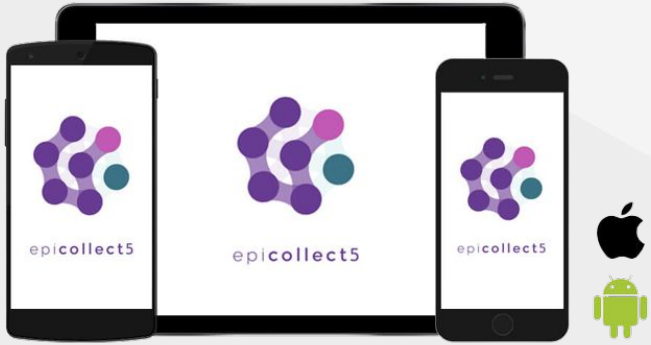
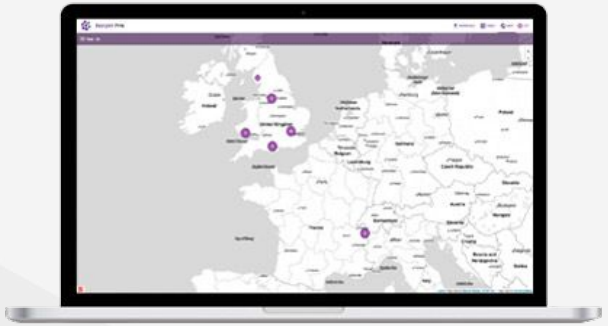
EpiCollect5 for Data Collection

Nafisa Andika Putri
Badan Informasi Geospasial

EpiCollect5



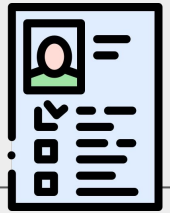
Android (6+) & iOS (12+)
Data collection (point only)



Web
Data collection + project & form set-up, data download

What Do I Do?

