

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 saved!

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, {item:
[{:},{:},{:}]} 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.

List Import

Tables	Available	Download	ACTION
CHAPTER	1. Create		2.
CONTENT	Available	JSON CSV CSV (MS Excel)	Edit Push To Project Delete
SUBCHAPTER	Available	JSON CSV CSV (MS Excel)	Edit Push To Project Delete

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

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

The rules that apply are:

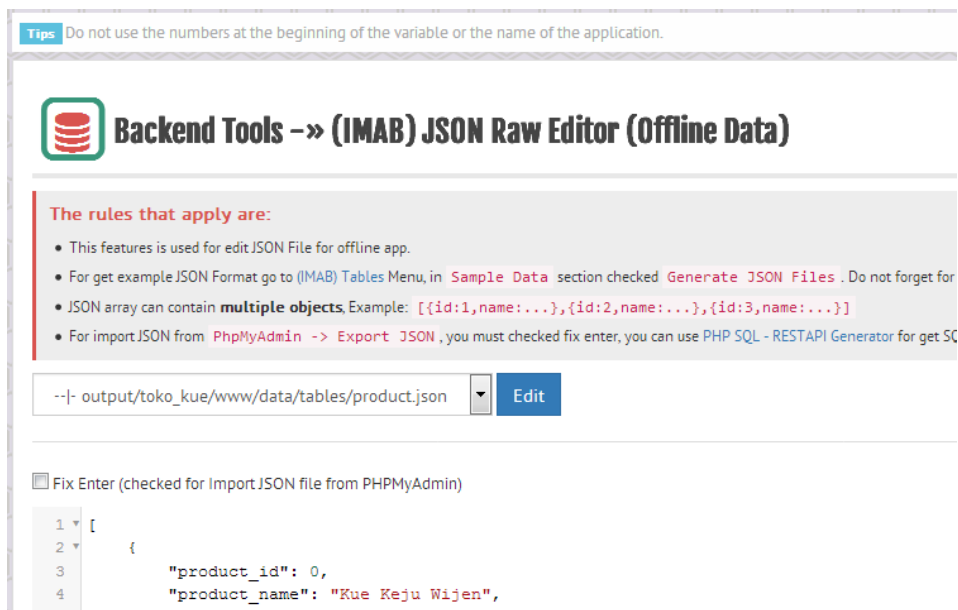
- This features is used for edit JSON File for offline app.
- Not support column contain characters: . , : ' ' or [] in variable name
- Press **PUSH to Project** before look preview project

List Import Edit

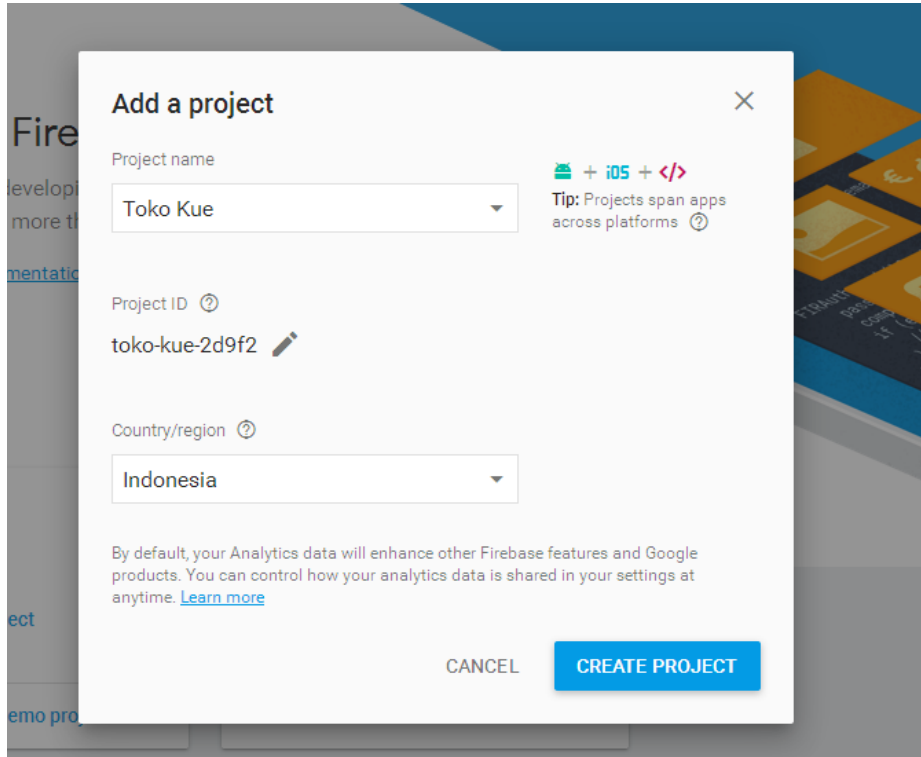
Push To Project Preview Download

Product Id (Id)	Product Thumbnail (Images)	Product Name (Heading-1)	Product Desc (To Trusted)	Pr
0	../../../../system/includes/page-builder/eazy_setup_ecommerce/products/kue-keju-wijen-1.jpg	Kue Keju Wijen	Kue Kering untuk hari Raya Idul Fitri yang rasanya lembut dan enak. Bentuknya yang seperti buah, bernetuk bulat bulat kecil sehingga memudahkan	<im /ea 2.jp

