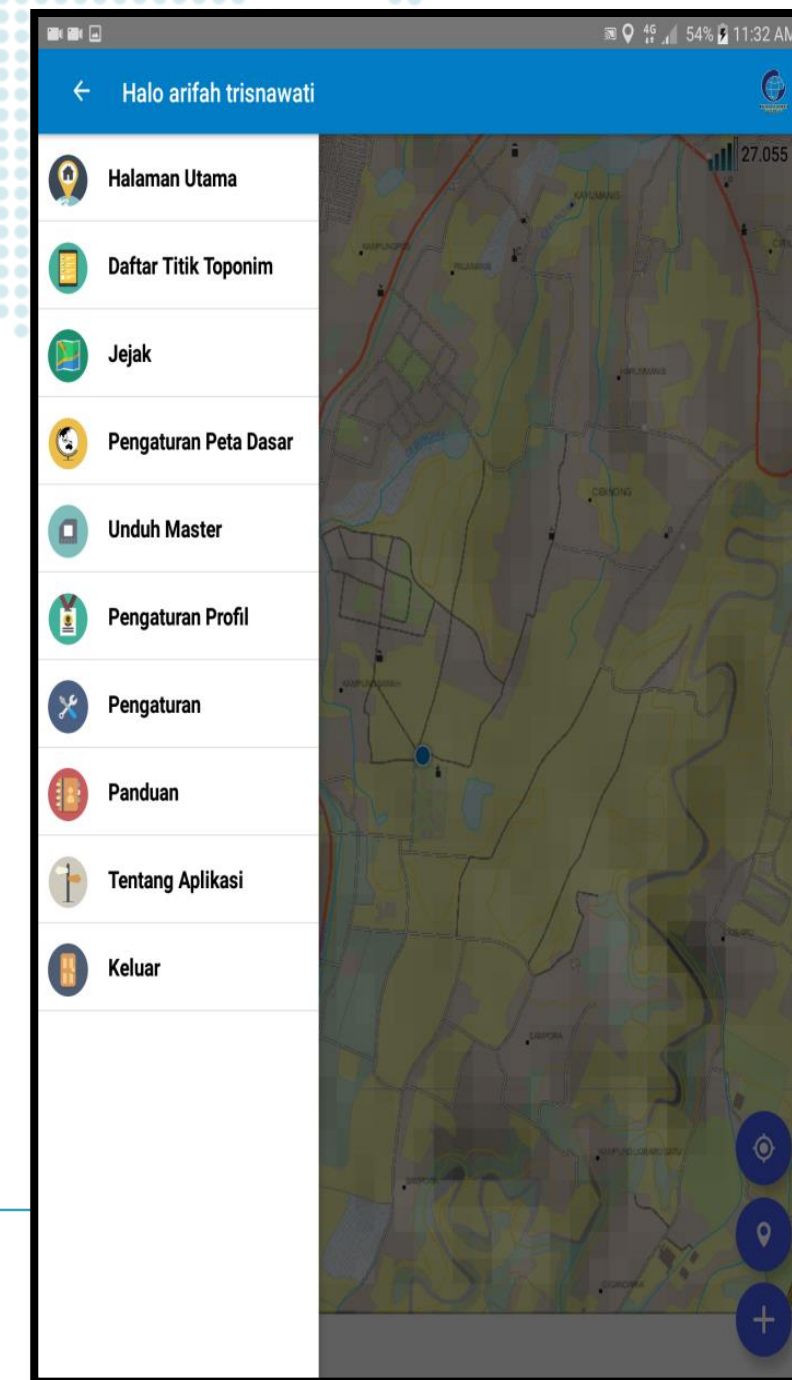
Sistem Akuisisi Toponim Indonesia
SAKTI

arifah@big.go.id

...

