Dokumentasi Test Fullstack Developer untuk Back End Developer

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Requirements:

1. Sebuah script create table product, (Mandatory)

```sql
CREATE TABLE products (
    ProductCode     VARCHAR(255),
    ProductName     VARCHAR(255),
    SubCategory     VARCHAR(255),
    Brand           VARCHAR(255),
    RetailPrice     INT,
    ProductStatus   VARCHAR(255)
);
```

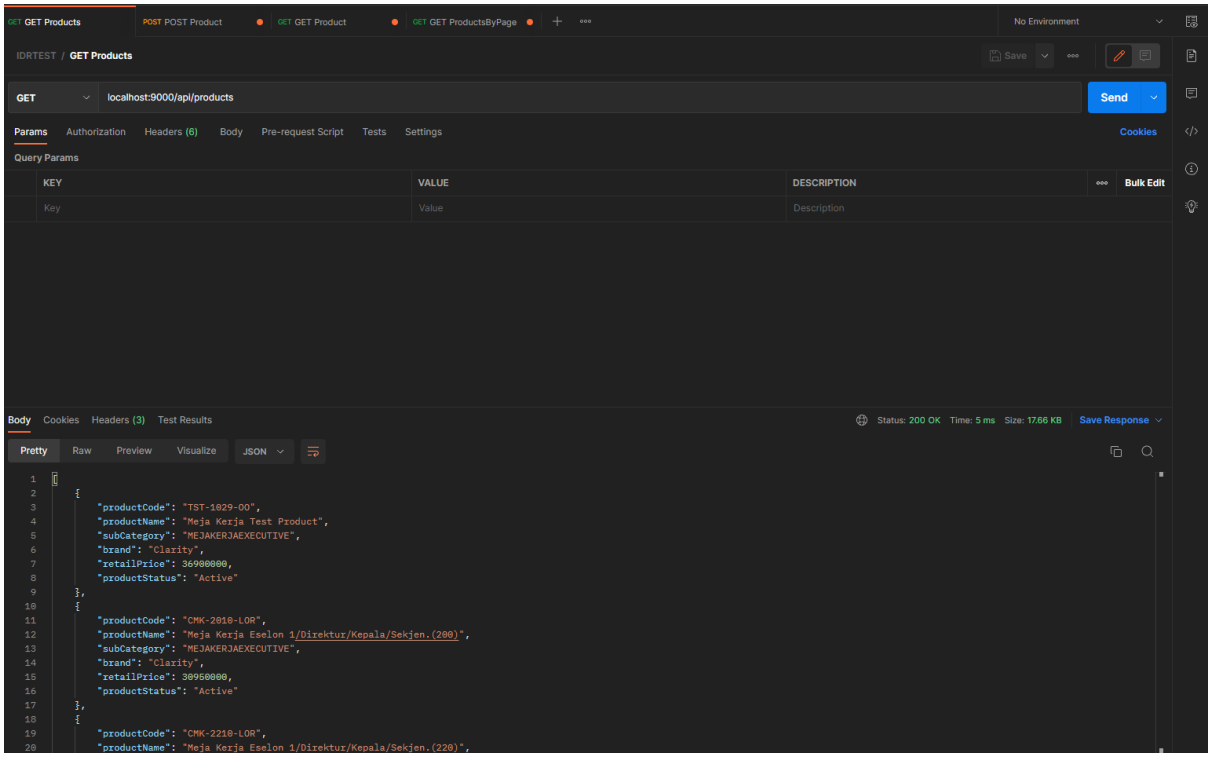
2. Sebuat script/stored procedure untuk populate table dengan data random secara otomatis (Mandatory)

```sql
DELIMITER //

CREATE PROCEDURE insertProducts(IN pproductcode VARCHAR(255), IN pproductname VARCHAR(255), IN psubcategory VARCHAR(255), IN pbrand VARCHAR(255), IN RetailPrice INT, IN pproductstatus VARCHAR(255))

BEGIN
    INSERT INTO products(ProductCode, ProductName, SubCategory, Brand, RetailPrice, ProductStatus)
    VALUES(pproductcode, pproductname, psubcategory, pbrand, pretailprice, pproductstatus);
END //

DELIMITER ;
```

