

**LAPORAN REVISI UAS TUGAS BESAR**  
**PRAKTIKUM PEMROGRAMAN BERBASIS WEB**  
**“AGEN PRODUK”**



Disusun oleh:

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## DAFTAR ISI

DAFTAR TABEL.....	3
BAB I.....	4
PENDAHULUAN .....	4
1.1    Latar Belakang/Inspirasi membuat aplikasi web Toko DNK .....	4
1.2    Alasan membuat aplikasi web Toko DNK.....	4
1.3    Kerangka Pikiran.....	5
1.4    Fitur-fitur yang Tersedia .....	6
BAB II.....	7
HASIL DAN PEMBAHASAN.....	7
3.1    Tampilan Web Aplikasi Toko DNK .....	7
3.2    Database .....	21
3.3    Tools.....	24
3.4    Source Code .....	24
3.4.1. Controller.....	25
3.4.2. Database.....	35
3.4.3. Handlers.....	36
3.4.4. Middleware.....	42
3.4.5. Routes .....	43
3.4.6. Views.....	44
3.4.7. Main.go.....	110
BAB III .....	111
PENUTUP.....	111
4.1    Kesimpulan .....	111

## DAFTAR TABEL

Tabel 3.4.1.1 product&checkout.go.....	25
Tabel 3.4.2.1 database.go.....	35
Tabel 3.4.3.1 dashboard.go .....	36
Tabel 3.4.3.2 user&admin.go.....	37
Tabel 3.4.4.1 auth.go.....	42
Tabel 3.4.5.1 routes.go.....	43
Tabel 3.4.6.1 cart.html .....	44
Tabel 3.4.6.2 cartcreate.html.....	46
Tabel 3.4.6.3 cartupdate.html .....	47
Tabel 3.4.6.4 checkout_success.html.....	49
Tabel 3.4.6.5 create.html.....	51
Tabel 3.4.6.5 dashboard.html.....	54
Tabel 3.4.6.7 index.html .....	71
Tabel 3.4.6.8 login.html .....	74
Tabel 3.4.6.9 signup.html .....	77
Tabel 3.4.6.10 update.html .....	82
Tabel 3.4.6.11 LandingPageAdmin.html.....	85
Tabel 3.4.6.12 loginAdmin.html .....	102
Tabel 3.4.6.13 signupAdmin.html .....	105
Tabel 3.4.7.1 main.go .....	110

# BAB I

## PENDAHULUAN

### 1.1 Latar Belakang/Inspirasi membuat aplikasi web Toko DNK

Dunia modern saat ini, perkembangan teknologi informasi telah membawa perubahan yang besar dalam berbagai aspek kehidupan, termasuk di dalam sektor perdagangan. E-commerce menjadi salah satu bentuk perdagangan yang paling diminati saat ini karena memudahkan konsumen untuk membeli atau sekedar melihat-lihat suatu produk tanpa terbatas oleh waktu dan tempat. Selain itu, e-commerce sangat memudahkan pedagang untuk menawarkan produknya kepada konsumen dengan sangat mudah dan praktis. Kebanyakan toko agen yang ada saat ini masih banyak yang belum memakai web untuk proses jual-beli. Dengan adanya peluang tersebut, kami terinspirasi untuk membuat sebuah aplikasi web toko agen online yang dinamakan "Toko DNK".

Pembuatan Toko DNK bertujuan untuk memberikan kemudahan kepada para agen dan konsumen dalam melakukan transaksi jual beli. Selain itu kami ingin memberikan kemudahan kepada admin toko agen untuk memasok barang dan mengelola barang agar lebih terorganisir dengan baik. Kami menyadari bahwa saat ini masih banyak agen yang mengalami kesulitan dalam menjual produk karena keterbatasan akses terhadap pasar yang lebih luas. Dengan adanya Toko DNK, kami berusaha menjembatani kebutuhan tersebut dengan menyediakan platform yang mudah digunakan, aman, dan terpercaya. Kami berharap untuk kedepannya web Toko DNK dapat dikenal banyak orang dan dapat menjadi web toko agen yang terpercaya.