DAFTAR MASUK

Ver.1.0

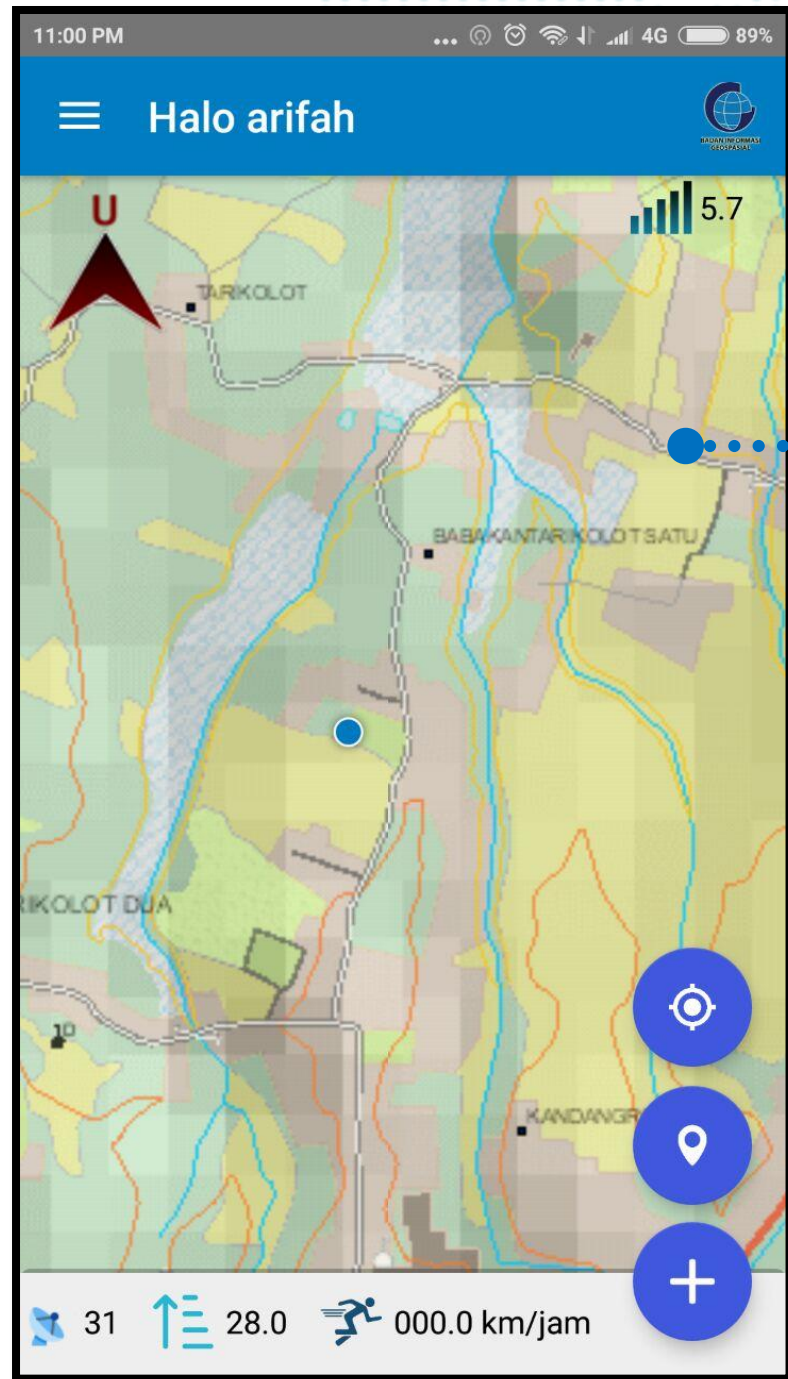


11:32 AM 54%

Halo arifah trisnawati

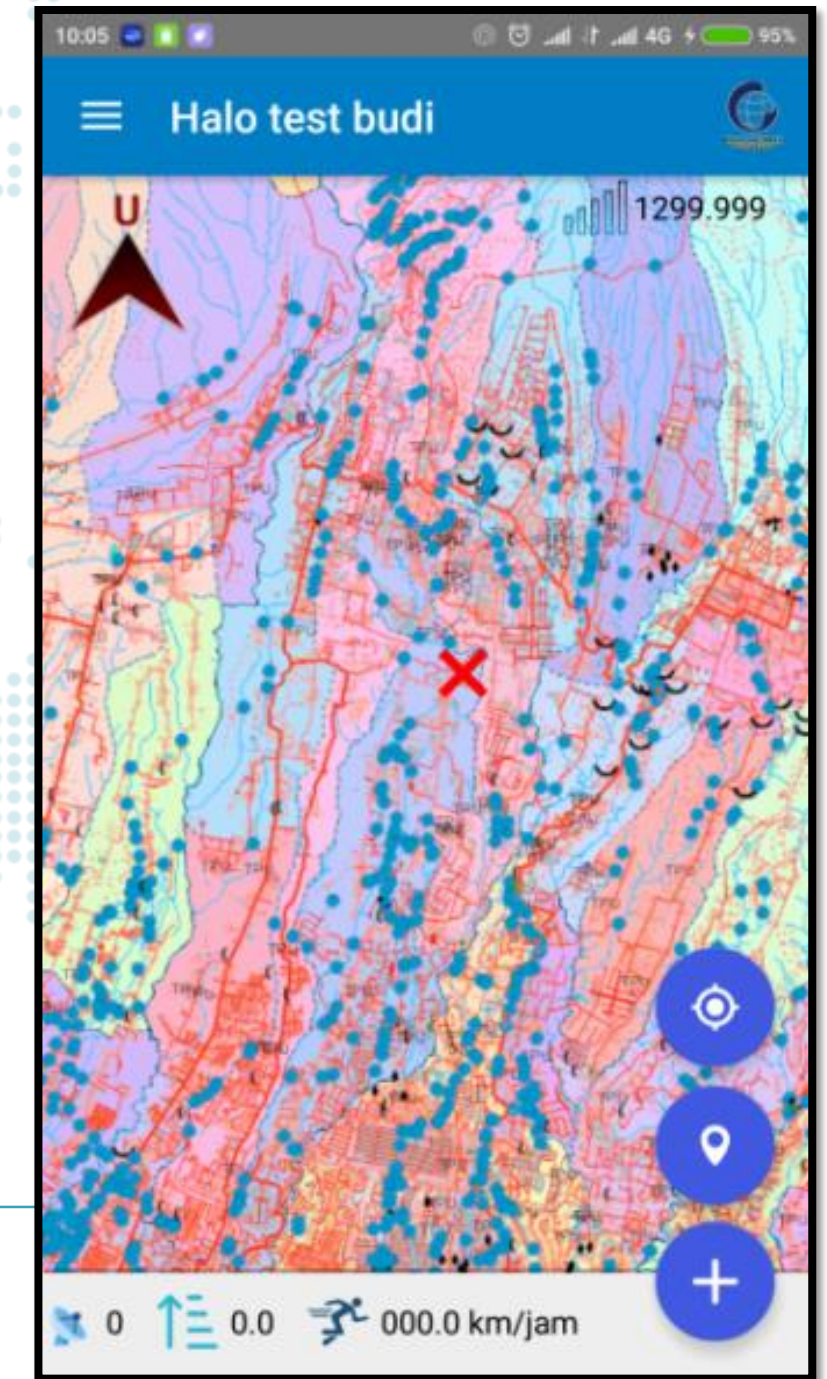
- Halaman Utama
- Daftar Titik Toponim
- Jejak