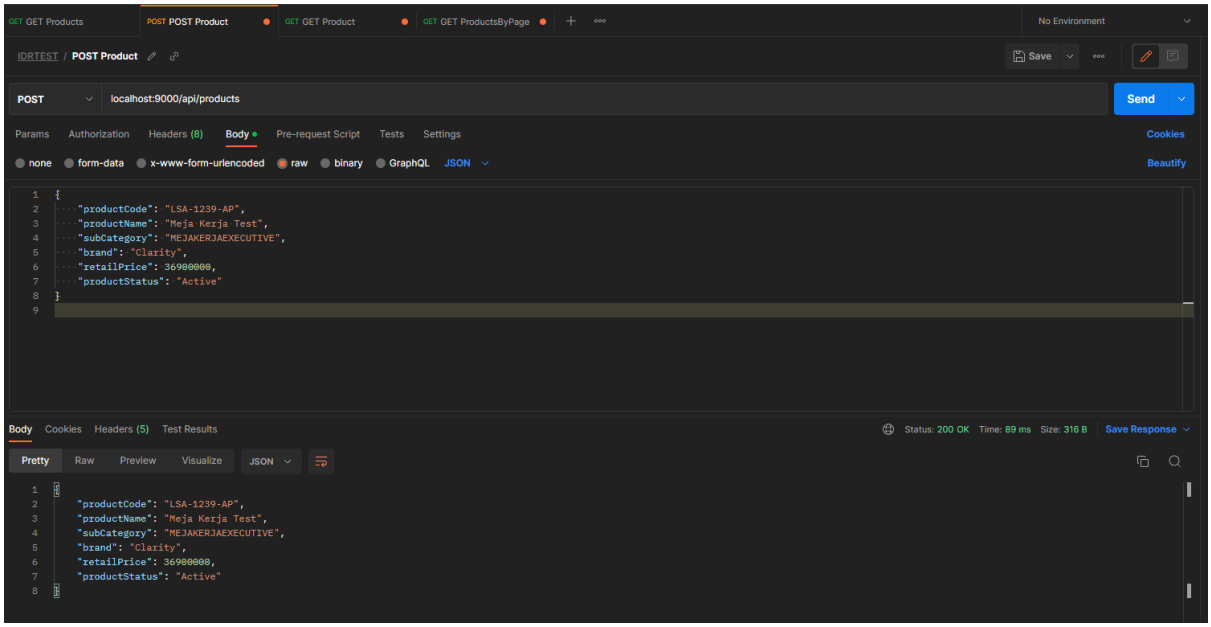
3. Service backend untuk load data dari table dengan fitur pagination (Mandatory)

   File project lampiran golang

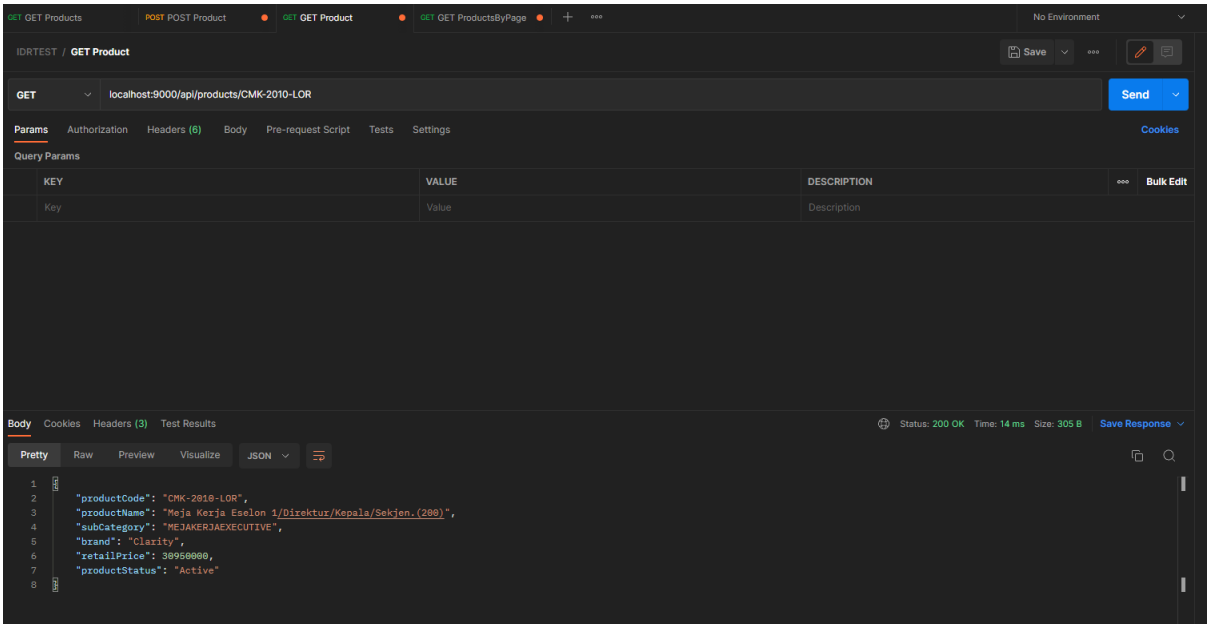
4. Dokumentasi endpoint dengan contoh body request dan responsenya (Mandatory)