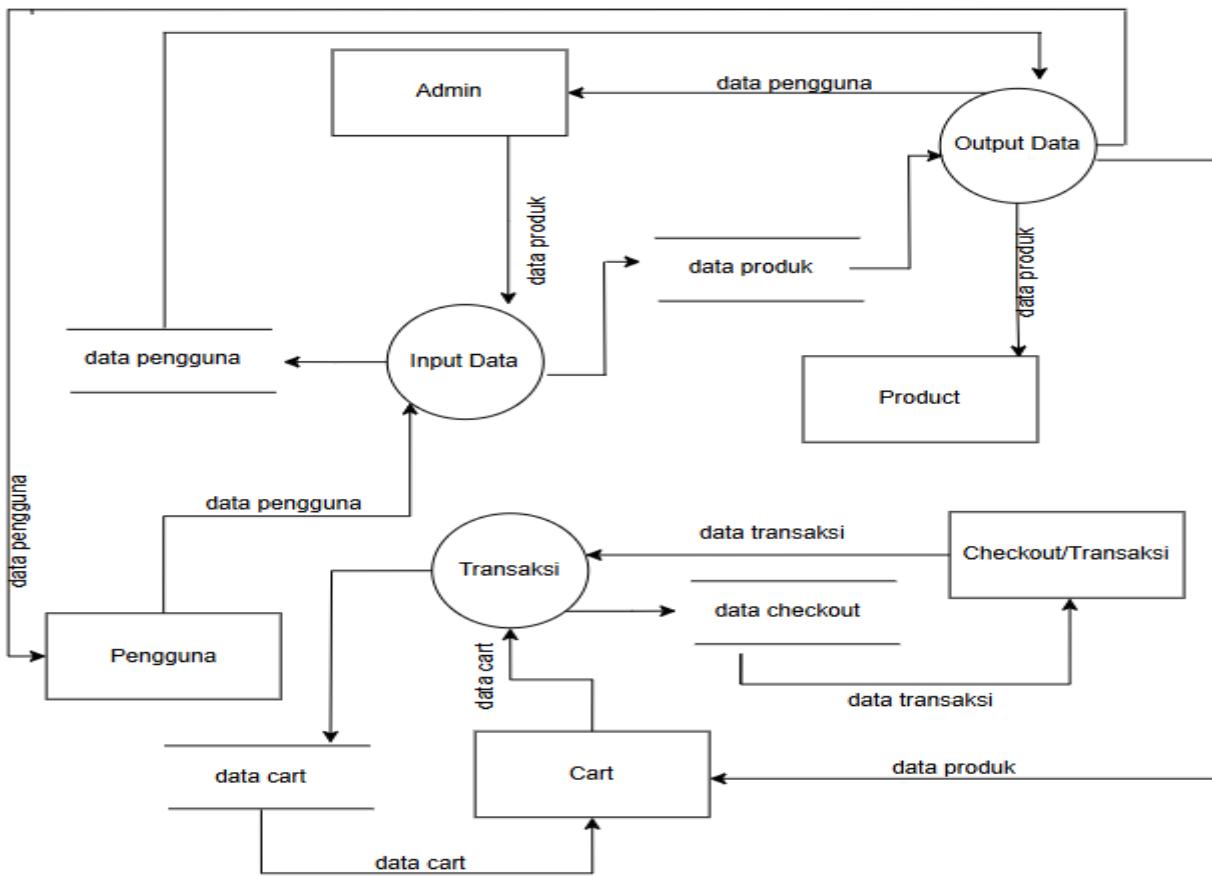
### 1.2 Alasan membuat aplikasi web Toko DNK

Aplikasi web ini dirancang untuk menyederhanakan proses manajemen produk, mulai dari penambahan dan pengurangan produk, pengelolaan stok, hingga pemrosesan pesanan. Dengan aplikasi web ini, admin dapat dengan mudah memantau dan mengontrol seluruh inventaris serta aktivitas yang terjadi, memastikan setiap proses berjalan dengan lancar dan tanpa hambatan. Aplikasi web ini bertujuan untuk meningkatkan efisiensi

operasional, mengurangi kesalahan, dan meningkatkan kepuasan pelanggan dengan layanan yang lebih baik dan responsif.

Pembuatan Toko DNK bertujuan untuk memberikan kemudahan kepada para agen dan konsumen dalam melakukan jual beli. Selain itu kami ingin memberikan kemudahan kepada admin agen untuk memasok barang dan mengelola barang agar lebih terorganisir dengan baik. Toko DNK ingin menyediakan platform yang memungkinkan agen untuk menawarkan produk mereka kepada konsumen dari berbagai wilayah. Toko DNK akan memberikan pengalaman belanja yang mudah dan praktis, baik bagi konsumen maupun agen.