- Pengaturan Peta Dasar
- Unduh Master
- Pengaturan Profil
- Pengaturan
- Panduan
- Tentang Aplikasi
- Keluar

2. Basemap

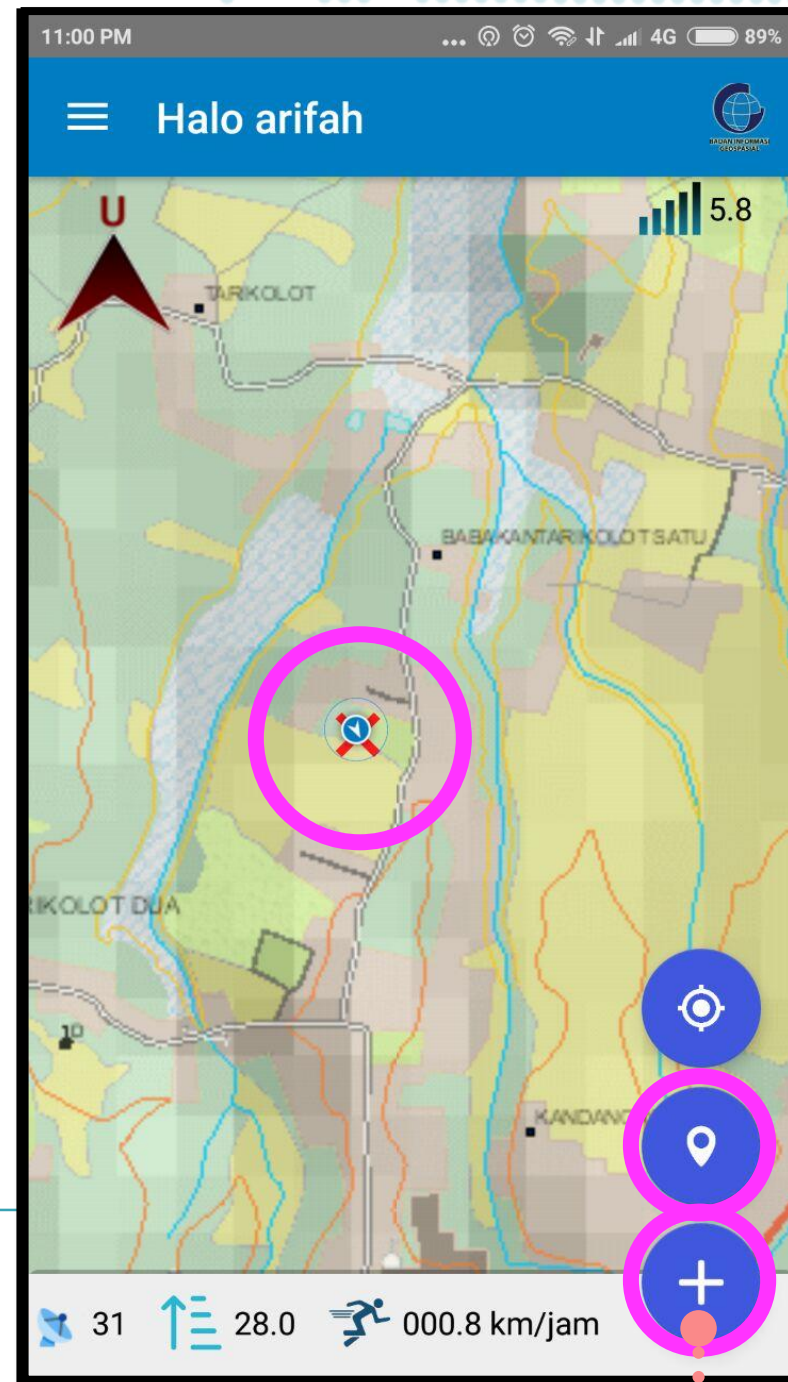
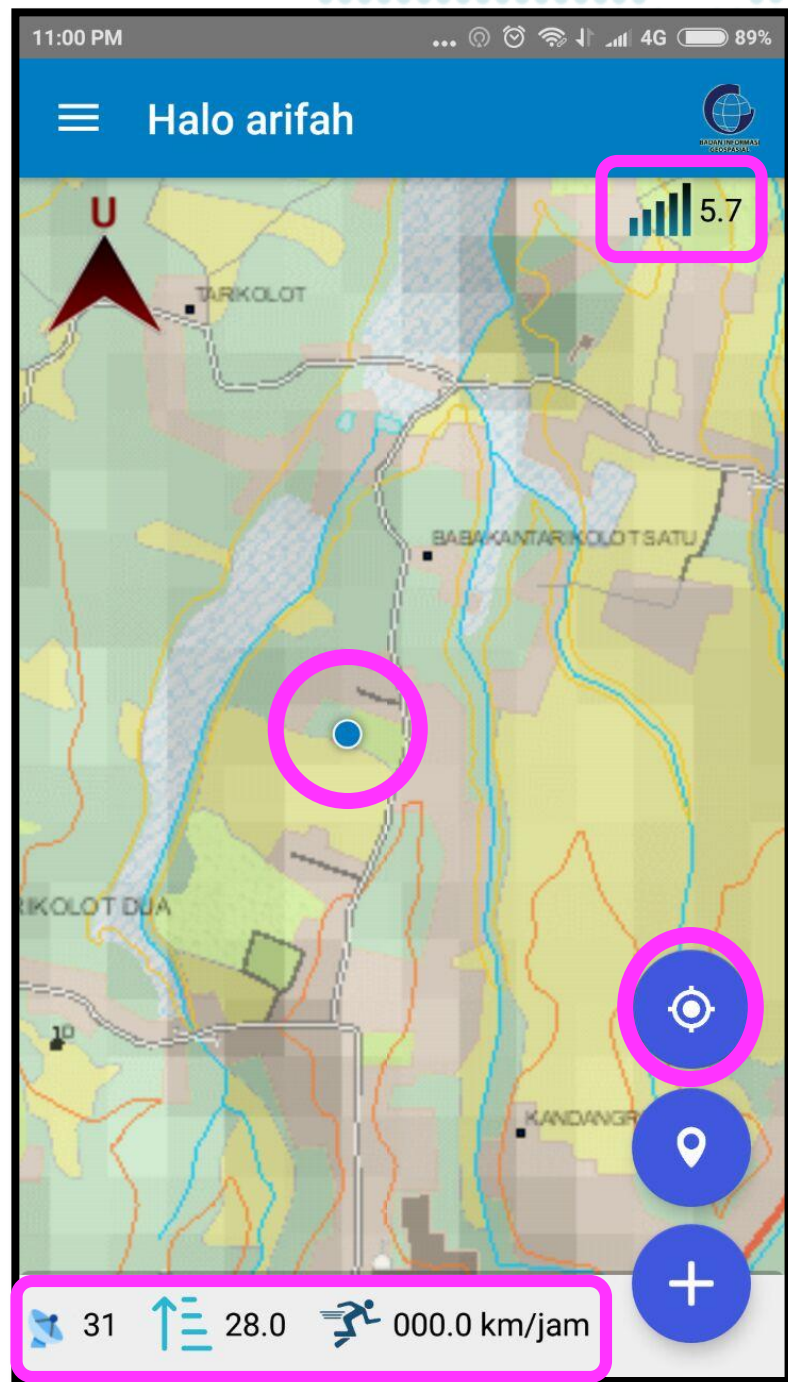


