

Go Programming Microservice Into The Specialization

Sesi 4 : Project





Project

REST API Item Book With GORM

Buatlah Simple Rest API menggunakan **GORM** dan PostgreSQL dengan method sebagai berikut :

1. Get All Book
2. Get Book By ID
3. Create Book
4. Update Book
5. Delete Book

Pastikan Rest API yang di kerjakan juga di test di Postman agar dapat mengetahui request dan responsenya.

Project ini akan menjadi tugas yang di persentasikan pada sesi 5 - showcase.

Request and Response

Method Get :

Request:

- Method: GET
- URL: <http://localhost:8080/books/1>

Response:

```
{  
  "id": 1,  
  "name_book": "The Great Gatsby",  
  "author": "F. Scott Fitzgerald",  
  "created_at": "2023-02-15T13:21:27.264294Z",  
  "updated_at": "2023-02-15T13:21:27.264294Z"  
}
```

Request and Response

Method Create :

Request:

- Method: POST
- URL: <http://localhost:8080/books>

```
{  
  "name_book": "The Great Gatsby",  
  "author": "F. Scott Fitzgerald"  
}
```

Response:

```
{  
  "id": 1,  
  "name_book": "The Great Gatsby",  
  "author": "F. Scott Fitzgerald",  
  "created_at": "2023-02-15T13:21:27.264294Z",  
  "updated_at": "2023-02-15T13:21:27.264294Z"  
}
```

Request and Response

Method Update :

Request:

- Method: PUT
- URL: <http://localhost:8080/books/1>

```
{  
  "name_book": "The Catcher in the Rye",  
  "author": "J.D. Salinger"  
}
```

Response:

```
{  
  "id": 1,  
  "name_book": "The Catcher in the Rye",  
  "author": "J.D. Salinger",  
  "created_at": "2023-02-15T13:21:27.264294Z",  
  "updated_at": "2023-02-15T13:26:50.603514Z"  
}
```

Request and Response

Method Delete :

Request:

- Method: DELETE
- URL: <http://localhost:8080/books/1>

Response:

```
{  
  "message": "Book deleted successfully"  
}
```