

**LAPORAN
CASHIER APP**



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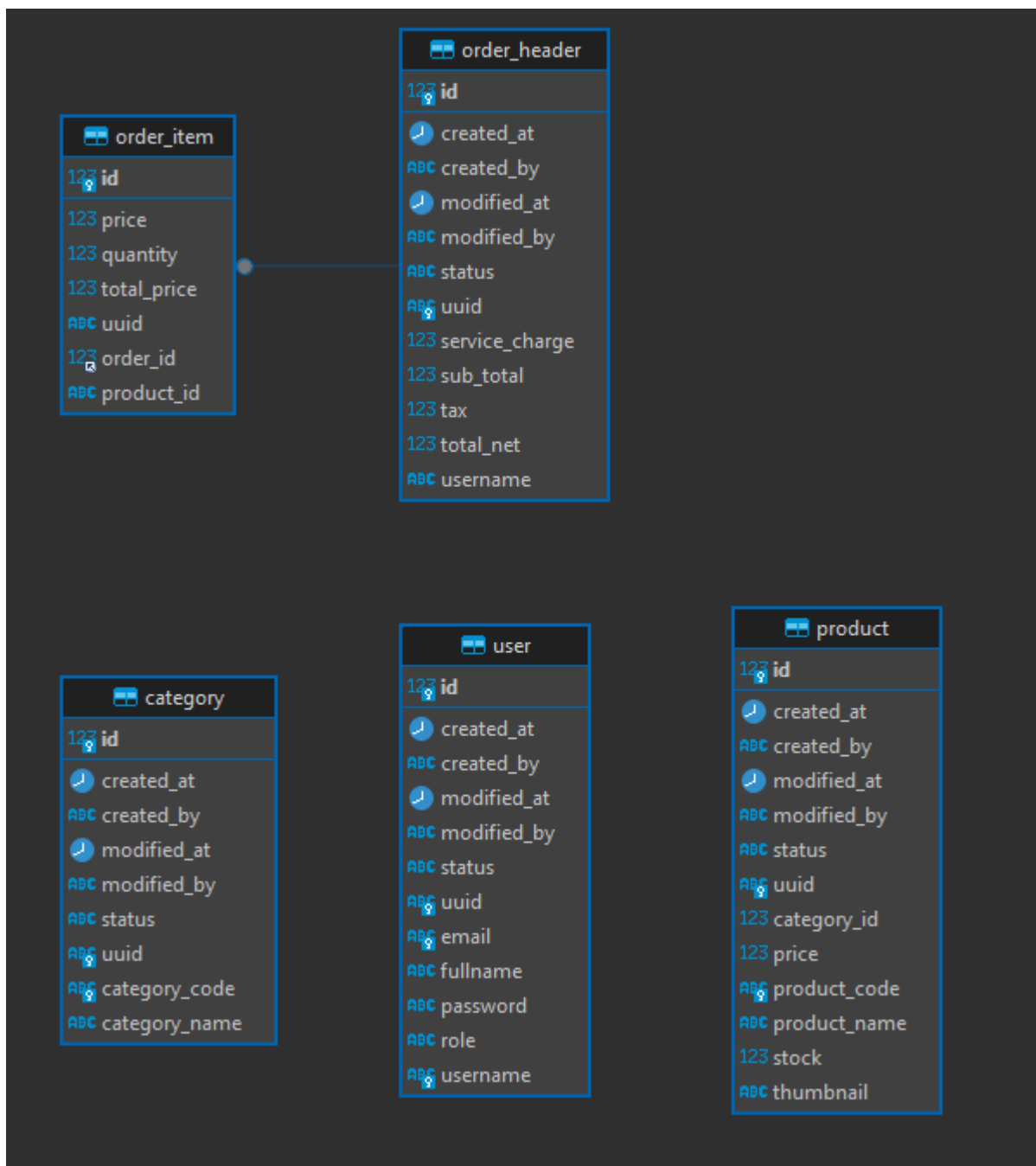
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1. Penjelasan