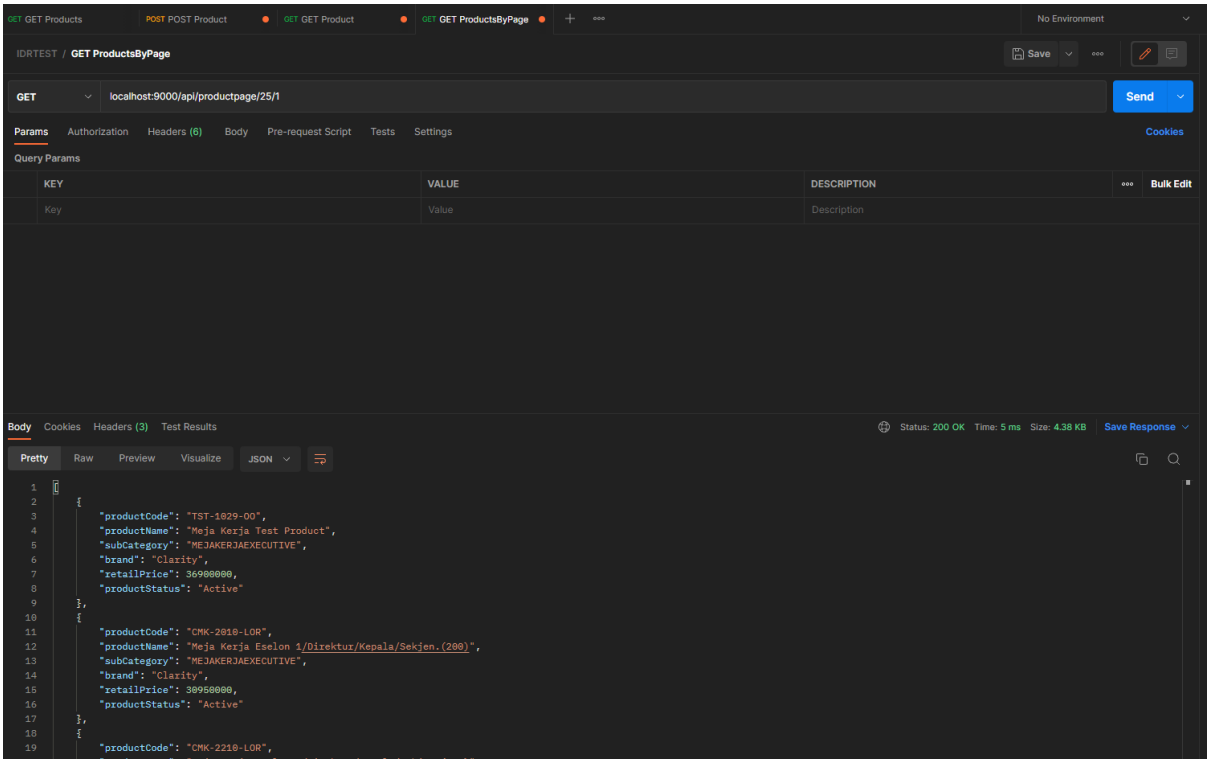
Endpoint GET All Products
Untuk menampilkan semua data dalam database



