

How to using Firebase Database

1. Create apps as usual and proceed with making the menu.
2. Go to **(IMAB) Tables**, then create a table with option **Source JSON = offline** (Offline App)

Item has been successfully save!

You can using menu (IMAB) Recovery and Issue to check the conflicting table

General

Current Table: * Edit table "Product - Upd.1712" Reload

Need Column: - 7 column
How much need columns?

Page Target (Controller): - page 'products' (by)
It's will overwrite pages

Properties

Table Name (or singular name) ***: product
note: maximum length of 16 characters and change title will be create new table

Template for Data Listing: Thumbnail II (id + titl)
Template for list items

Template for Single Data: Tabs
Template for single item

Manual Code: Default
Alternative template

Color: Colorful
Coloring template

Source JSON **: Offline (Backend Tool)
Type of application data

1st Variable for List Item:
Fill blank for default, {items: [...]}. then you must fill .items

1st Variable for Single Item:
Fill blank for default, {item: {...}} then you must fill .item

3. Then go to Backend Tools -> (IMAB) JSON Editor or (IMAB) JSON Raw Editor for edit your json files.

Tips: Do not use the numbers at the beginning of the variable or the name of the application.

Backend Tools -> (IMAB) JSON Raw Editor (Offline Data)

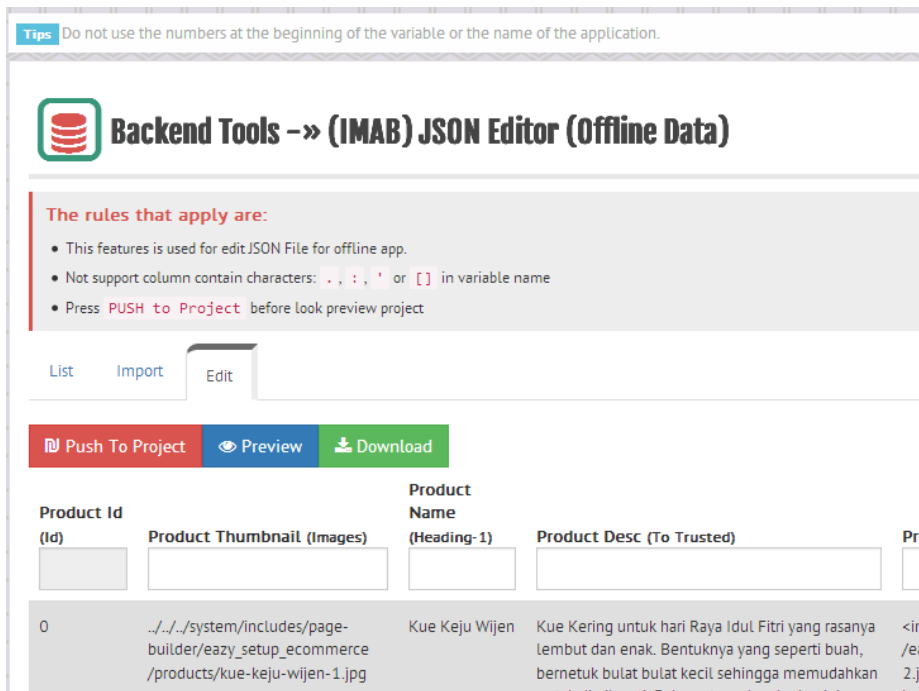
The rules that apply are:

- This features is used for edit JSON File for offline app.
- For get example JSON Format go to (IMAB) Tables Menu, in **Sample Data** section checked **Generate JSON Files**. Do not forget for
- JSON array can contain **multiple objects**, Example: `[{id:1,name:...},{id:2,name:...},{id:3,name:...}]`
- For import JSON from **PhpMyAdmin** -> **Export JSON**, you must checked fix enter, you can use **PHP SQL - RESTAPI Generator** for get SC

