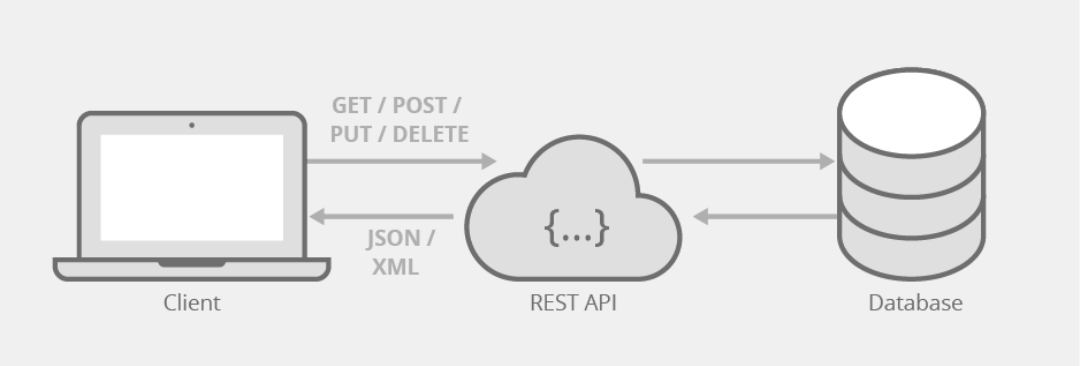
Flutter

Day 10

1. Testing API endpoints with Postman
2. Ensure Internet Permission in Manifest
3. Make GET and POST Requests
4. Restructure using MVC approach

API requests

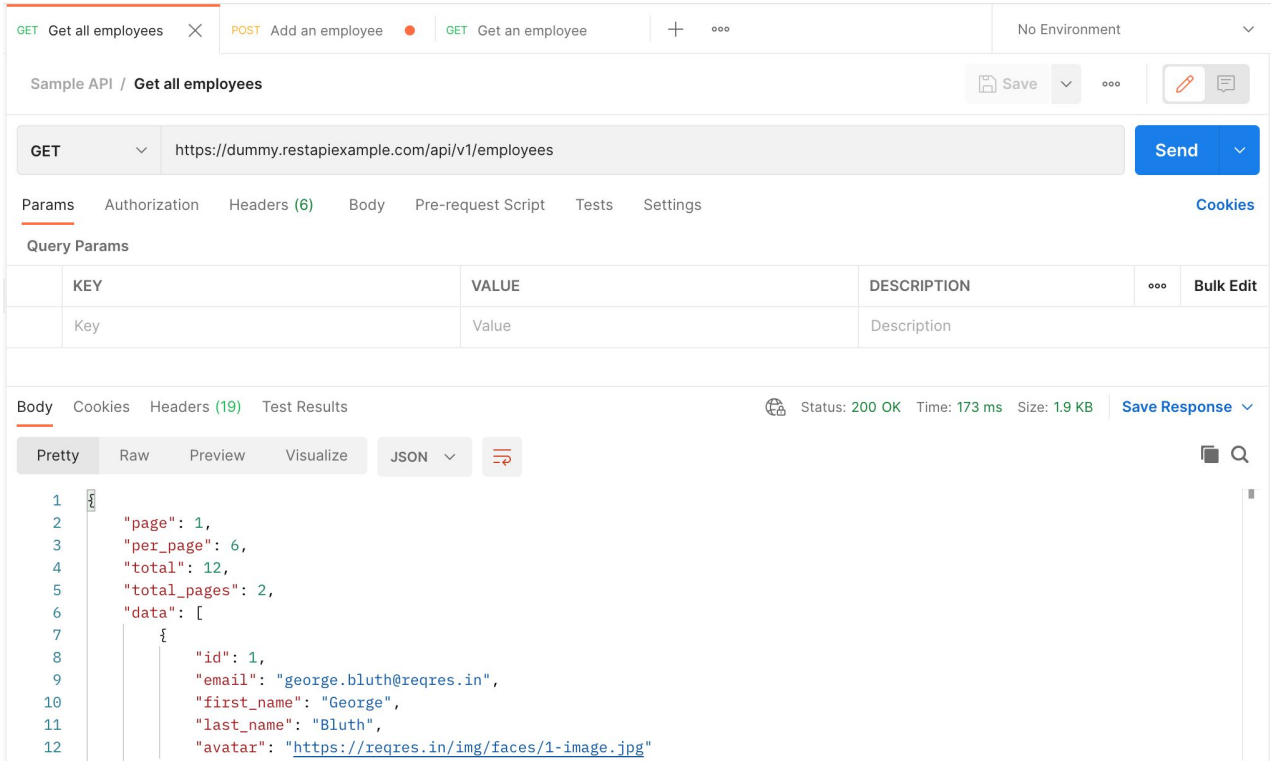


- GET Request to fetch data
- POST request to send data (specify params)
- UPDATE for updation and DELETE for deletion

API endpoints

- Find a sample API
- Setup API as Postman Collection
- Make GET and POST requests

Postman Collections



Restructure using MVC approach

- Create Model class for Entity (Employee)
- Add JSON encode and decode methods
- Add Controller class for API functions
- FutureBuilder widget to render data on screens

Implementation

GET and POST API requests

- Model (Employee class)
- Controller (API functions)
- Render data using FutureBuilder

Assignment

- Test API with Postman
- Implement **GET and POST Requests** and render data using FutureBuilder

Reference Links

- **Generate Dart class from JSON**
  https://javiercbk.github.io/json_to_dart/
- **Sample APIs for testing**
  https://reqres.in
  https://jsonplaceholder.typicode.com