Cashier App adalah sebuah aplikasi kasir yang dirancang untuk memudahkan proses transaksi di sebuah toko atau bisnis. Aplikasi ini memiliki dua peran pengguna utama: admin dan kasir. Peran kasir memungkinkan pengguna untuk melakukan transaksi penjualan dengan efisien, mencatat pembelian pelanggan, dan menghasilkan struk pembayaran. Di sisi lain, peran admin memberikan akses lebih lanjut dengan kemampuan untuk mengelola berbagai aspek penting dalam bisnis, seperti kategori produk untuk mengatur inventaris, menambah atau menghapus produk, mengelola data pengguna, serta menghasilkan dan menganalisis laporan pembelian untuk pemantauan dan perencanaan bisnis yang lebih baik.


Dengan adanya Cashier App, bisnis dapat meningkatkan efisiensi operasionalnya, mengurangi kesalahan dalam pencatatan transaksi, dan memberikan pengalaman berbelanja yang lebih baik bagi pelanggan. Aplikasi ini tidak hanya memfasilitasi proses harian di toko, tetapi juga membantu dalam pengelolaan dan pengembangan bisnis secara keseluruhan.

2. Entity Relational Diagram



Gambar 1. Entity Relational Diagram

3. Swagger

Authorize 

category-controller


Category Controller

▼

GET

/category


getCategory



POST

/category


saveCategory



GET

/category/{uuid}


getCategoryByUUID



PUT

/category/{uuid}


updateCategory



DELETE

/category/{uuid}

deleteCategoryByUUID



order-controller


Order Controller

▼

GET

/order


getOrder



POST

/order


saveOrder



PUT

/order


updateOrder



GET

/order/{uuid}


getOrderByUUID



DELETE

/order/{uuid}

deleteOrderByUUID



product-controller


Product Controller

▼

GET

/product


getProduct



POST

/product


saveProduct



GET

/product/{uuid}


getProductByUUID



PUT

/product/{uuid}


updateProduct



DELETE

/product/{uuid}


deleteProductByUUID



GET

/product/download/{fileName}

downloadFile



user-controller


User Controller

▼

GET

/user


getUser



GET

/user/{uuid}


getUserByUUID



PUT

/user/{uuid}


updateUser



DELETE

/user/{uuid}


deleteUser



POST

/user/login


userLogin



POST

/user/register

userRegister



Gambar 2. Swagger - API Documentation - Controller

Models

```
BaseResponse ▾ {
  additionalEntity    > {...}
  data                > {...}
  messages            string
  success             boolean
}
```

```
CategoryInsertRequest ▾ {
  category_code      string
  category_name      string
  status             string
}
```

```
CategoryUpdateRequest ▾ {
  category_code      string
  category_name      string
  status             string
}
```

```
InputStream >
```

```
OrderInsertRequest ▾ {
  item              > [...]
  service_charge    number($double)
  sub_total         number($double)
  tax               number($double)
  total_net         number($double)
  username          string
}
```

```
OrderItemRequest ▾ {
  price             number($double)
  product_code      string
  quantity          integer($int32)
  total_price       number($double)
}
```