Step 1



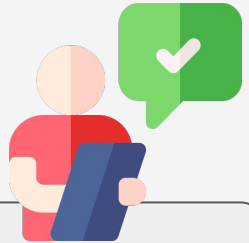
Set-up a project & form

Web

Step 2

Import project & form to phone

Step 3



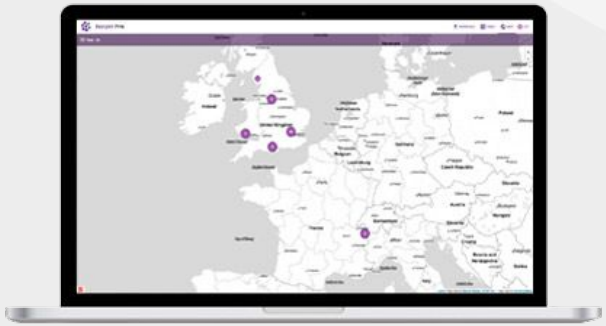
Collect data

Mobile

Step 4

Download data

Web

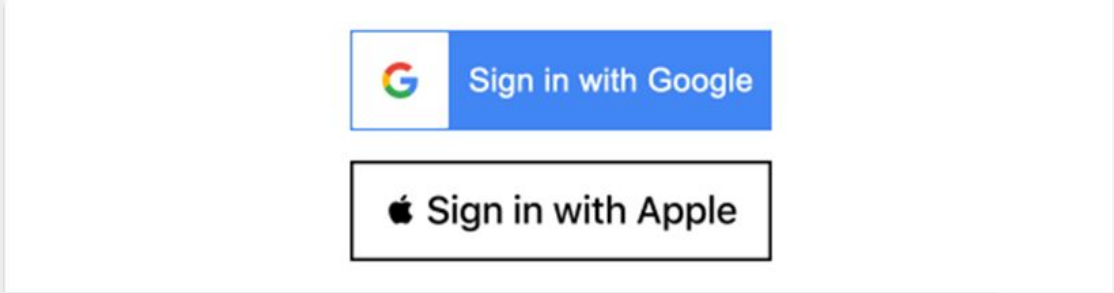


Step 1
Setting Up Project & Form

Login on Web

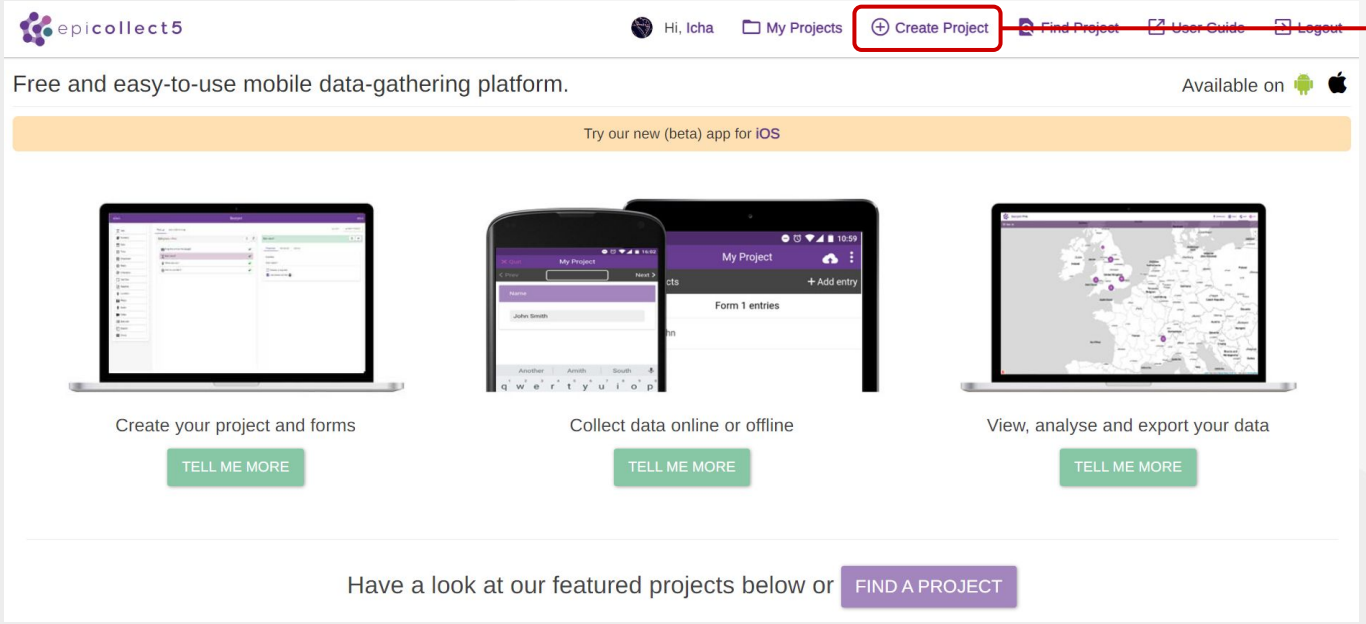
Access **five.epicollect.net** and **Login**

using **Google/Apple Account**



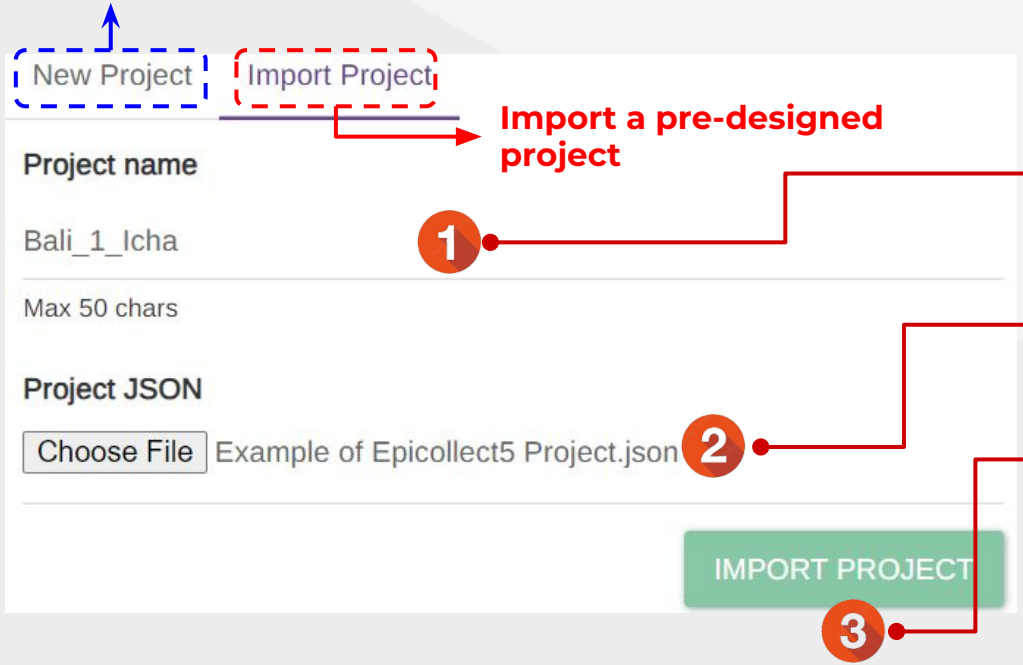
Set-Up Project & Form (1)

