

# Connect Laravel API to Flutter Mobile App in 10 Minutes Using Sample Project

In this comprehensive guide, you will embark on a step-by-step journey to seamlessly connect your Laravel backend API to a Flutter mobile application. Through a meticulously crafted sample project, you will gain a profound understanding of the underlying principles and practical implementation involved in this integration.

To follow along with this guide effectively, ensure you have the following prerequisites in place:

- A basic understanding of Laravel and Flutter
  - A Laravel application with a working API
  - A Flutter mobile application project
  - A text editor or IDE (Integrated Development Environment)
1. **Install the HTTP package in Flutter:** Open the pubspec.yaml file of your Flutter project and add the following dependency:

dependencies: http: ^0.13.4



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★★★★★ 5 out of 5  
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2. **Create a service for API requests:** In your Flutter project, create a new file named `api_service.dart`. This file will contain the methods for making HTTP requests to your Laravel API.
3. **Implement the API request method:** Within the `api_service.dart` file, implement the `getPosts()` method to fetch posts from your Laravel API:

```
import 'dart:convert'; import 'package:http/http.dart' as http;
```

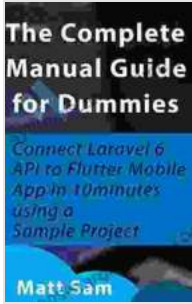
```
class ApiService { final String baseUrl = 'http://localhost:8000/api/posts';
```

```
Future<List> getPosts() async { final response = await  
http.get(Uri.parse(baseUrl));
```

```
  if (response.statusCode == 200){return jsonDecode(response.body) as
```

```
  }}
```

```
4. **Consume the API in your Flutter UI:** In your Flutter UI, impor
```



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