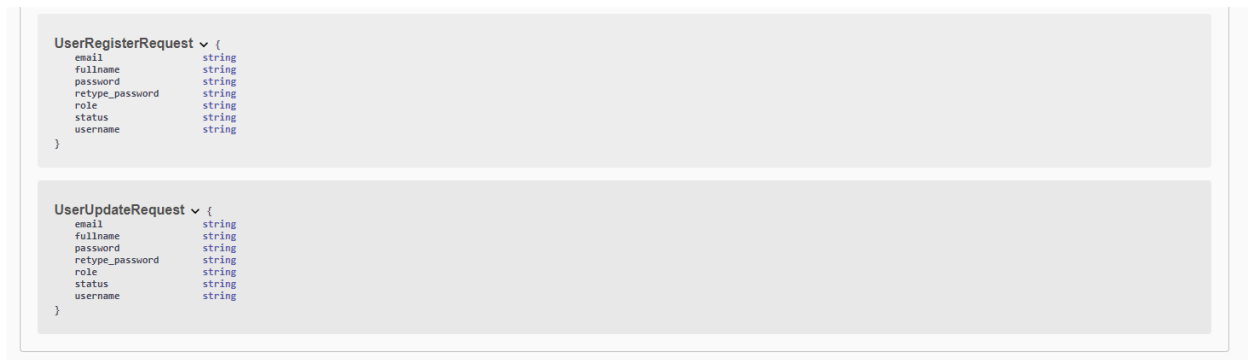
```
OrderUpdateRequest ▾ {
  product_code      string
  quantity          integer($int32)
  status            string
  total_price       number($double)
  username          string
  uuid             string
}
```

```
ProductInsertRequest ▾ {
  category_id       integer($int32)
  price             number($double)
  product_code      string
  product_name      string
  status            string
  stock            integer($int32)
}
```

```
ProductUpdateRequest ▾ {
  category_id       integer($int32)
  price             number($double)
  product_code      string
  product_name      string
  status            string
  stock            integer($int32)
}
```

```
Resource ▾ {
  description        string
  file              file
  filename           string
  inputStream        InputStream > {...}
  open              boolean
  readable           boolean
  url               string($url)
  url               string($url)
}
```

```
UserLoginRequest ▾ {
  password           string
  username           string
}
```



Gambar 3. Swagger - API Documentation – Model

4. Login

Login

LOGIN

Username

Password

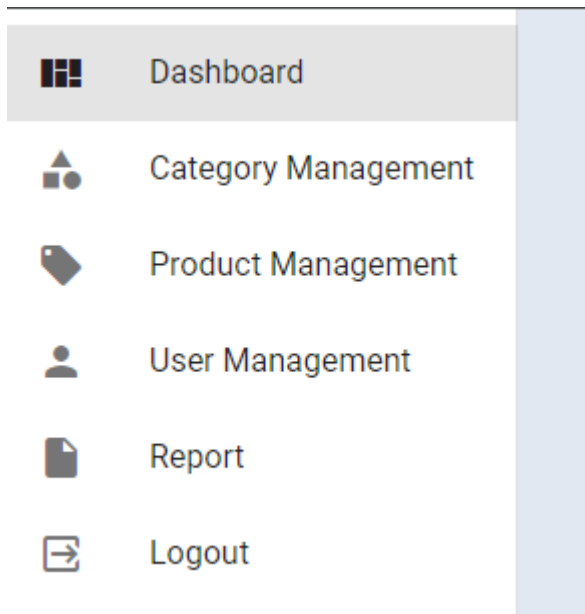
LOGIN

Kamu belum punya akun ? [REGISTER](#)