Click on **Create Project**



Set-up a Project & Form (2)

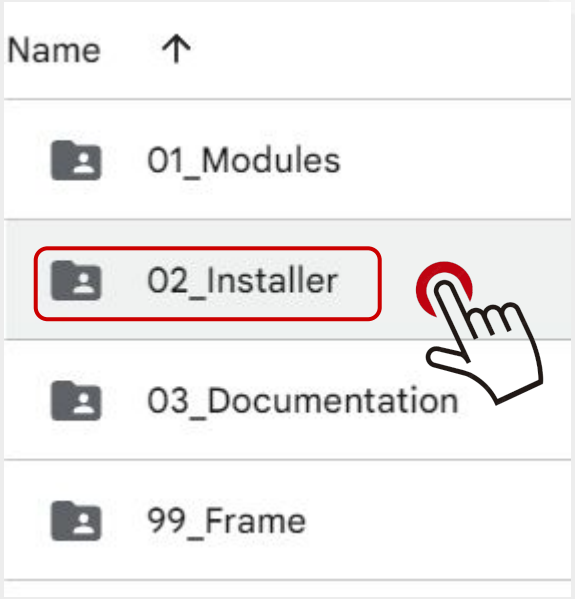
From scratch

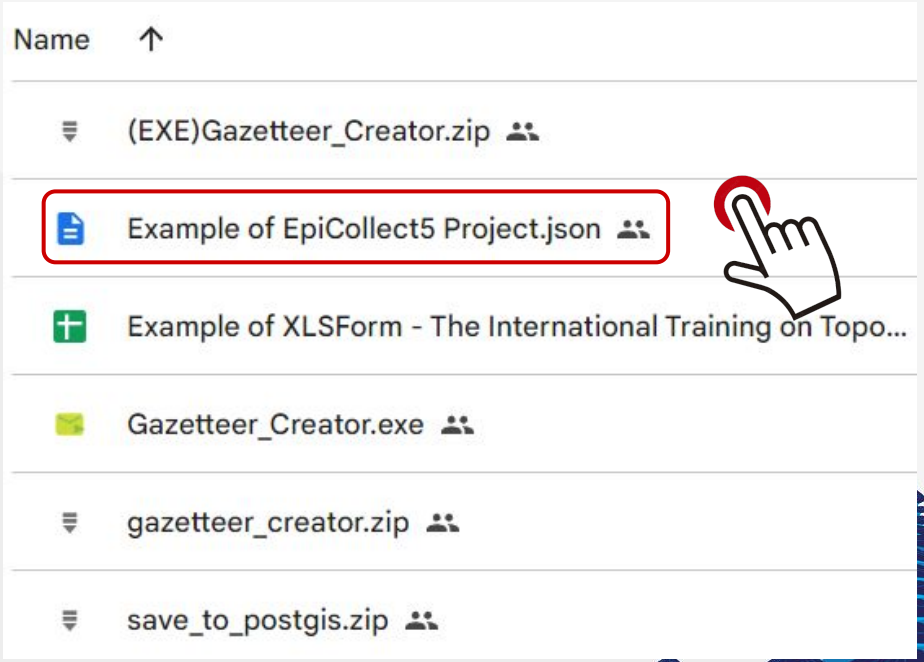


1. Project name: Bali_group number_yourname
2. Select pre-designed project
3. Import project

Download Pre-Designed Project