● Online Basemap
RBI service

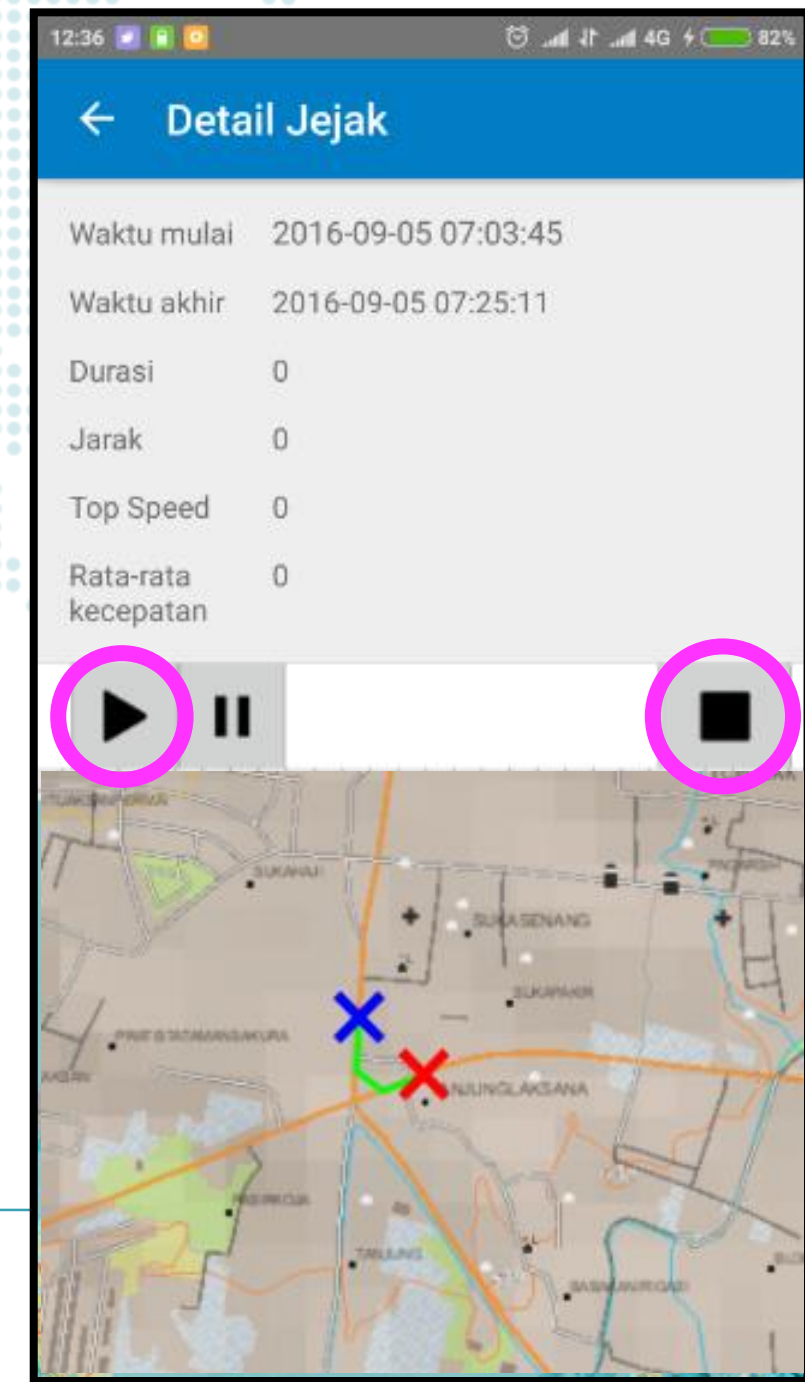
● Offline Basemap
*.tpk



3. GPS and Track

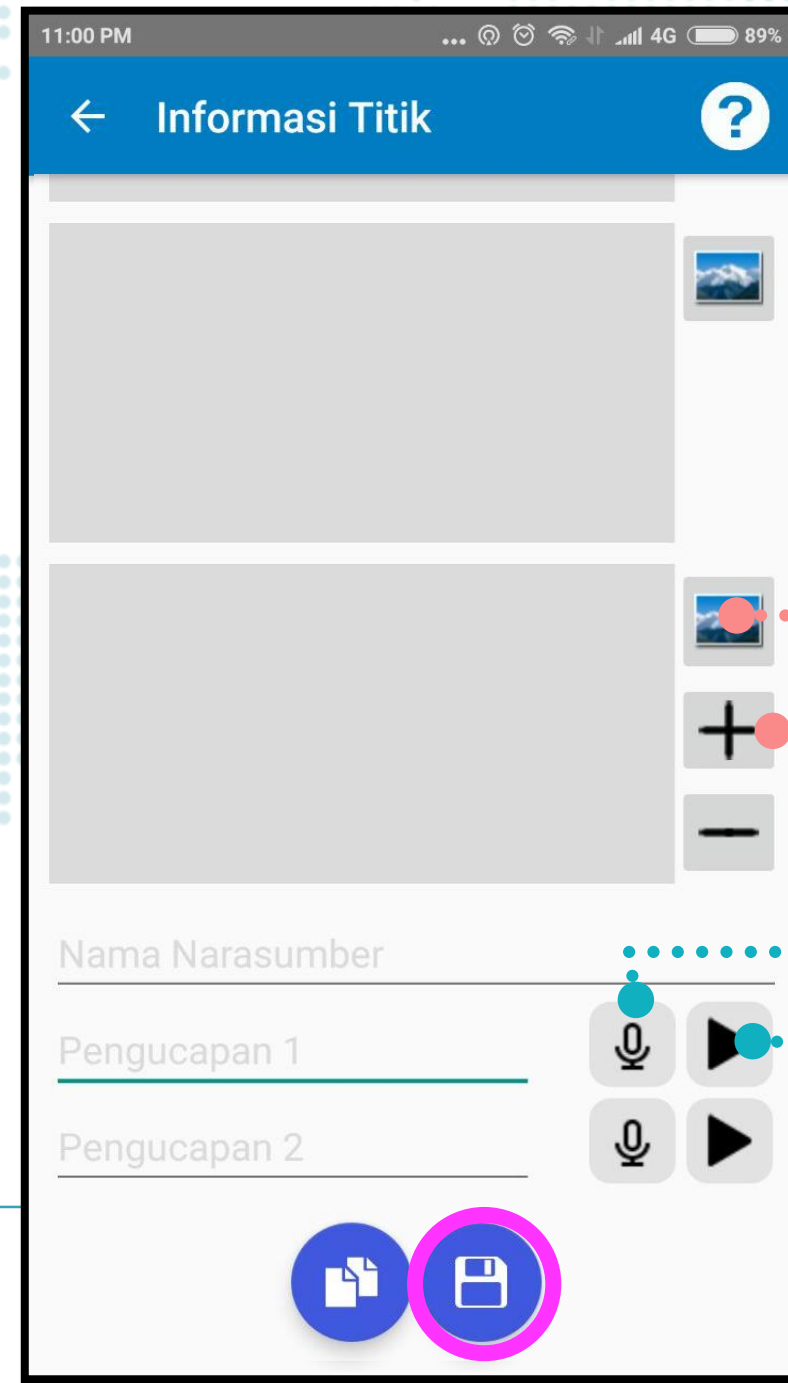
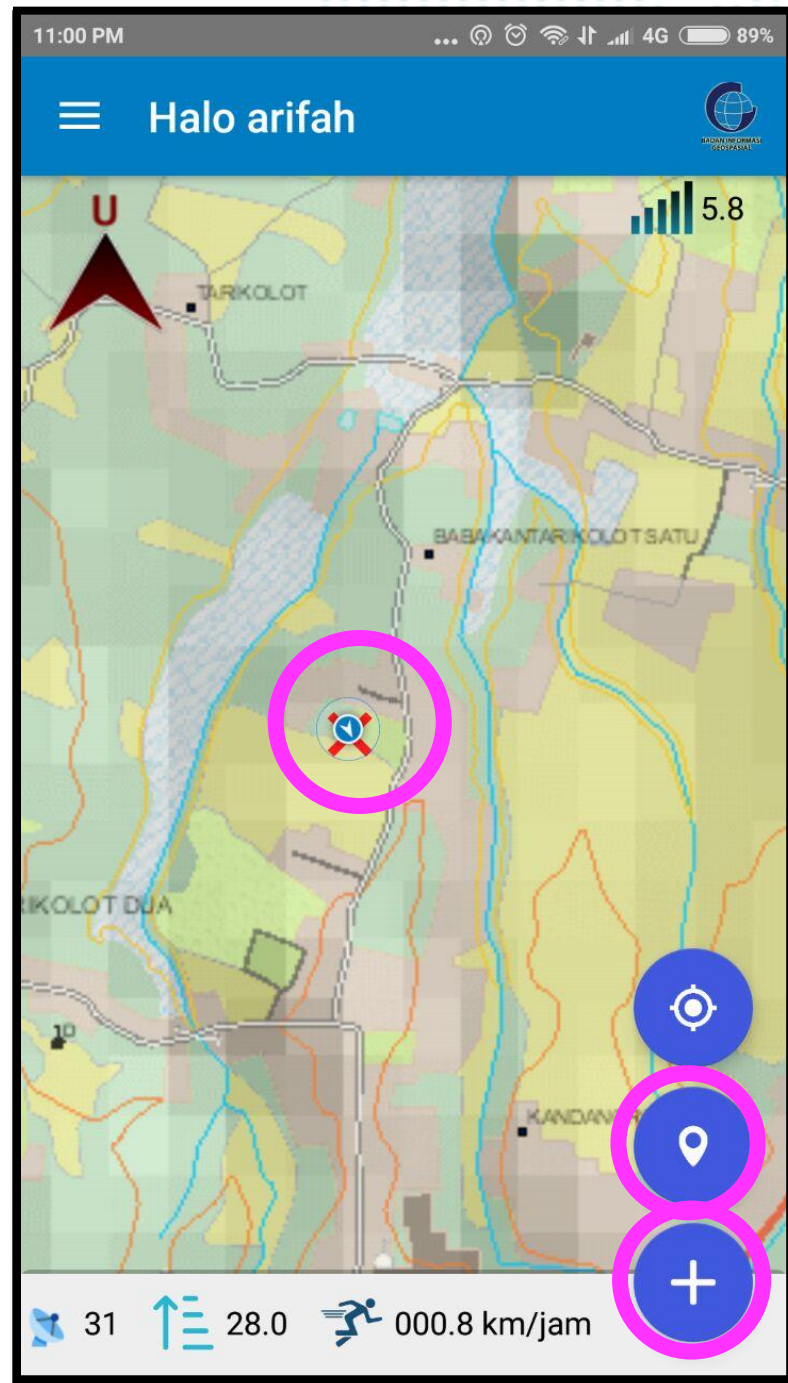