Endpoint POST Product
Untuk post sebuah data ke dalam database

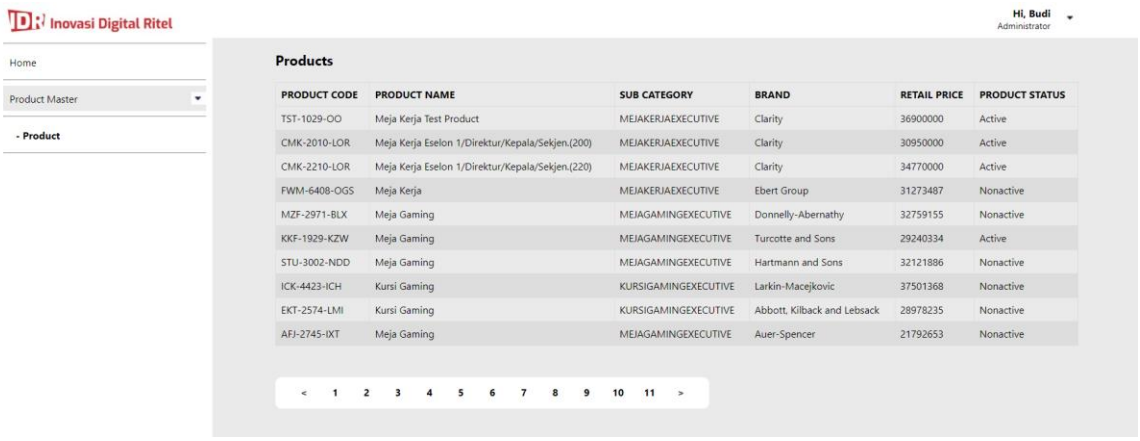


Endpoint GET Product By Code
Untuk mendapatkan sebuah produk yang difilter dengan Product Code

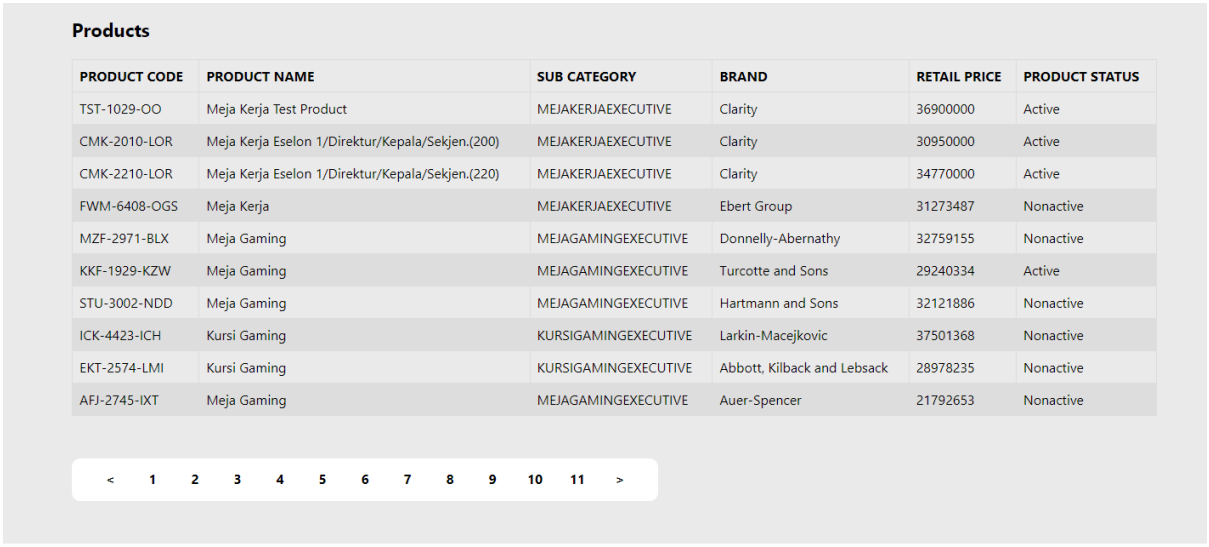


Endpoint GET Produk Pagination dengan parameter.
(localhost:9000/api/productpage/'jumlah data per halaman'/'index halaman')