Go to **toponim.id/2023/modules**

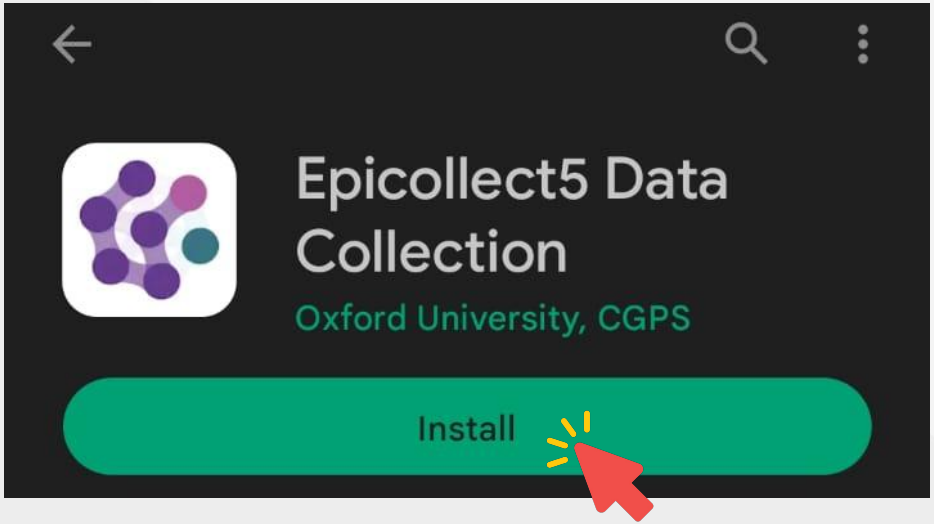




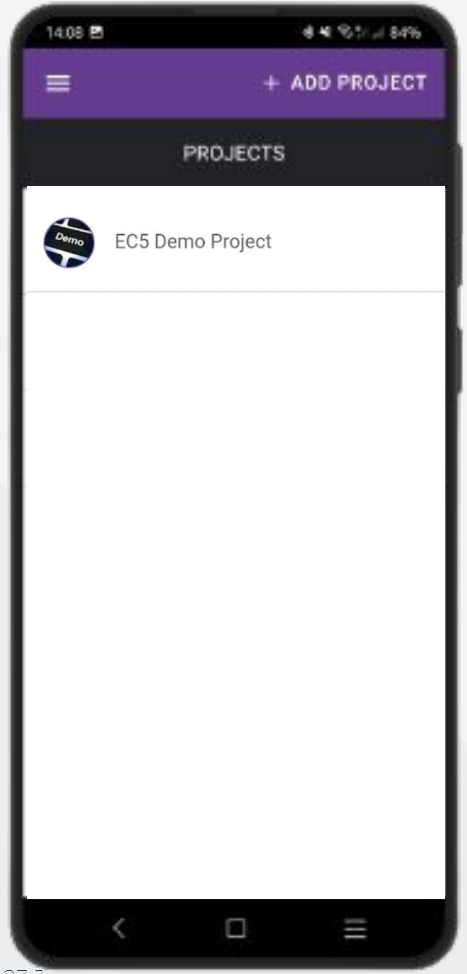
Step 2
Importing Project & Form to Phone

Install

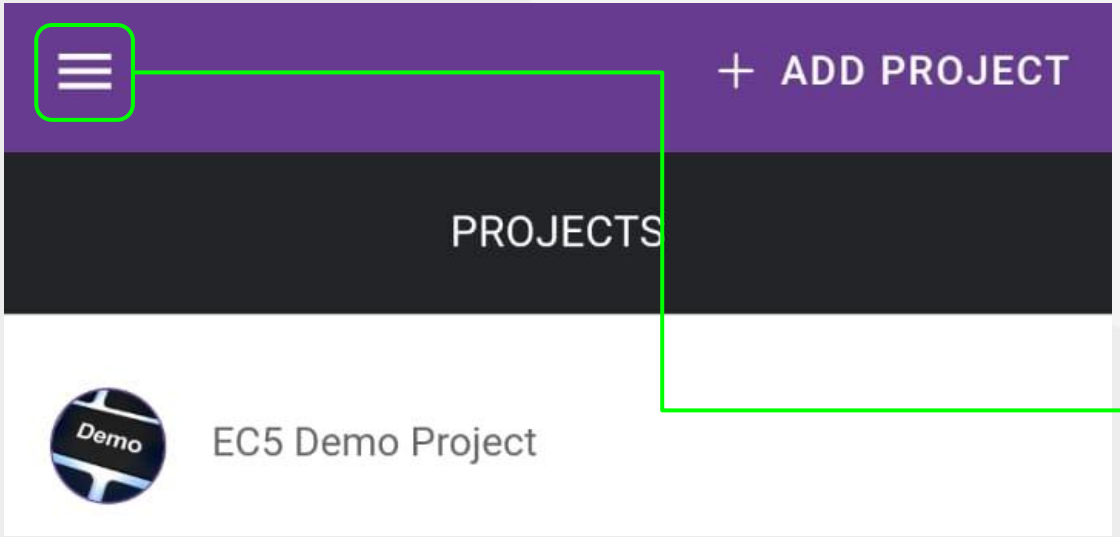
Google Play Store/App Store: **Epicollect5**