Data input



Tracking

4. Database



Tambah foto

Ambil dari kamera

Ambil dari album

5. Photos

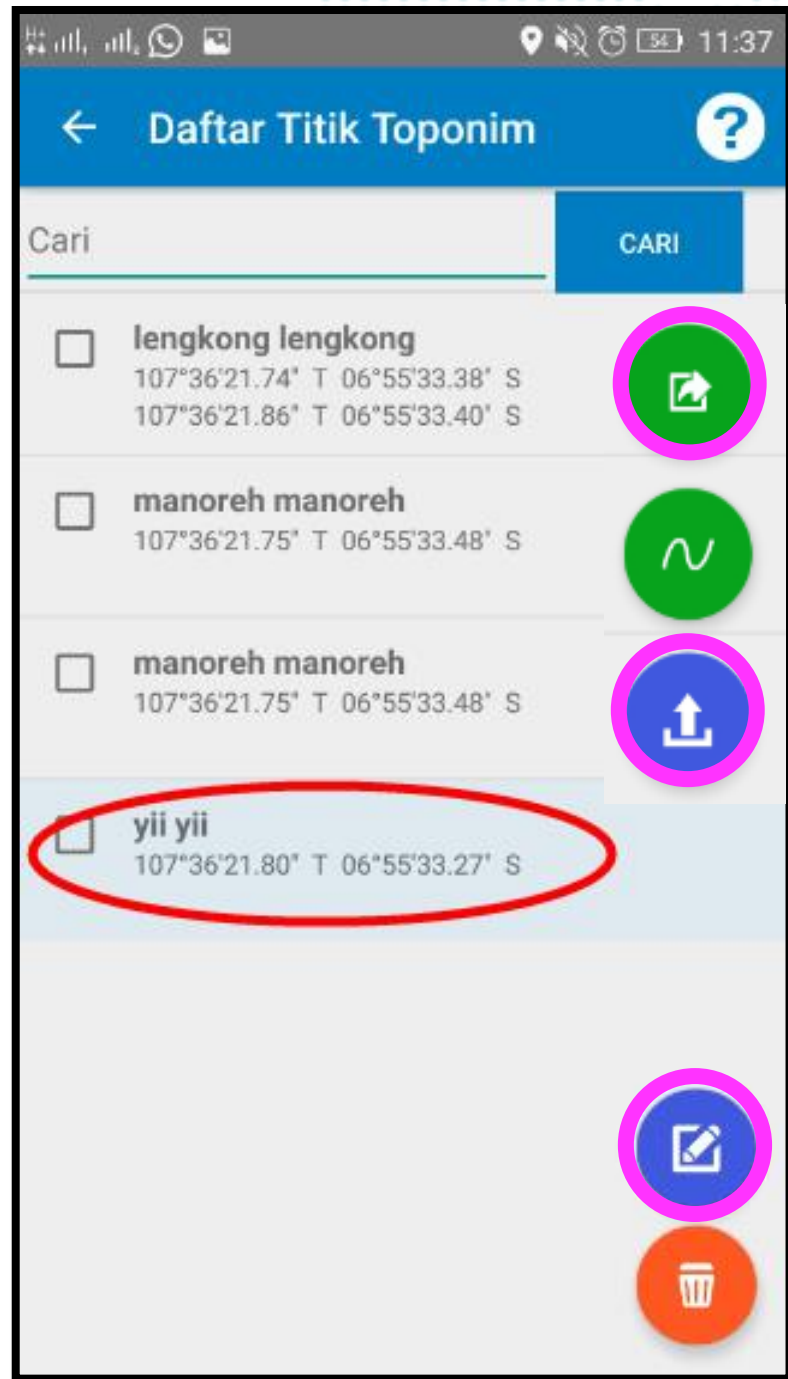
Up to 4 photos

Record

Play

6. Voice recordings

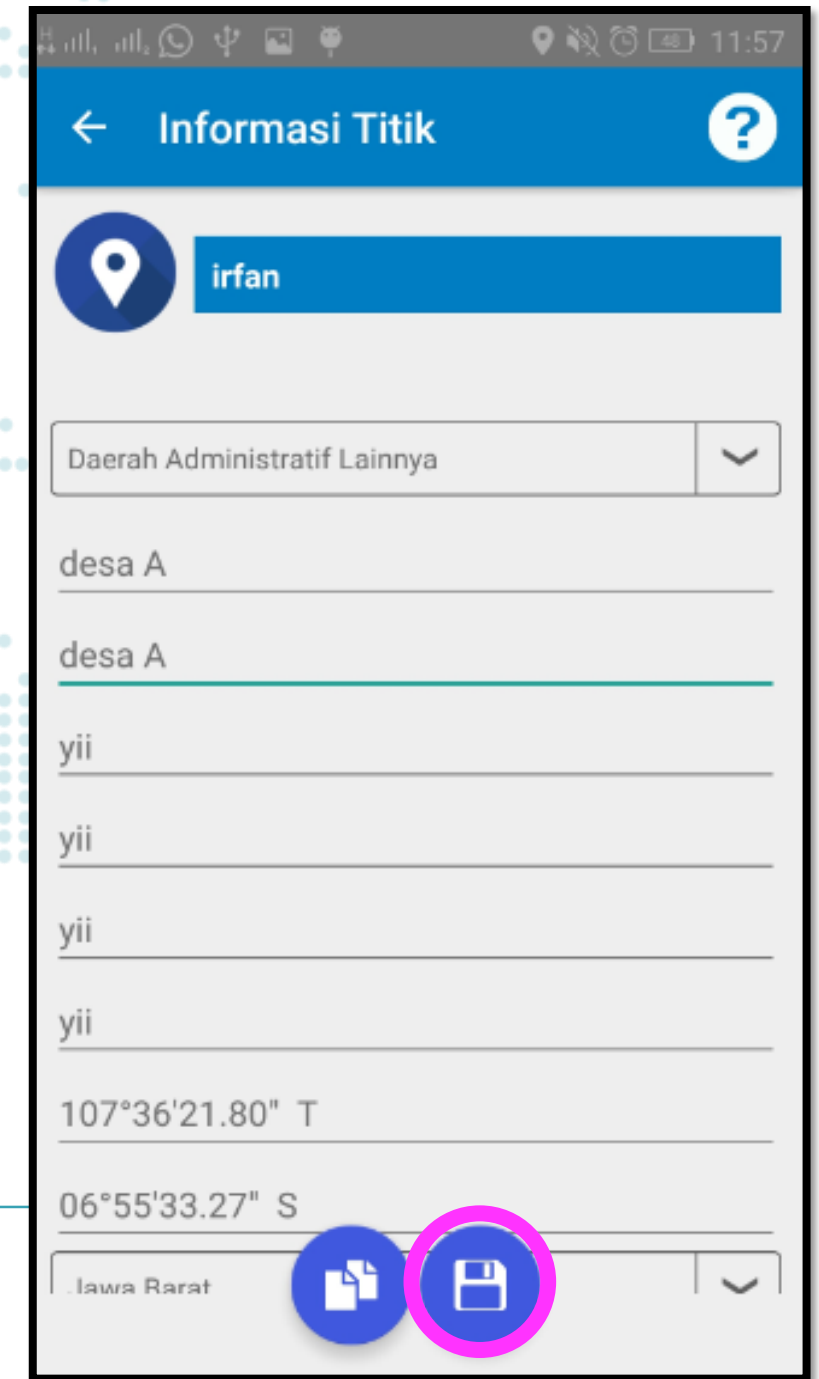
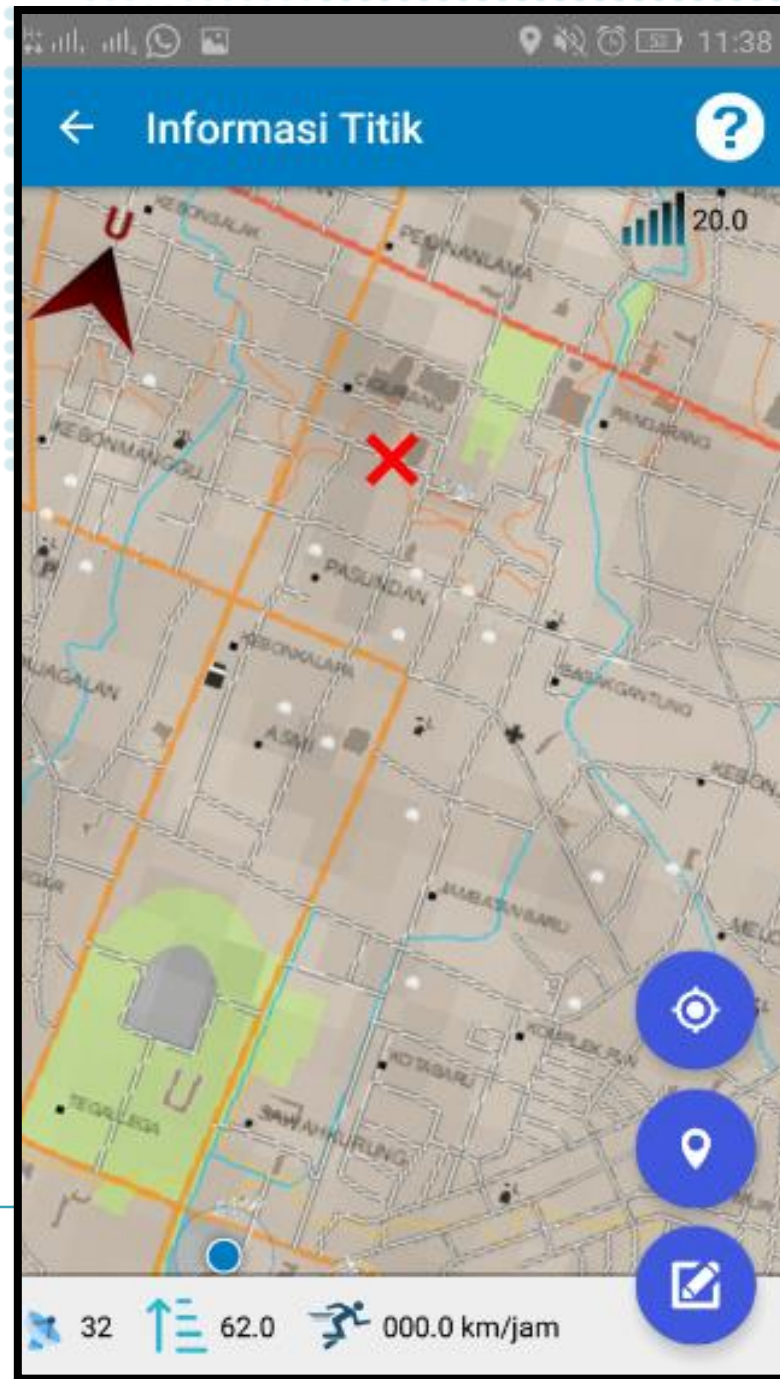
Database - Editing



