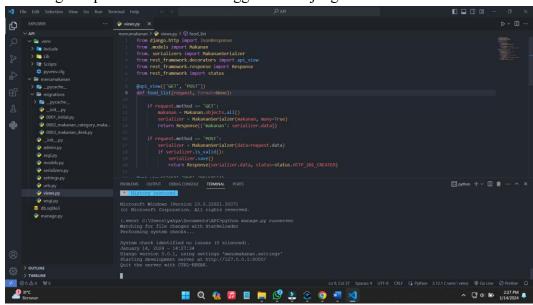
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TUGAS PEMROGRAMAN MOBILE

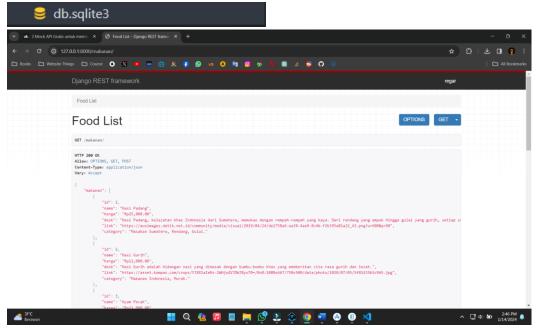
1. Webservice, Database dan Table

- a. Webservice yang digunakan (Fake atau bangun sendiri):
 - Bangun ApiService sendiri menggunakan Django Rest Framework



 $b. \quad Database\ menggunakan\ (MySQL/SQLite):$

SQLite



c. Nama table pada database (menumakanan)

'menumakanan',

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2. Isi dari file pada folder lib

a. api_service.dart



api_koneksi.dart

b. model makanan.dart



model_makanan.dart

```
class ModelMakanan{
  int? id;
  String? nama;
  String? harga;
  String? description;
  String? link;
  String? category;

  ModelMakanan({required this.id, required this.nama, required this.description, required this.harga, required this.link, required this.category });
  ModelMakanan.fromJson(Map<String, dynamic> json){
   id = json['id'];
   nama = json['name'];
   harga = json['harga'];
   description = json['desk'];
   link = json['link'];
   category = json['category'];
  }
}
```

c. respon data.dart

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respon_data.dart

```
import 'package:tugas_pencarian/Model/model_makanan.dart';

class ResponseMakanan {
   List<ModelMakanan> listMakanan = [];

   ResponseMakanan.fromJson(List<dynamic> json) {
      listMakanan = json.map((item) => ModelMakanan.fromJson(item)).toList();
   }
}
```

d. search_page.dart



search_page.dart

```
State<SearchPage> createState() => SearchPageState();
final apiService = ApiService();
 List<ModelMakanan> allMakanan = [];
List<ModelMakanan> searchResults = [];
```

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```
void updateList(String query) {
     List<String> keywords = query.toLowerCase().split(' ');
        return keywords.every((keyword) =>
  return Scaffold(
   backgroundColor: Color(0xFF43766C),
   appBar: AppBar(
     backgroundColor: Color(0xFF43766C),
        fetchData();
      padding: EdgeInsets.all(16),
      child: Column(
        mainAxisAlignment: MainAxisAlignment.start,
        crossAxisAlignment: CrossAxisAlignment.start,
        children: [
          SizedBox (height: 20),
          TextField(
            style: TextStyle(color: Color(0xFFF8FAE5)),
                border: OutlineInputBorder(
```

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```
child: FutureBuilder(
                  builder:
                      return Center(
                        child: CircularProgressIndicator(),
                      return Center(
                        child: Text(snapshot.error.toString()),
                      return ListView.builder(
                          itemBuilder: (context, index) => ListTile(
                            contentPadding: EdgeInsets.all(8.0),
                                  searchResults[index].nama.toString(),
                                  style: TextStyle(color: Colors.white60),
                                leading: Container(
                                  child: Container(
                                    decoration: BoxDecoration(
BorderRadius.circular(8.0),
                                        BoxShadow (
                                    child: ClipRRect(
                                      child: Image.network(
```

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e. detail_page.dart



detail_page.dart

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```
children: [
                  SizedBox (height: 16),
                  Text(
                      style: TextStyle(fontSize: 18, fontWeight:
                  SizedBox (height: 8),
                    style: TextStyle(fontSize: 18, fontWeight:
FontWeight.bold, color: Colors.white60),
                  SizedBox (height: 8),
                    style: TextStyle(fontSize: 18, fontWeight:
                  SizedBox (height: 8),
                  Container (
                    decoration: BoxDecoration(
                      borderRadius: BorderRadius.circular(8.0),
                        BoxShadow (
                    child: ClipRRect(
                      borderRadius: BorderRadius.circular(8.0),
                      child: Image.network(
                        fit: BoxFit.cover,
                    style: TextStyle(fontSize: 18, color:
```

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3. Ouput dari aplikasi

a. Gambar 1



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b. Gambar 2





c. Gambar 3





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4. Link channel Youtube berisi penjelasan dan penggunaan aplikasi

Link: https://youtu.be/BG8wS2bScZY

Catatan:

- Mohon masing-masing mahasiswa/i mengikuti template ini.
- Jika anda tidak mengikuti format template ini, maka akan menyulitkan proses penilaian dan akan mengurangi penilaian anda.