### 1.3 Kerangka Pikiran



Alur singkatnya adalah pengguna memasukkan data (signup) dan masuk ke dalam database pengguna. Admin mengelola data produk (CRUD) di dalam database product. Pengguna dapat memasukkan barang, mengupdate kuantitas barang, dan melakukan transaksi pembelian. Dimana ketika memasukkan, mengupdate barang masuk ke dalam

database cart. Kemudian, ketika pengguna melakukan transaksi maka akan masuk ke dalam database transactions.

#### 1.4 Fitur-fitur yang Tersedia

Toko DNK dilengkapi dengan berbagai fitur yang dirancang untuk memberikan pengalaman bagi agen, di antaranya:

1. **Login dan Sign Up:** Memastikan keamanan dan kemudahan akses bagi pengguna dengan fitur pendaftaran dan login yang sederhana dan aman.
2. **Login:** Untuk admin mengakses web agen Toko DNK.
3. **Tambahkan Produk:** Admin dapat dengan mudah menambahkan produk baru ke dalam sistem, lengkap dengan detail seperti nama produk, harga, dan deskripsi produk.
4. **Lihat Produk:** Pengguna dapat melihat daftar lengkap produk yang tersedia, termasuk detail penting seperti harga dan deskripsi.
5. **Tambahkan ke Keranjang:** Pelanggan dapat menambahkan produk ke keranjang belanja mereka dengan sekali klik, memudahkan proses pembelian.
6. **Update Keranjang:** Pelanggan memiliki fleksibilitas untuk mengupdate jumlah atau mengubah produk yang ada di keranjang belanja mereka sebelum melakukan pembelian.
7. **Hapus dari Keranjang:** Memungkinkan pelanggan untuk menghapus produk dari keranjang belanja mereka jika mereka berubah pikiran atau tidak ingin membeli produk tersebut lagi.
8. **Checkout:** Transaksi pembelian ya

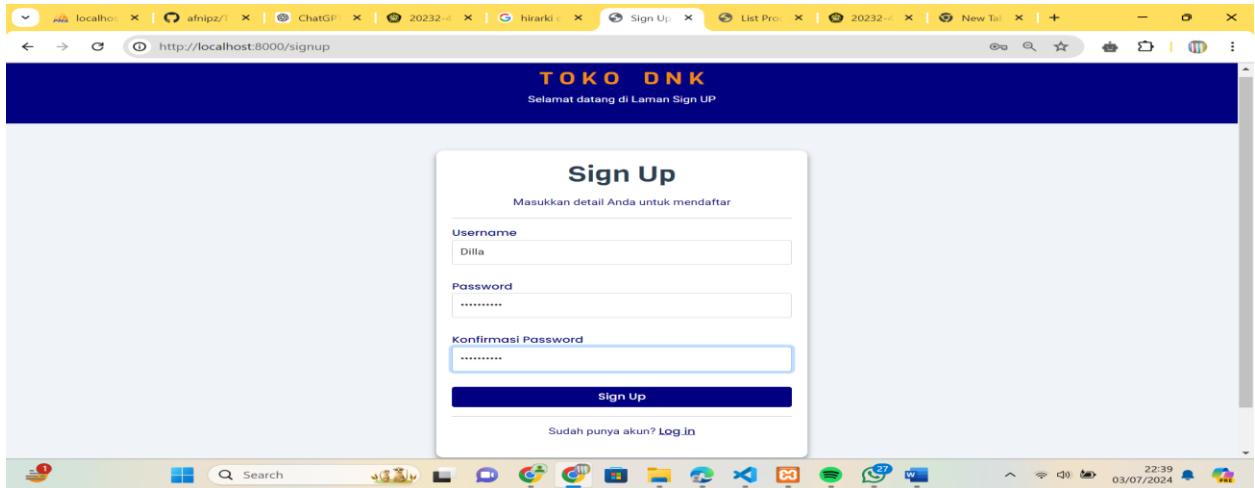
Admin dapat mengakses semua fitur yang ada didalam web Toko DNK kecuali mengakses fitur sign up, karena admin tidak perlu daftar untuk mengakses web. Sedangkan, pengguna harus melakukan sign up terlebih dahulu untuk dapat mengakses web Toko DNK, pengguna hanya bisa mengakses fitur tambahkan ke keranjang, update keranjang, hapus dari keranjang dan melakukan proses checkout.