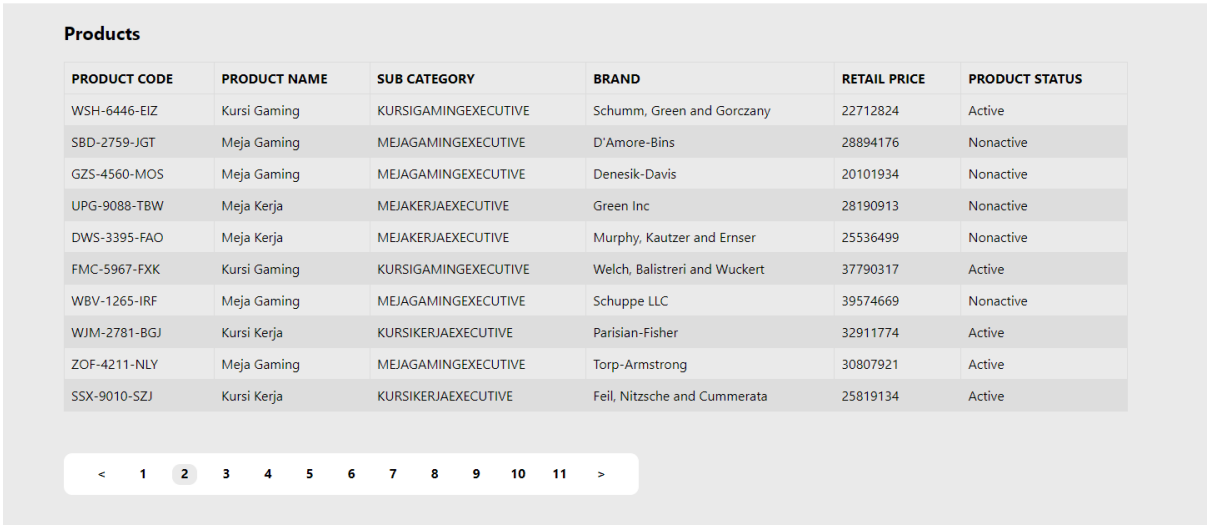
5. Front end UI listing data dengan fitur pagination sesuai mockup (Optional)