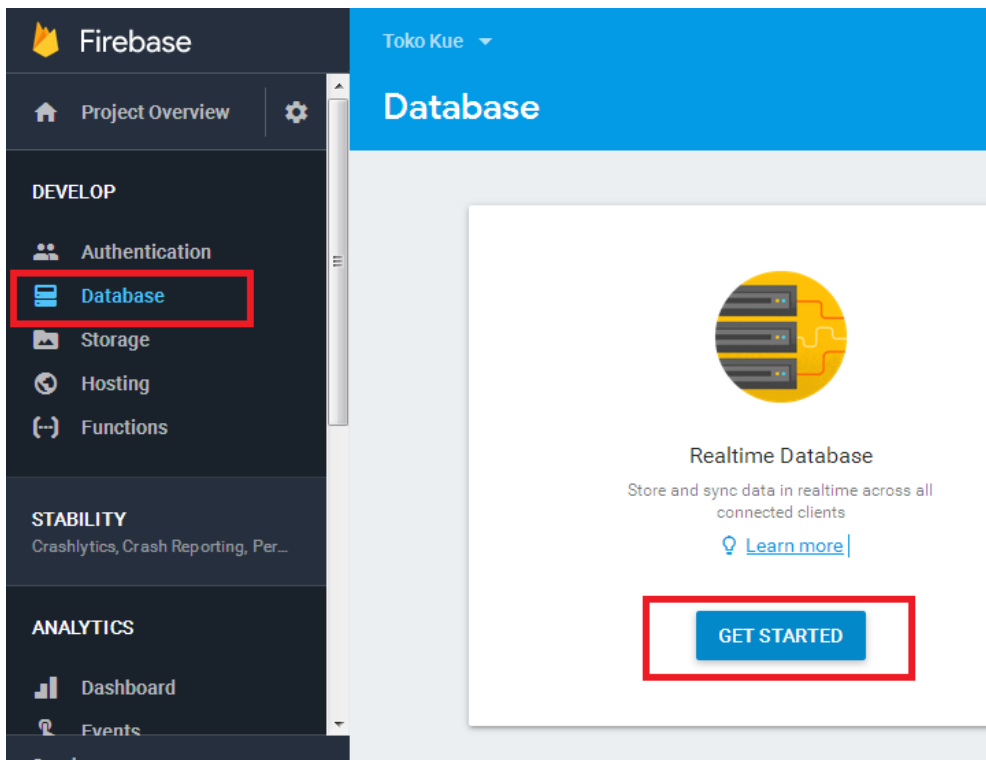
For expert user, recommended using JSON RAW Editor