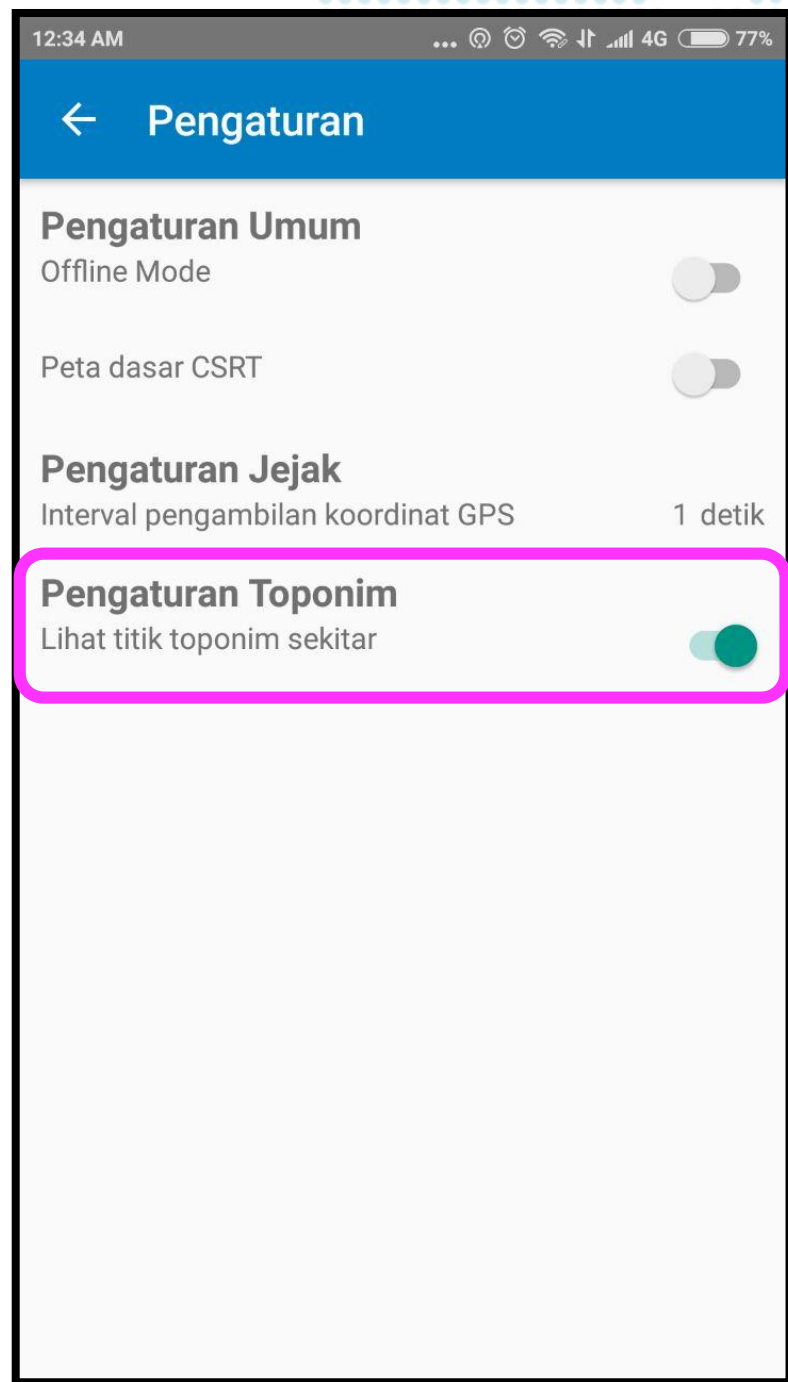
Export

Upload

Modify



Database – Surrounding objects