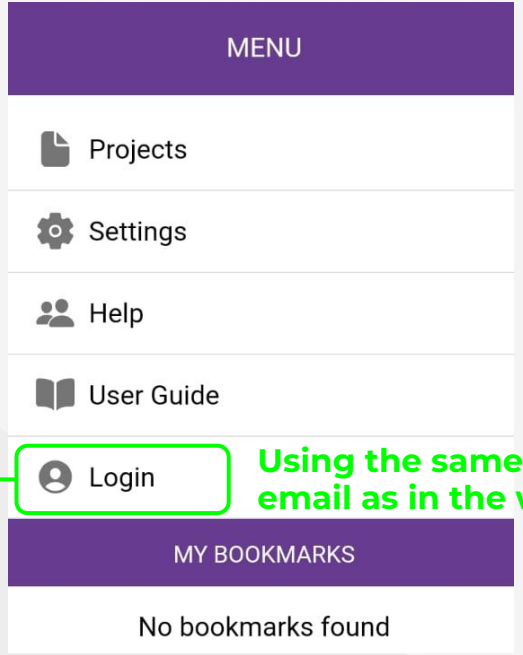


First Look of Epicollect5 Mobile App



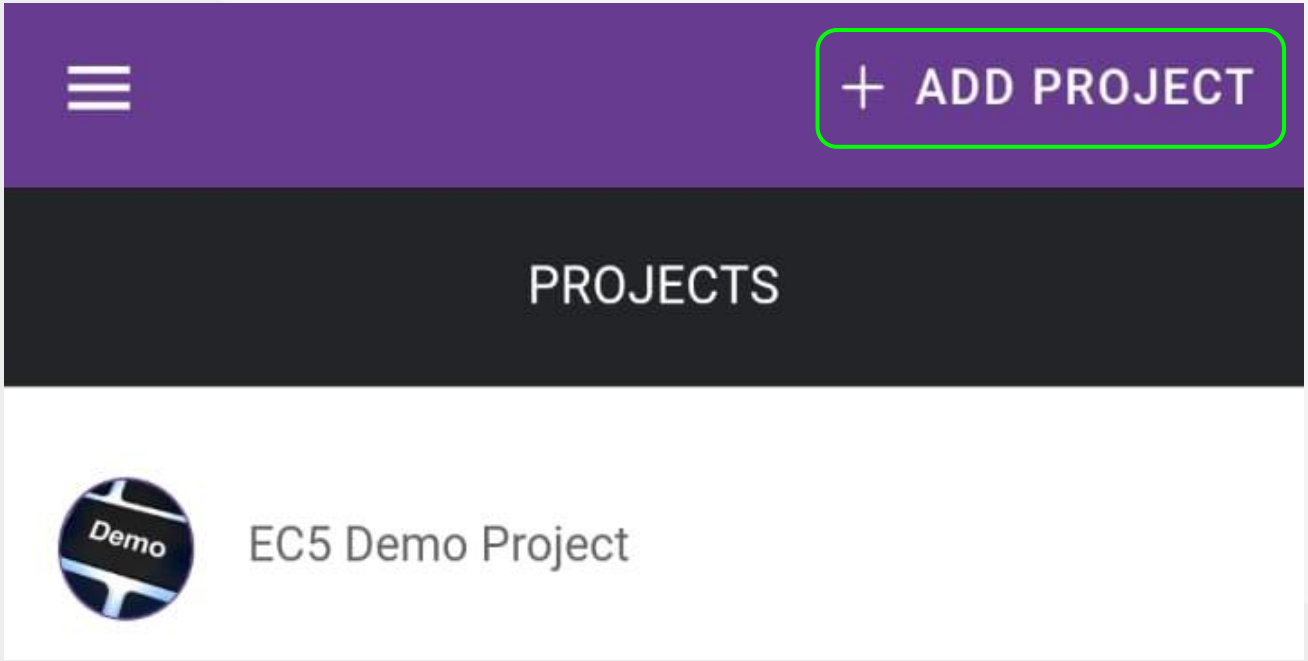
Login on Mobile





Using the same email as in the web

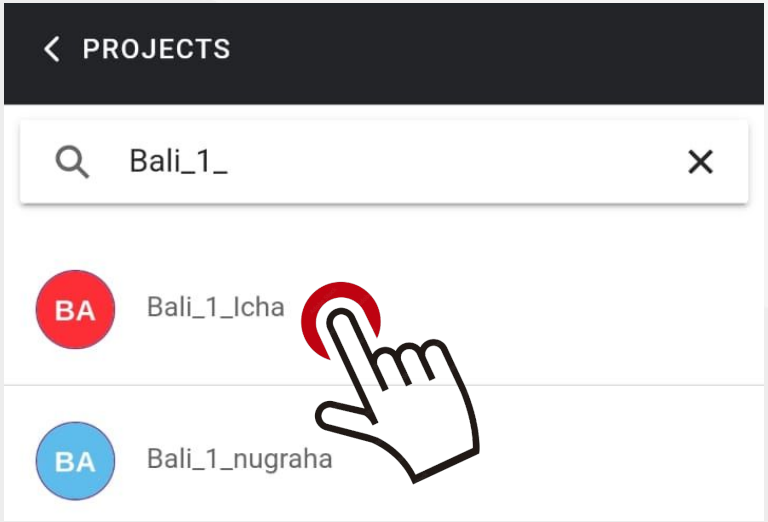
Import Project to Phone (1)