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

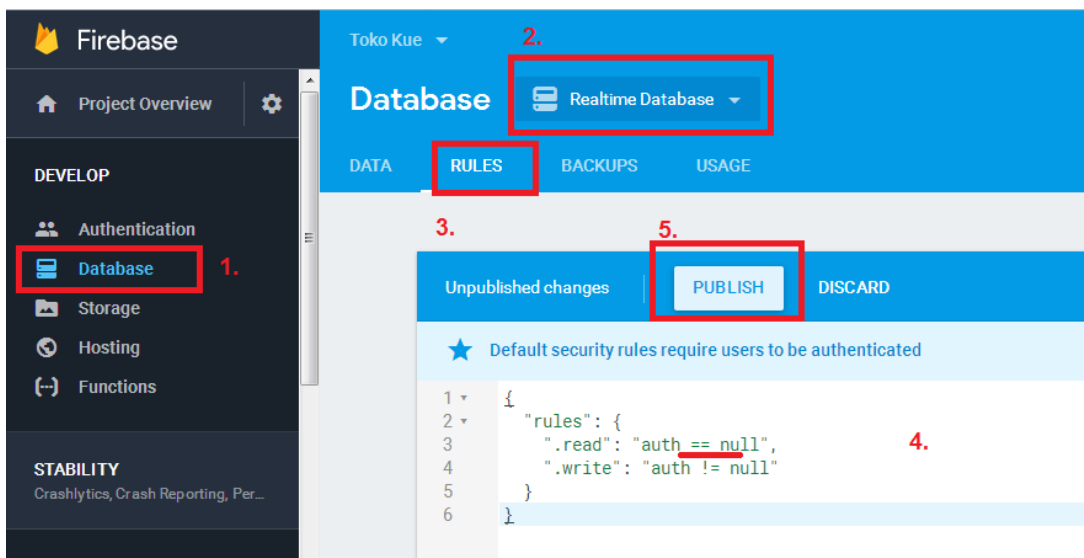


5. Go to DEVELOP -> Database -> Realtime Database (Get Started)



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"
  }
}
```



7. 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. **Firestore URL**
 https://toko-kue-2d9f2.firebaseio.com/
 Your firebase link

2. **Table Name** **URL List Item**

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

3. Save Setting Reset

Database Realtime Database

DATA RULES BACKUPS USAGE

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

toko-kue-2d9f2: null + x

Then Go to **How to Use Tab**, click download **JSON for Firebase (Zip File)**, then unzip it files.

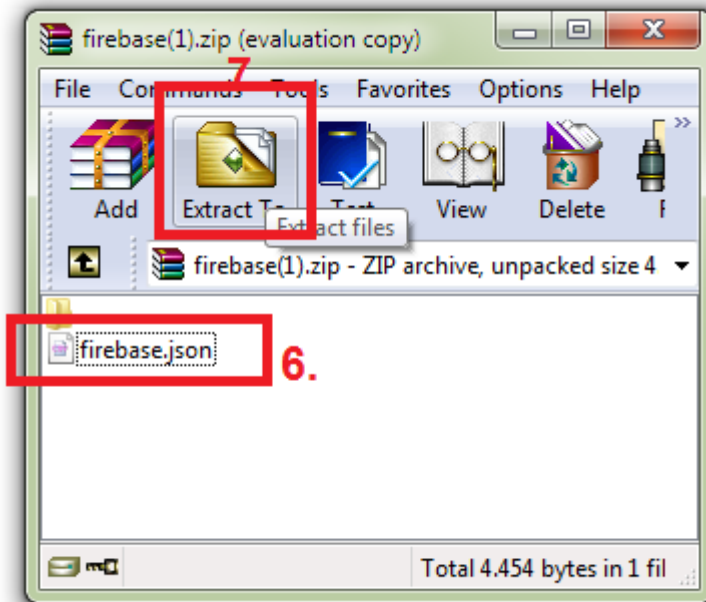
Code Generator **How To Use?** **4.**

Help

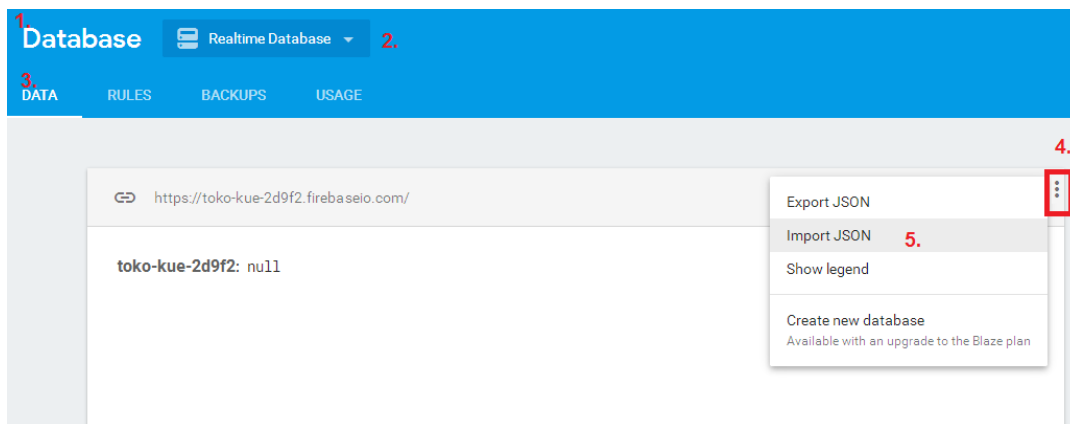
- Go to (IMAB) Tables, then create a table with option **Source JSON = offline** (Offline App)
- Then go to Backend Tools -> (IMAB) JSON Editor or (IMAB) JSON Raw Editor for edit your json files.
- Login to Your Firebase Console, then Create a project
- Go to **DEVELOP** -> **Database** -> **Realtime Database**
- 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) **Firestore** -> **checked tables** and update **Firestore URL**
- Go to Firebase Console again, then go to **DEVELOP** -> **Database** -> **Realtime Database** -> **Data** Tabs -> Icon M
- Last step, please update the link on **URL List Item** and **URL Single Item** on your (IMAB) Tables .

JSON for Firebase **JSON for Firebase (Zip File)** **5.**



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



- Last step, back to IMA BuilderZ, update the link on URL List Item and URL Single Item on your (IMAB) Tables.