## BAB II

# HASIL DAN PEMBAHASAN

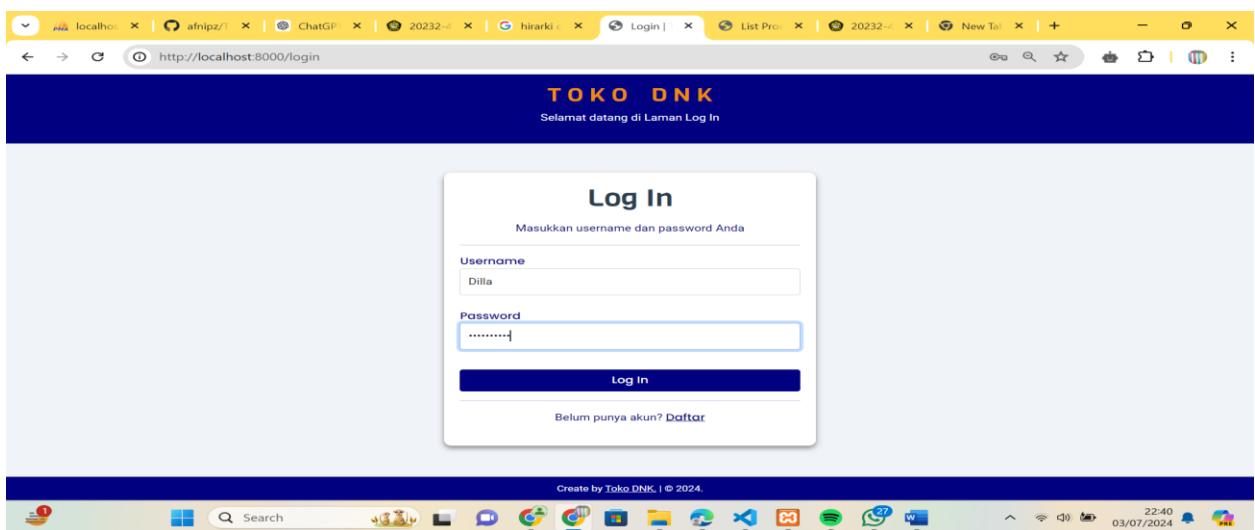
### 3.1 Tampilan Web Aplikasi Toko DNK

1. User
- Sign Up User



Tampilan yang dimana *user* mendaftar username dan password yang akan nantinya disimpan di database.

- Login User



Tampilan yang *user* pakai untuk masuk ke halaman LandingPage.

- Landing Page User

The screenshot shows two browser windows side-by-side. The top window displays the landing page for 'TOKO DNK' with a central advertisement featuring a smiling family at a meal. The ad includes text about 'Royco Kaldu Spesial' being suitable for children's meals. The bottom window shows a 'Produk' (Products) page listing six items in a grid format, each with a 'Tambah ke Keranjang' (Add to Cart) button.

**Selamat Datang di TOKO DNK**

**Royco Kaldu Spesial**  
Lezat Gurah Alami untuk  
Menu MPASI Si Kecil

Produk	Harga
Djarum	16000
Kopi ABC	2000
Indomie	3000
Spagethie	20000
Cap Kaki	13000
Gula Pasir	9800

Bagian ini adalah dimana adalah hasil *create* dari Admin ketika menambahkan produk.

The screenshot shows a web browser window with multiple tabs open at the top. The active tab is titled "Landing" and has the URL <http://localhost:8000/LandingPage/product>. The main content area features a title "Layanan Kami" and three service offerings in boxes:

- Pembayaran Fleksibel**

Layanan ini menyediakan berbagai metode pembayaran yang fleksibel untuk kemudahan pelanggan. Selain pembayaran dengan kartu kredit dan transfer bank, pelanggan juga dapat memilih opsi pembayaran digital seperti e-wallet dan paylater.