Import Project to Phone (2)

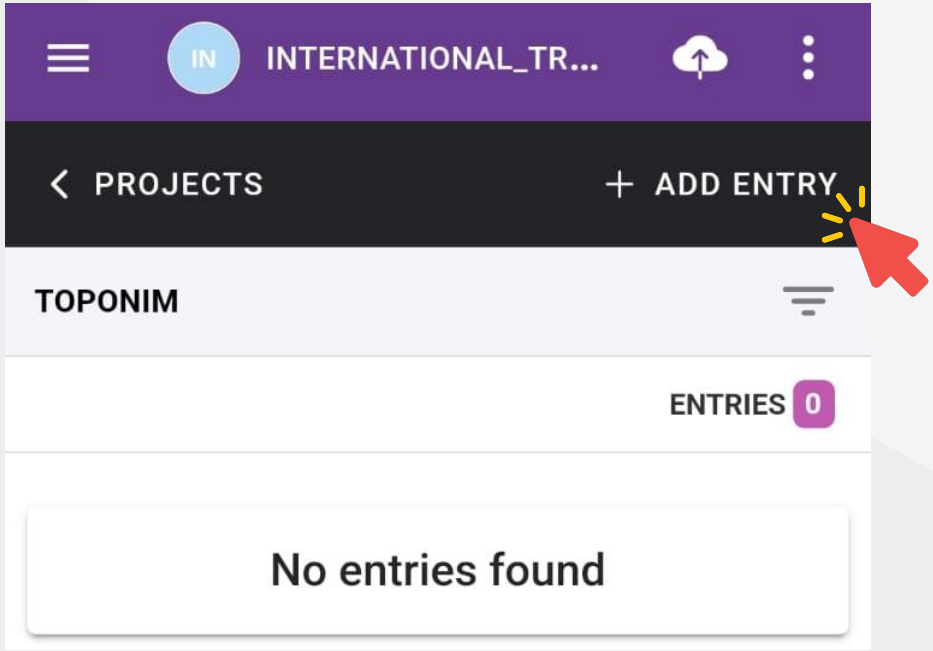
Click on **your project name**

(Make sure you **choose your own project**. If you choose the wrong project, your data will be stored in another's account)



Add Entry

Click **Add Entry** to start collecting data

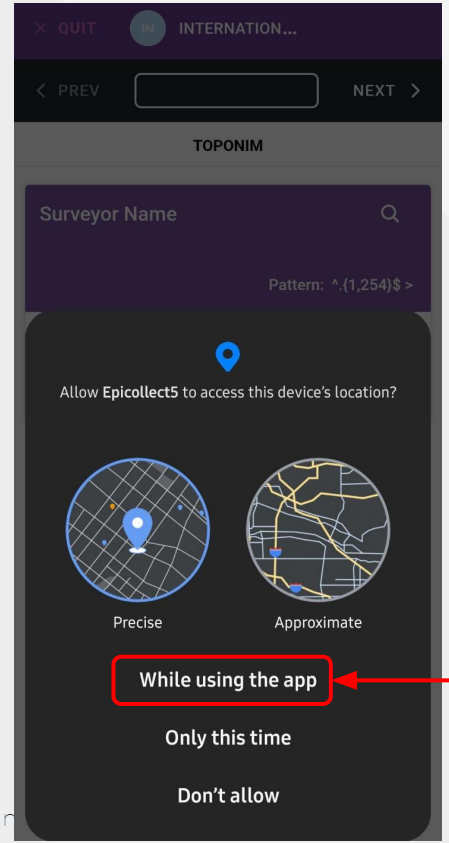


Step 3
Collecting Data

Example of Questions

- Place Name
- Variant Name/Alias/Popular Name
- Province/State, Regency, District
- Surveyor Name
- Survey Date
- etc

Notes for Data Collection (1)