Gambar 4. Halaman Login

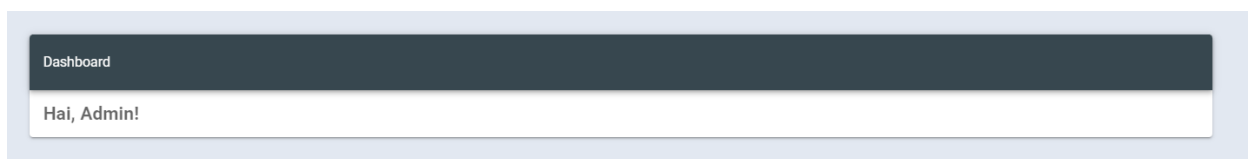
5. Admin

5.1 SideBar



Gambar 5. Menu Admin

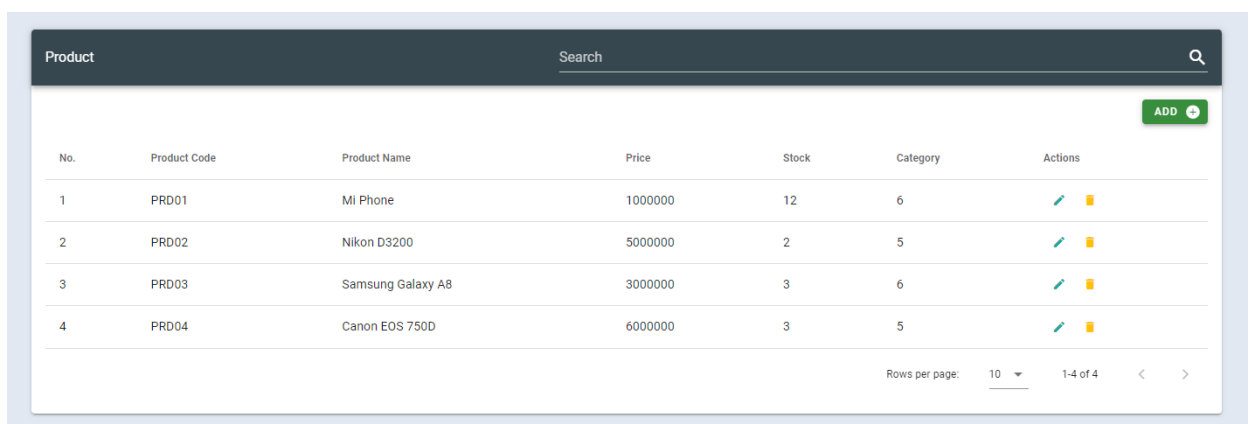
5.2 Dashboard



Gambar 6. Halaman Dashboard

6. Product Management

6.1 Main Page



Gambar 7. Halaman Utama Product Management

6.2 Add Product


ADD PRODUCT

[Product](#) / [Add](#)

Product Code

Product Name

Thumbnail



Price

Stock

0

Category

Status

BACK

SAVE

Gambar 8. Halaman Add Product

6.3 Edit Product

EDIT PRODUCT

[Product](#) / [Edit](#)


Product Code

PRD01

Product Name

Mi Phone

Thumbnail



×

Price

1000000

Stock

12

Category

Handphone

Status

active





BACK

SAVE

Gambar 9. Halaman Edit Product

7. Category Management

7.1 Main Page

Category			
		Search	
			ADD +
No.	Category Code	Category Name	Actions
1	CAM01	Camera	 
2	HP01	Handphone	 
Rows per page: 10 1-2 of 2 < >			

Gambar 10. Halaman Utama Category Management

7.2 Add Category

ADD CATEGORY

[Category](#) / Add

Category Code

Category Name

Status

BACK

SAVE

Gambar 11. Halaman Add Category

7.3 Edit Category

EDIT CATEGORY

[Category](#) / Edit

Category Code
CAM01

Category Name
Camera

Status
active





BACK

SAVE

Gambar 12. Halaman Edit Category

8. User Management

8.1 Main Page

User						Search	
#	Fullname	Email	Role	Status	Actions		
1	Cashier	test@email.com	cashier	active	 		
2	Admin	asd@gmail.com	admin	active	 		
						Rows per page:	10 1-2 of 2 < >

Gambar 13. Halaman Utama User Management

8.2 Add User

ADD USER

User / Add

Fullname

Username

Email

Password

Re-Password

Role

Status

BACK

SAVE

Gambar 14. Halaman Add User

8.3 Edit User

EDIT USER

User / Edit

Username
cashier

Fullname
Cashier

Email
test@email.com

Password
.....