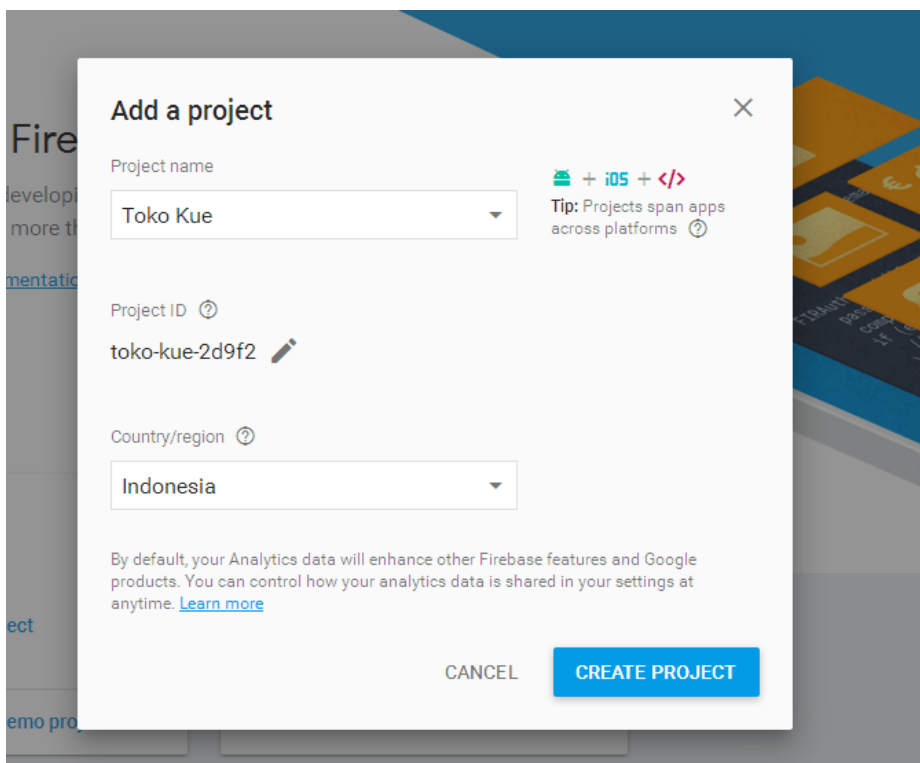
--| output/toko_kue/www/data/tables/product.json Edit

Fix Enter (checked for Import JSON file from PHPMyAdmin)

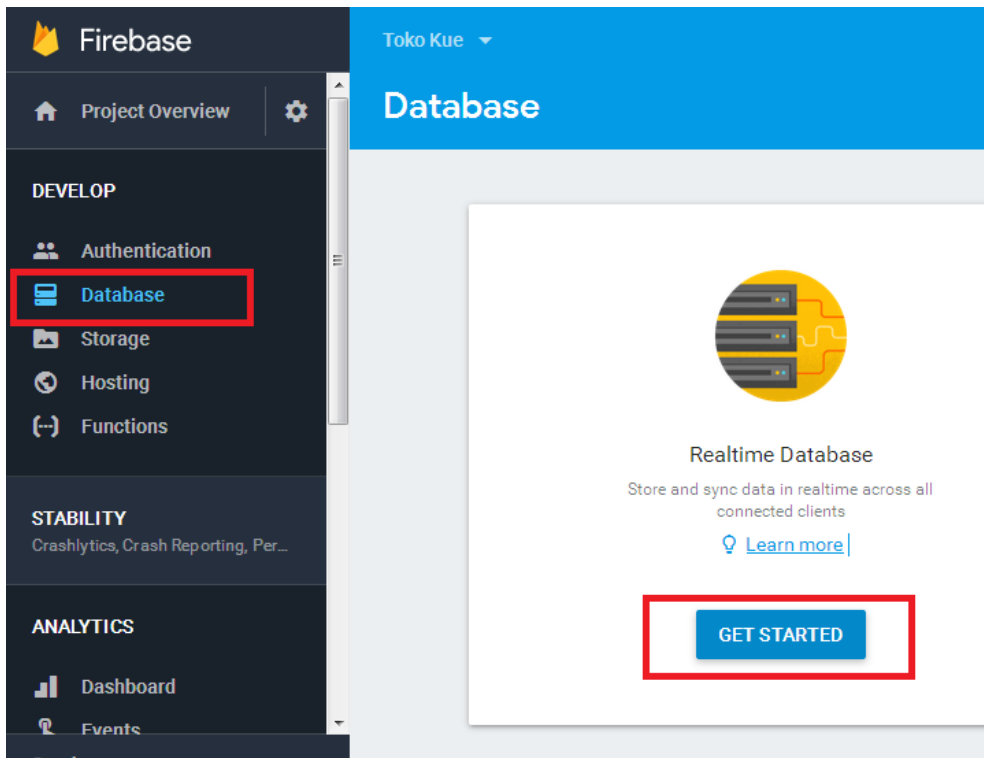
```
1 [
2   {
3     "product_id": 0,
4     "product_name": "Kue Keju Wijen",
```