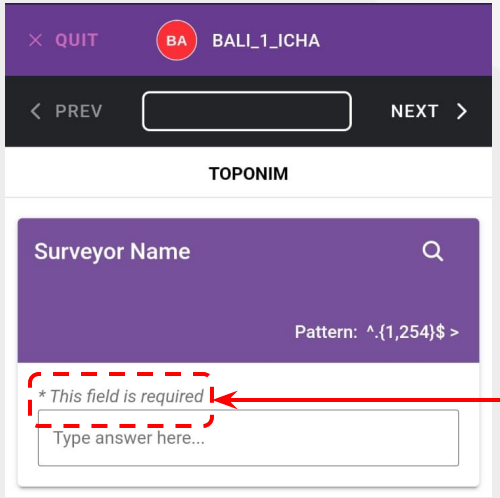


If this notifications popped up,

choose **While using the app**

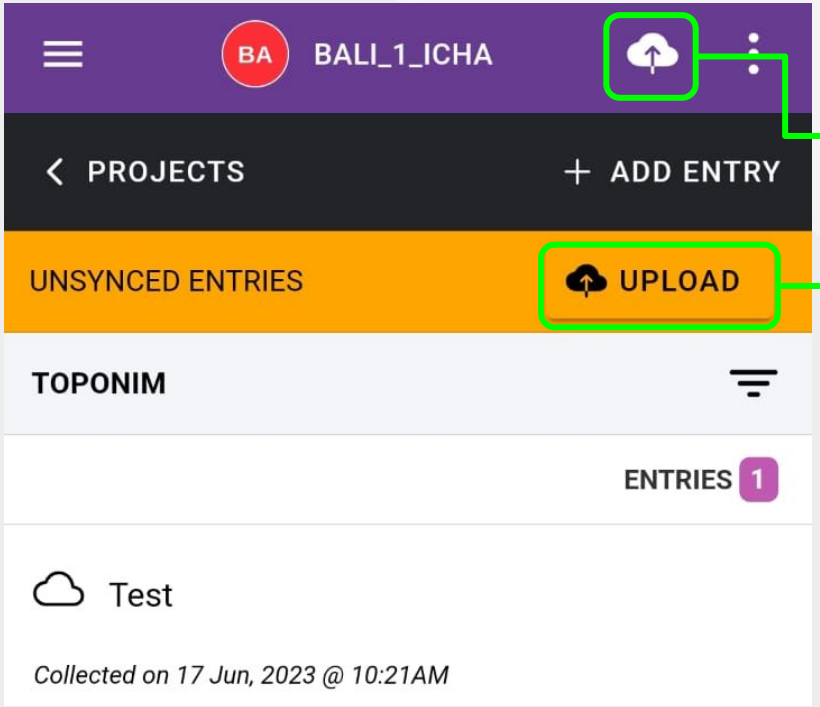
Notes for Data Collection (2)

- **Mandatory questions** are marked with an **asterisk (*)** that says **“*this field is required”**

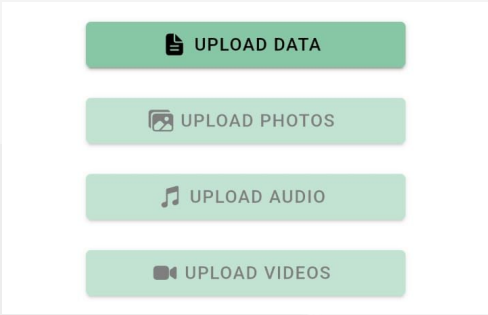


- **Locations:** only record phone’s location, cannot be used for digitizing

Don’t Forget to Upload Your Data



Click **Upload**



*Data, photo, voice will be uploaded separately

Step 4
Downloading & Converting Data

Downloading Data (1)

Hide	Question	Mapping To
☐	Surveyor Name	*surveyor*
☐	Survey Date	*date*
☐	Geometry Type	*geom_type*