Role
cashier

Status
active

BACK

SAVE

Gambar 15. Halaman Edit User

9. Report

DOWNLOAD PDF

Laporan Pembelian

No	Tanggal Pembelian	Nama Barang	Harga	Jumlah	Total Harga	Total
1	30/06/2024	Mi Phone	1000000	1	1000000	15000000
		Nikon D3200	5000000	1	5000000	
		Samsung Galaxy A8	3000000	1	3000000	
		Canon EOS 750D	6000000	1	6000000	
2	30/06/2024	Mi Phone	1000000	2	2000000	30000000
		Nikon D3200	5000000	2	10000000	
		Samsung Galaxy A8	3000000	2	6000000	
		Canon EOS 750D	6000000	2	12000000	

Gambar 16. Halaman Report

10. PDF Result

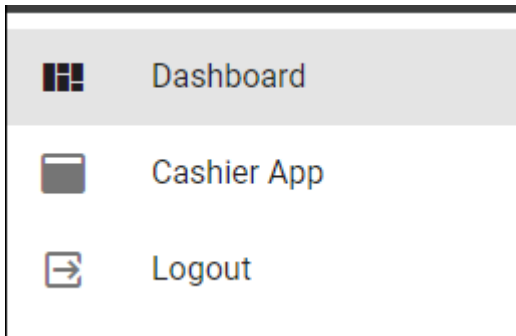
Laporan Pembelian

No	Tanggal Pembelian	Nama Barang	Harga	Jumlah	Total Harga	Total
1	30/06/2024	Mi Phone	1000000.00	1	1000000.00	15000000
		Nikon D3200	5000000.00	1	5000000.00	
		Samsung Galaxy A8	3000000.00	1	3000000.00	
		Canon EOS 750D	6000000.00	1	6000000.00	
2	30/06/2024	Mi Phone	1000000.00	2	2000000.00	30000000
		Nikon D3200	5000000.00	2	10000000.00	
		Samsung Galaxy A8	3000000.00	2	6000000.00	
		Canon EOS 750D	6000000.00	2	12000000.00	

Gambar 17. File PDF Hasil Download Report

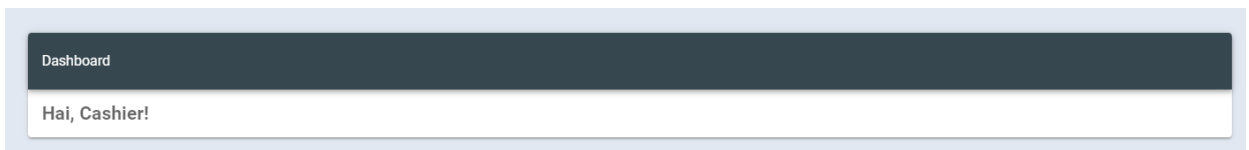
11. Cashier

11.1 SideBar



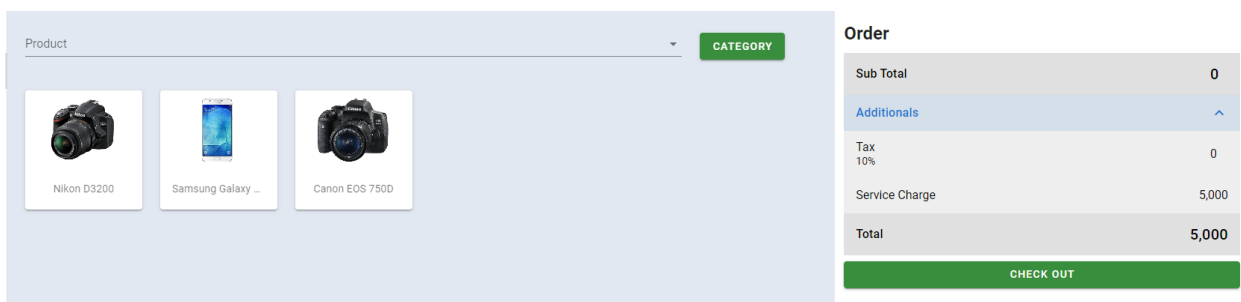
Gambar 18. SideBar Cashier

11.2 Dashboard



Gambar 19. Halaman Dashboard

11.3 Cashier App



Gambar 20. Halaman Cashier App

12. Source Code

- [Source Code](#)
- [Documentation Server Side](#)
- [Documentation Client Side](#)
- [Youtube](#)