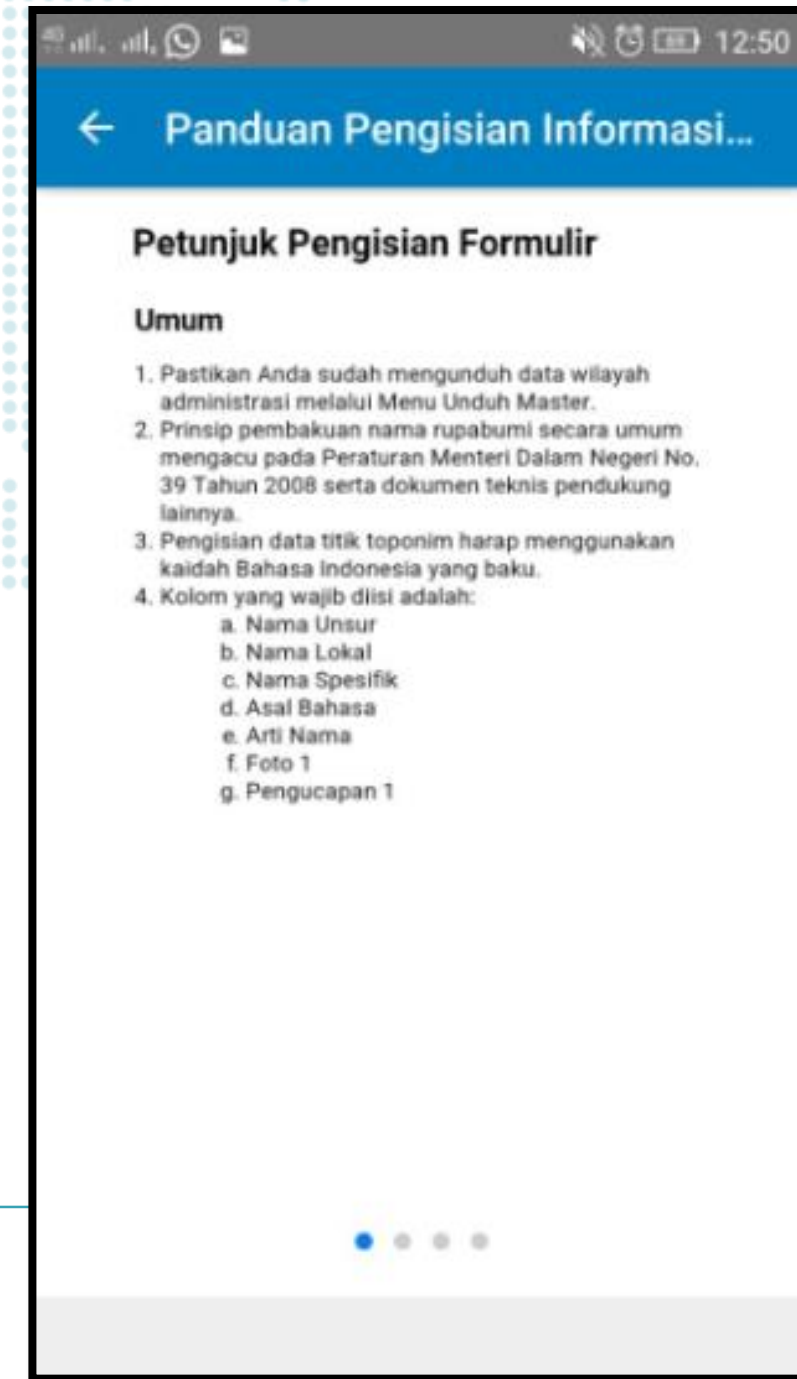
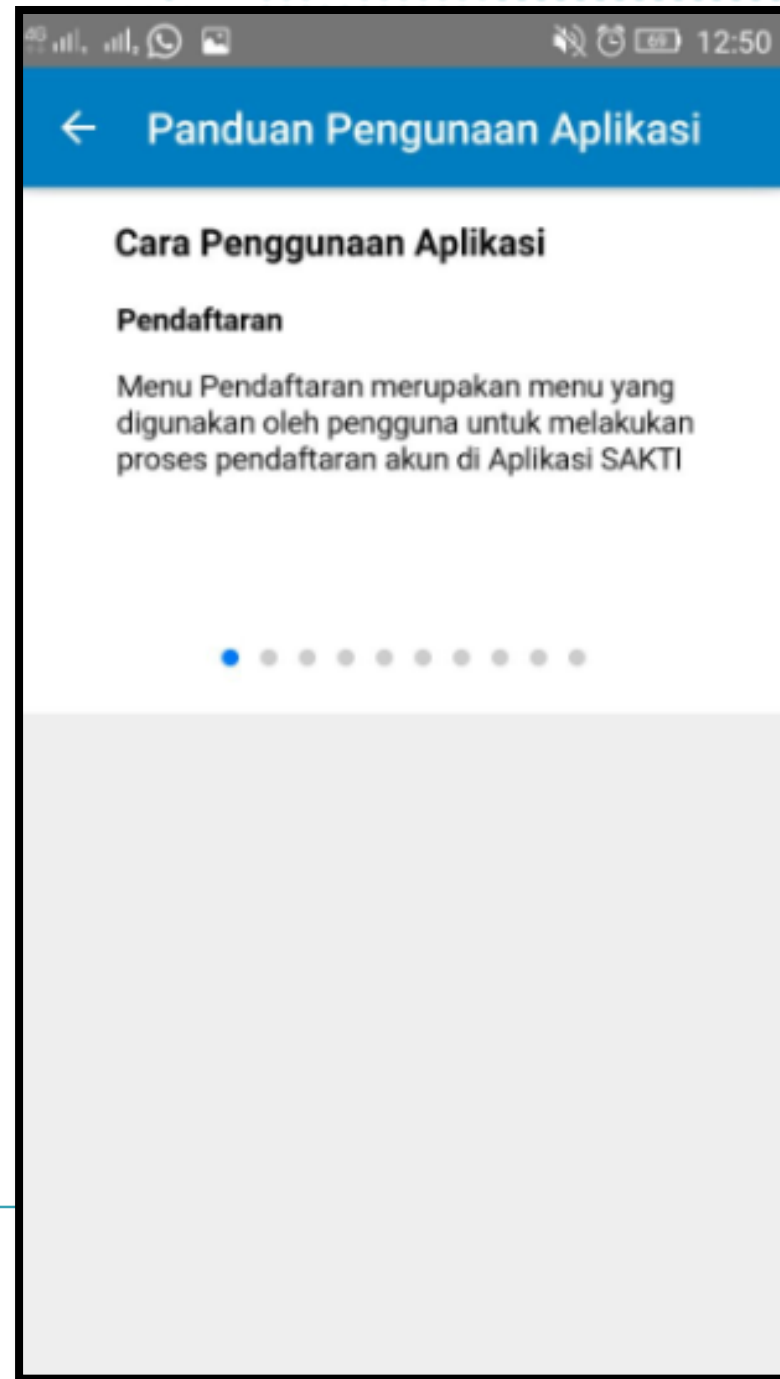
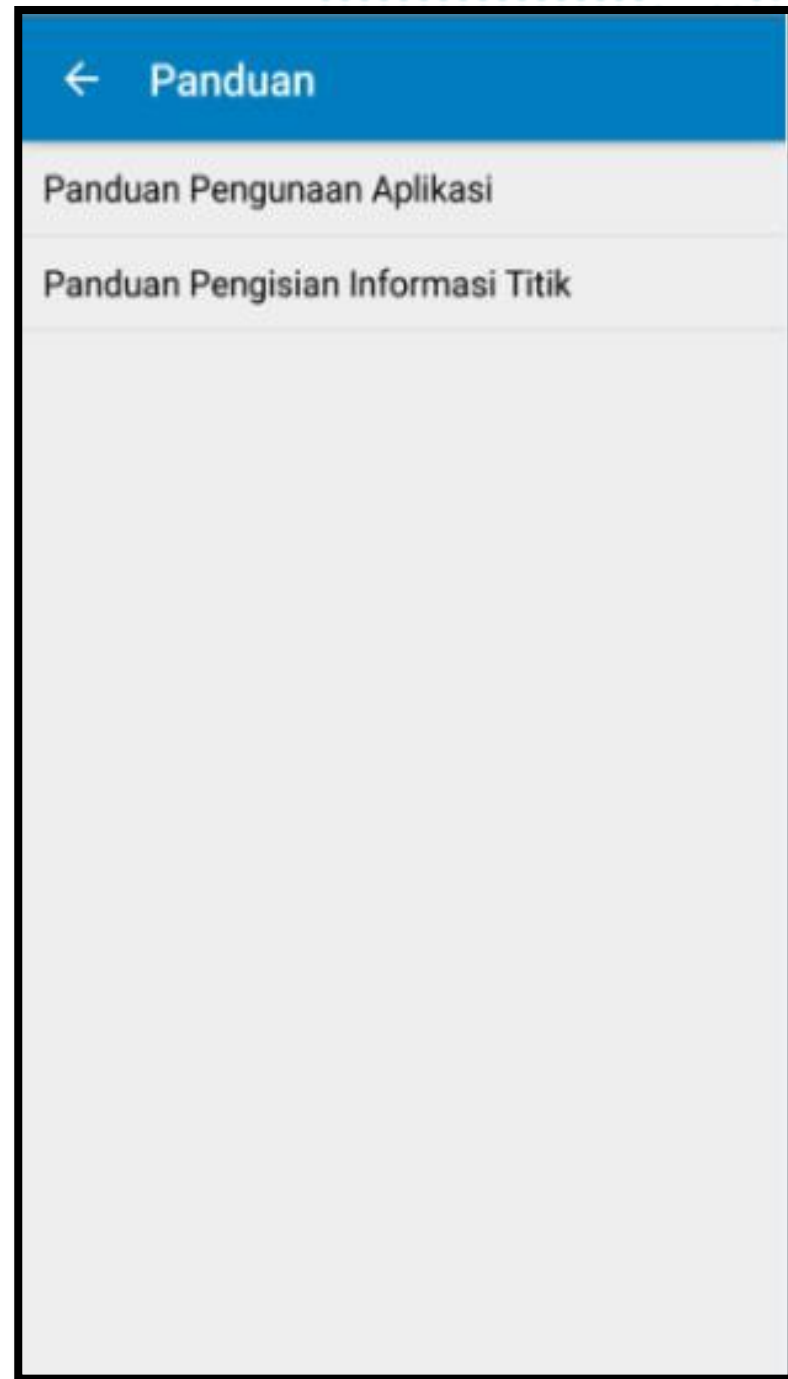