6. Menampilkan data secara efisien pada UI sesuai mockup (Optional)

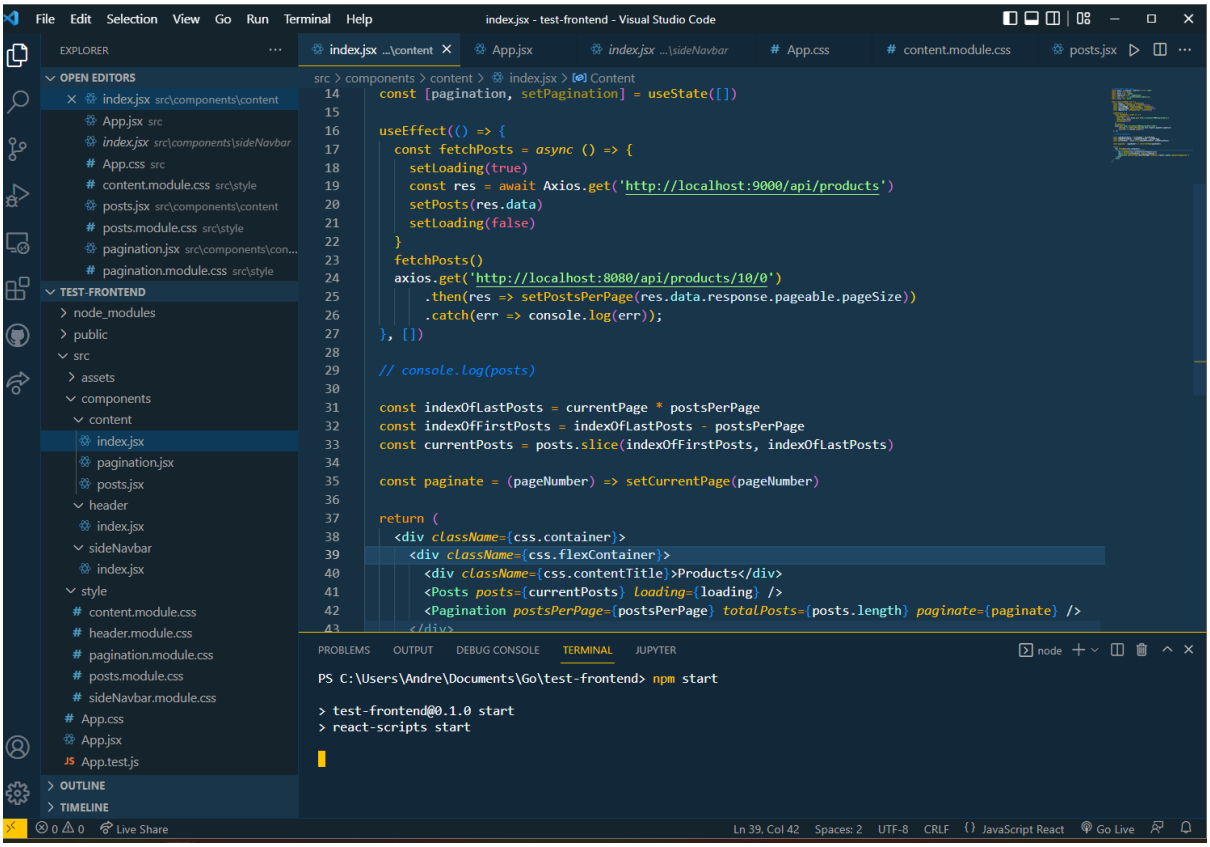


Page 1

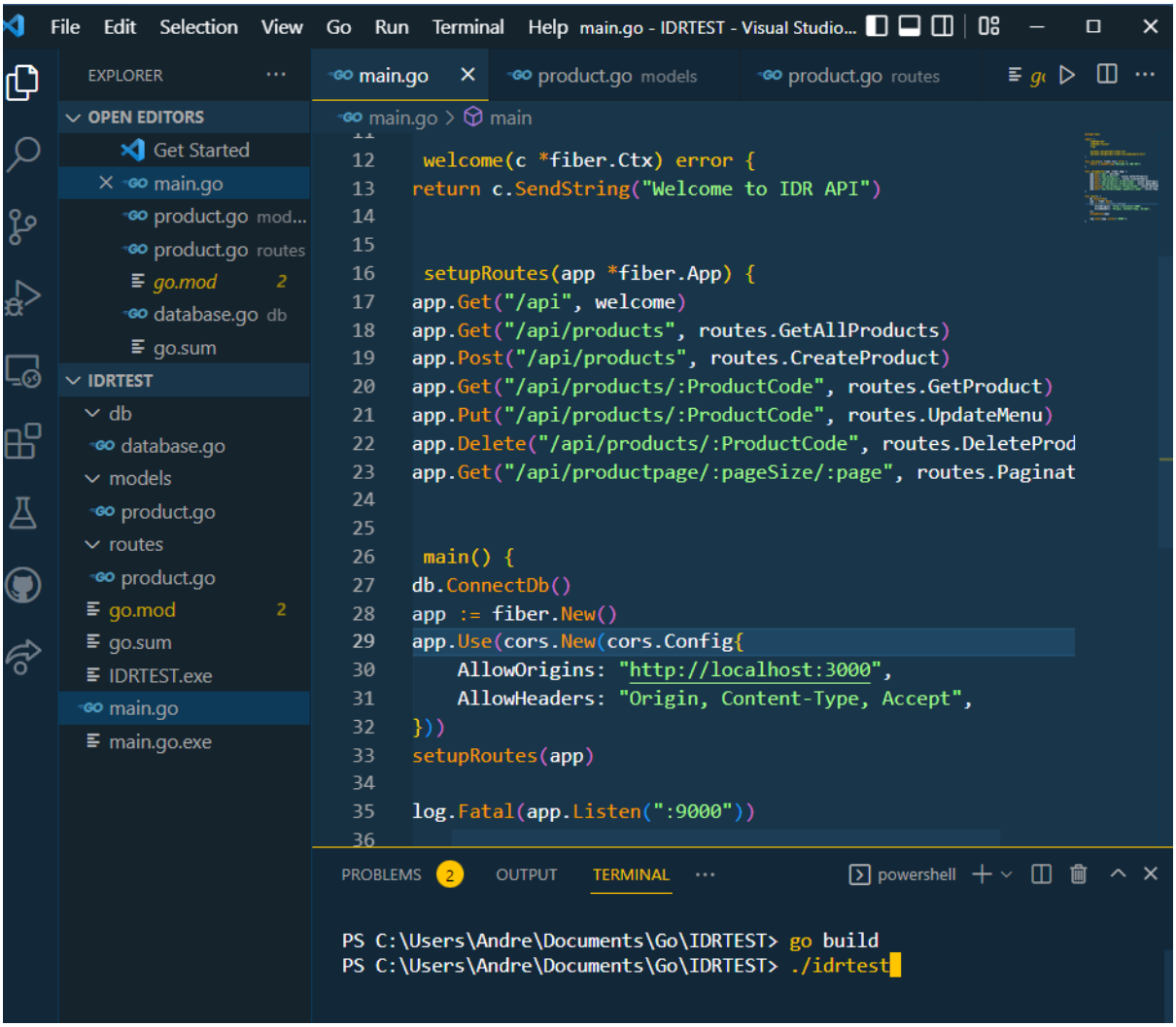


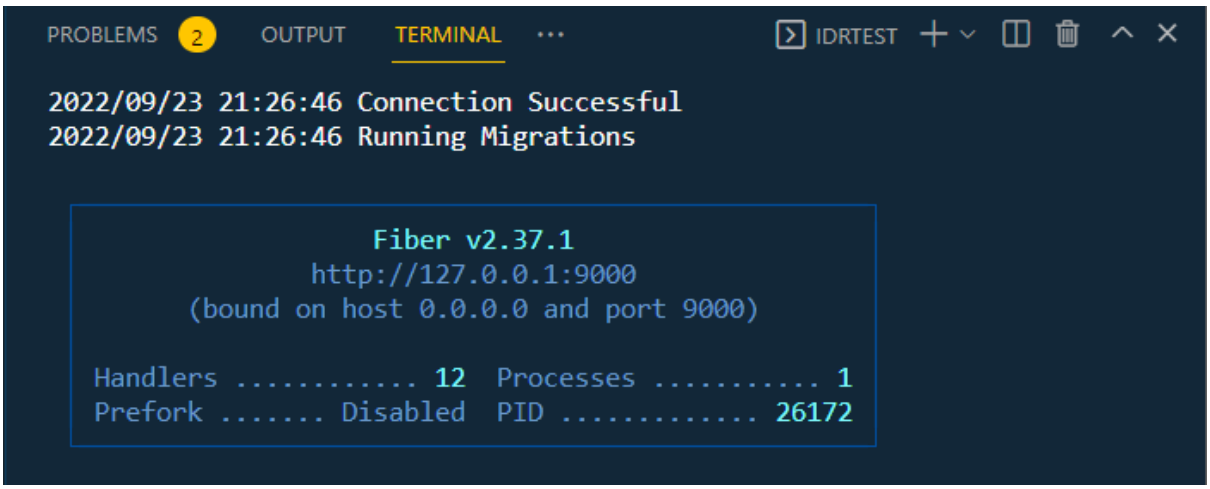
Page 2
Dan seterusnya

7. Dokumentasi untuk setup dan running semua project diatas. (Optional)



Running ReactJS





Running Go Lang Server

Project dibuat dengan:
Backend : Golang, dengan framework fiber dan ORM GORM.
Frontend : dibuat dengan ReactJS