4. Now, move local database to firebase database, Login to Your Firebase Console (<https://console.firebase.google.com/>), then Create a project

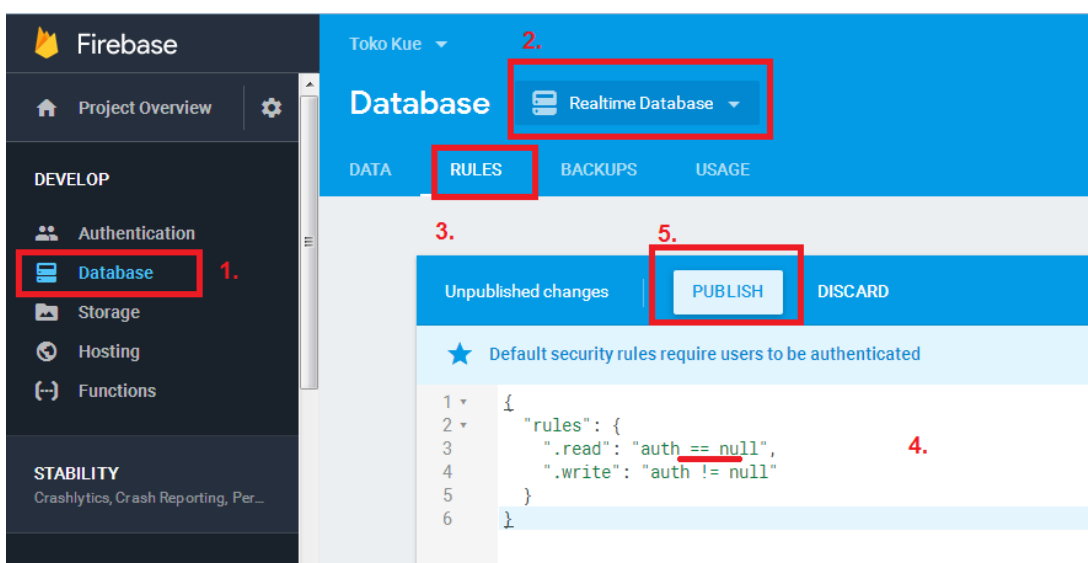


5. Go to DEVELOP -> Database -> Realtime Database (Get Started)



6. Then give access to readonly for avoid error Permission denied, click Rules Tabs, edit rules like this:

```
{
  "rules": {
    ".read": "auth == null",
    ".write": "auth != null"
  }
}
```



- Back to imabuilder, Go to Backend Tools -> (IMAB) Firebase -> **checked tables** and **update Firebase URL** according Firebase Console

General

Item has been successfully save!

The rules that apply are:

- When making changes in **tables**, **forms** and **this settings**, you must replace the code that has been uploaded as
- Checked the tables** that you want to display on the JSON Files.
- Update URL List Item** button only for default table, for table with **dynamic 1st param** or **relation** that you :

1. **1.** **1.**

https://toko-kue-2d9f2.firebaseio.com/

Your firebase link

2.	Table Name	URL List Item
<input checked="" type="checkbox"/>	product	https://toko-kue-2d9f2.firebaseio.com//product.json?product_id=-1

Save Setting **3.** Reset

- Go to Firebase Console again, then go to **DEVELOP** -> **Database** -> **Realtime Database** -> **Data Tabs** -> Icon more vertical -> **Import JSON** (get json for firebase below)

1. Database **2.** Realtime Database

3. DATA RULES BACKUPS USAGE

https://toko-kue-2d9f2.firebaseio.com/

toko-kue-2d9f2: null

4.

Export JSON

5. Import JSON

Show legend

Create new database
Available with an upgrade to the Blaze plan

- Last step, please update the link on URL List Item and URL Single Item on your (IMAB) Tables.

Firestore URL

https://toko-kue-2d9f2.firebaseio.com/

Your firebase link

Table Name	URL List Item	(IMAB) Tables
<input checked="" type="checkbox"/> product	https://toko-kue-2d9f2.firebaseio.com//product.json?product_id=-1	Update URL Check URL

Save Setting Reset