● Object name

● Other objects

● User Position

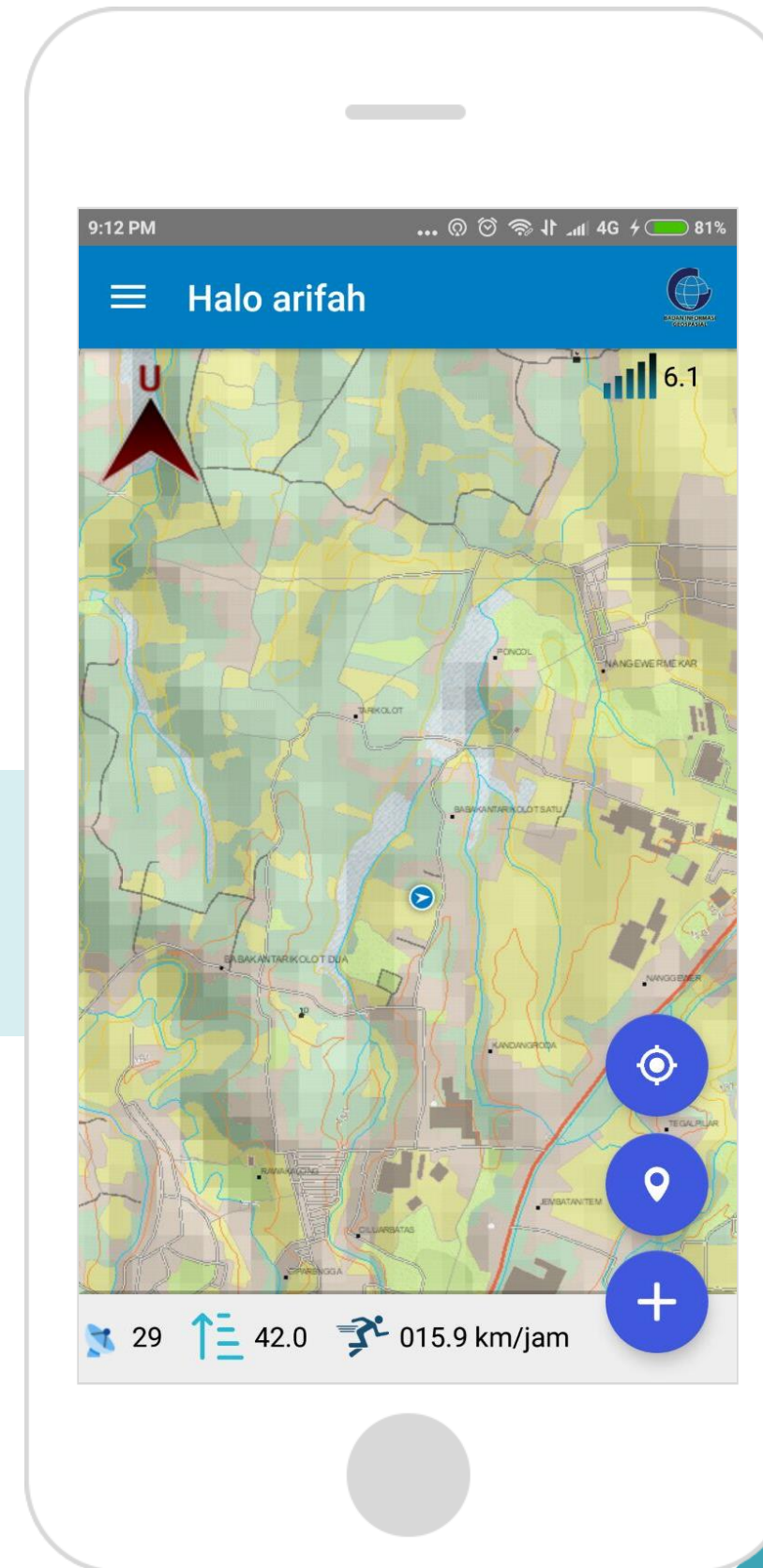
User Guide



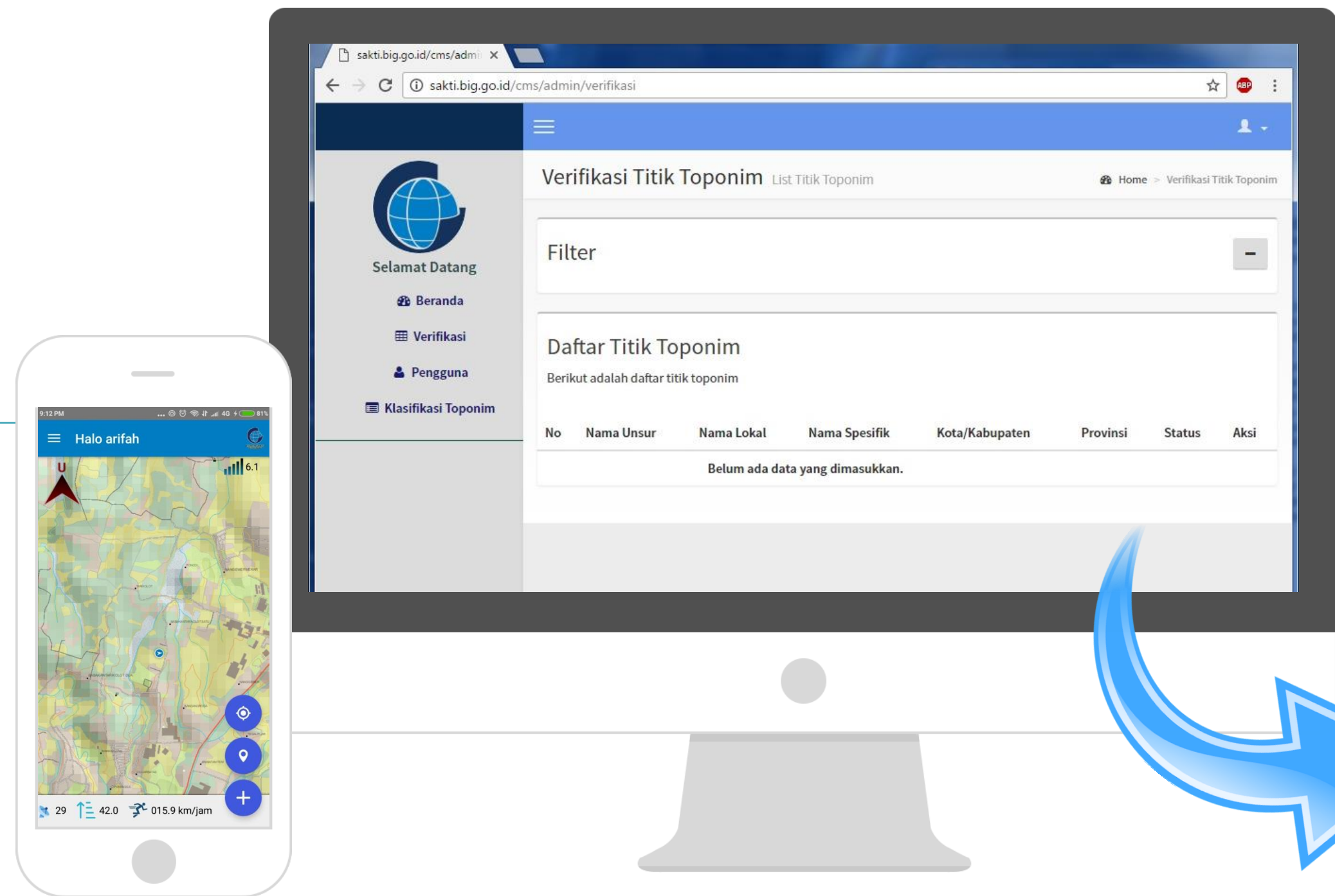
Version 1.0

1. Android based
2. Focused on collecting data
3. Can be operated online or offline
4. Managed with CMS

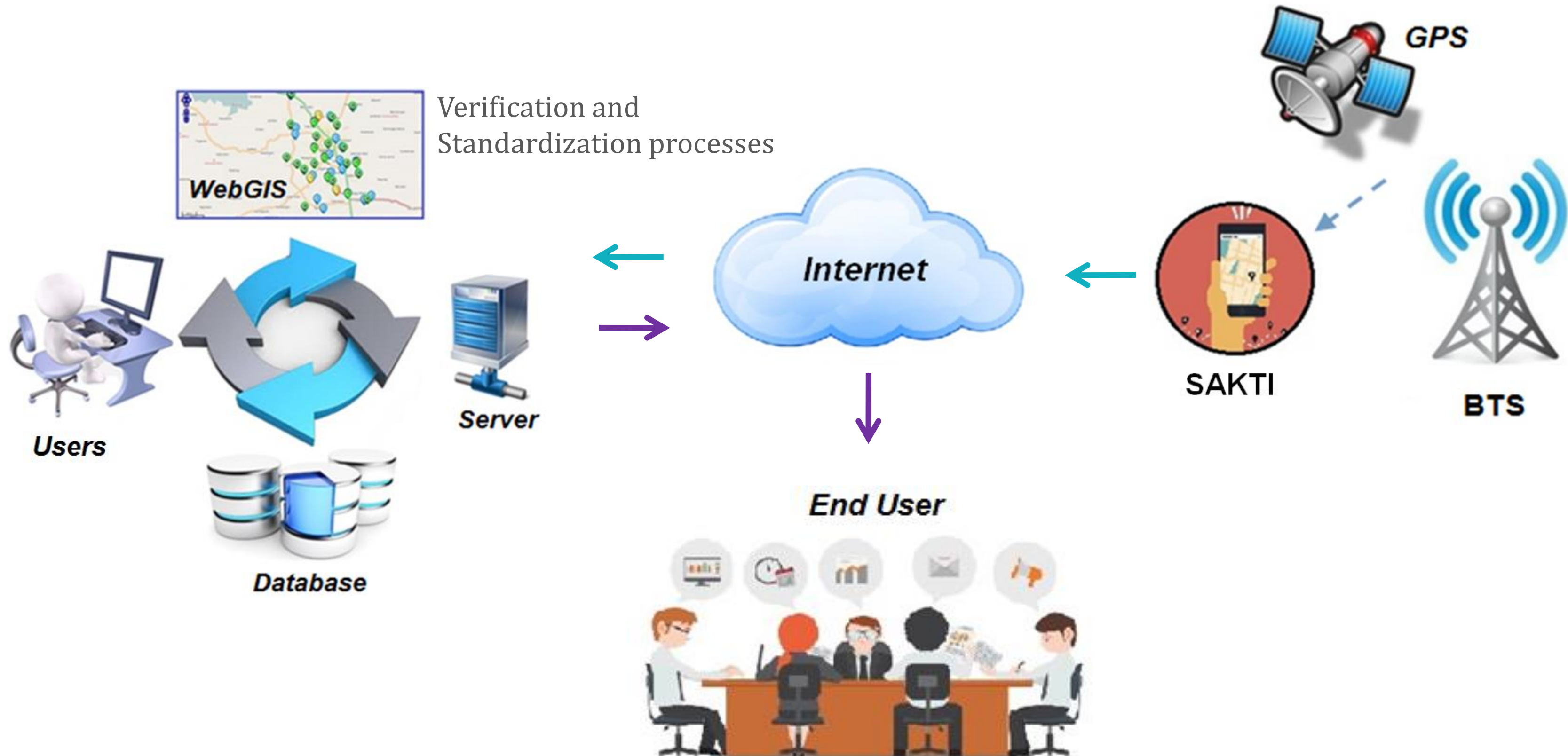
Toponym Data Acquisition



MANAGE TOPONYM DATA



Development Plan





Thank You!