

**UNGUIDED**  
**PEMROGRAMAN PERANGKAT BERGERAK**

**MODUL XI**  
**FIREBASE NOTIFIKASI**



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**TUGAS PENDAHULUAN**

## 1. SOAL

Buatlah sebuah database beserta tabel di dalam Supabase untuk menyimpan data Biodata Buku pada perpustakaan digital sederhana. Data buku terdiri dari:

- Judul
- Penulis
- Tahun Terbit
- Genre

Data yang ditambahkan harus disimpan ke Supabase dan ditampilkan melalui terminal.

Alur Pengerjaan:

### A. Database

Buat database baru di Supabase lalu tambahkan tabel ‘perpustakaan’ yang memuat struktur berikut:

Kolom Tipe data Keterangan

id uuid PK

judul text –

penulis text –

tahun\_terbit integer –

genre text –

created\_at timestamp default:now()

	biodata_buku		+				
	Filter	Sort	Insert				
				RLS disabled Index Advisor Enable Realtime Role postgres			
	id int8	judul varchar	penulis varchar	tahun_terbit int8	genre varc...	created_at timestampz	+

The screenshot shows the Visual Studio Code (VS Code) interface with the following details:

- Editor Area:** Displays the `main.dart` file containing Dart code for a Flutter application. The code includes imports for `flutter/material.dart`, `package:unguided/connection.dart`, and `supabase_flutter`. It contains logic for initializing the Supabase connection and performing database operations like inserting and reading data from a `table`.
- Terminal:** Shows the command `flutter run` being run in the terminal, with output indicating the application is running on the `ios` platform.
- Output Panel:** Shows logs related to the `rununny` package, including stack traces for `dart-sdk/lib/async/future_impl.dart` and `dart-sdk/lib/async/_promise.dart`.
- Explorer:** Shows the project structure with files like `main.dart`, `connection.dart`, `pubspec.yaml`, and `main(2).dart`. It also lists platforms (`ios`, `linux`, `macos`, `test`, `web`, `windows`) and dependencies (`flutter-plugins-dependencies`, `gitignore`, `.metadata`, `analysis_options.yaml`, `pubspec.lock`, `pubspec.yaml`, `README.md`, `unguided`).
- Bottom Status Bar:** Provides information about the current file (`main.dart`), line (`Ln 22, Col 30`), and character count (`Spaces: 2`), along with other status indicators like `UTF-8`, `CR/LF`, and `Dart`.