Go to My Project >> Details >> Mapping Data

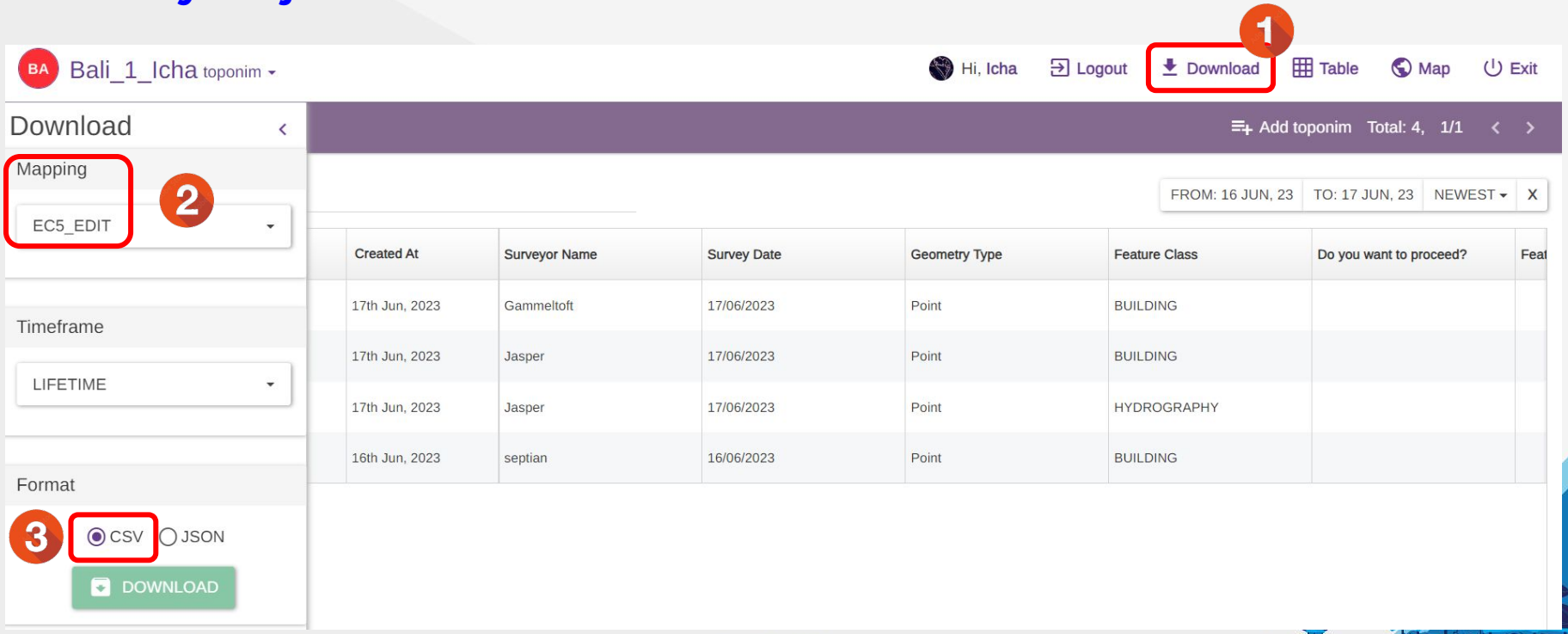
Mapping Data is like the **table template** of the downloaded data. It **stores column name/identifier**.

Because we'll create our own database, and we have the standard of the table (column name, type, etc), we need to create customized Mapping Data, so epicollect data will have similar column name with the database. And the data can be stored in the database.

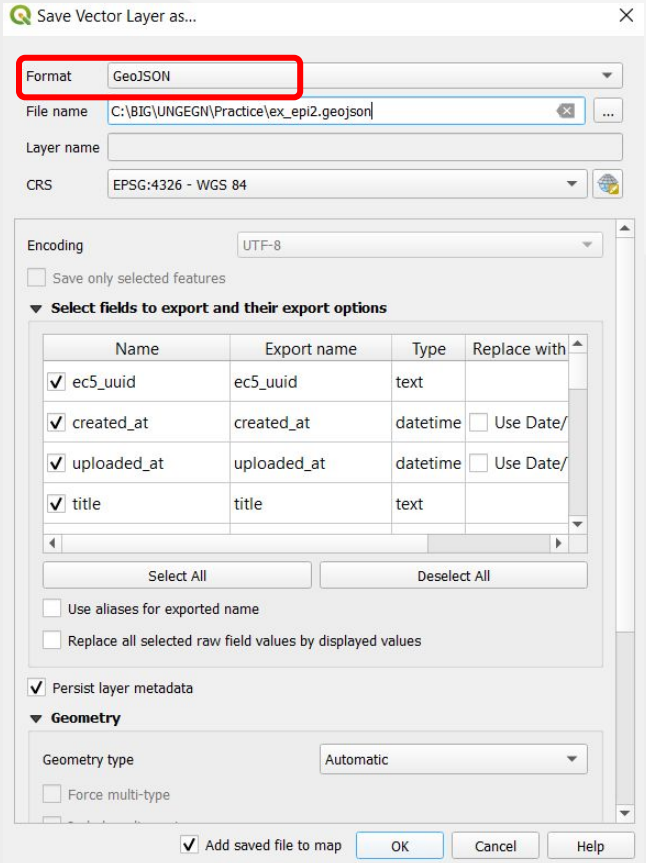
This is further explained in the module.

Downloading Data (2)

Go to My Project >> View >> View Data



Converting CSV to GeoJSON using QGIS



- **PostgreSQL needs spatial data format**, and GeoJSON is the most convenient format to process.
- But epicollect only provide **CSV or JSON** file. The JSON one has some issues as the location field cannot be detected, so we choose **CSV**.
- The CSV file then converted to GeoJSON using **QGIS**.

Download as CSV >> load to QGIS >> Export as GeoJSON

Terima Kasih
Thank You