Layanan ini bertujuan untuk memberikan kemudahan dan kenyamanan dalam proses transaksi.
- Pengiriman Cepat dan Gratis**

Layanan ini menyediakan pengiriman cepat dan gratis untuk semua pembelian di atas jumlah tertentu. Pelanggan tidak perlu khawatir dengan biaya tambahan untuk pengiriman dan bisa mendapatkan produk mereka dengan lebih cepat. Pengiriman cepat ini mencakup area tertentu.
- Program Loyalitas dan Diskon Eksklusif**

Program ini dirancang untuk memberikan keuntungan lebih bagi pelanggan setia. Dengan mendaftar menjadi anggota, pelanggan bisa mendapatkan poin setiap kali mereka berbelanja, yang kemudian bisa ditukarkan dengan diskon pada pembelian berikutnya. Selain itu, anggota juga akan mendapatkan akses eksklusif ke penawaran dan diskon khusus yang tidak tersedia untuk pelanggan biasa.

The screenshot shows a web browser window with multiple tabs open at the top. The active tab is titled "Landing" and has the URL <http://localhost:8000/LandingPage/product>. The main content area features a title "Ulasan Pelanggan" and three customer reviews in boxes:

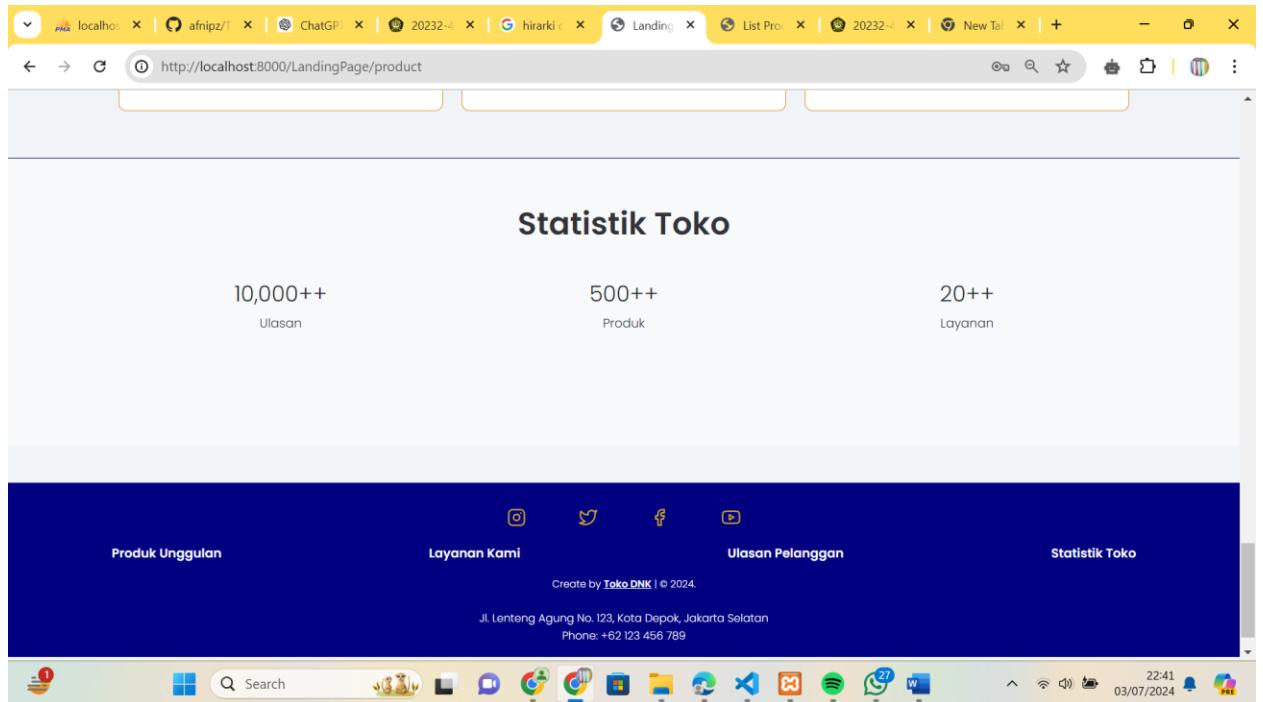
- Diansz**  
★★★★★

"Toko ini benar-benar memahami kebutuhan pelanggannya. Program loyalitasnya memberikan diskon menarik dan garansi uang kembali membuat saya merasa aman mencoba produk baru. Pasti akan berbelanja lagi di sini!"
- Rzakrn**  
★★★★★

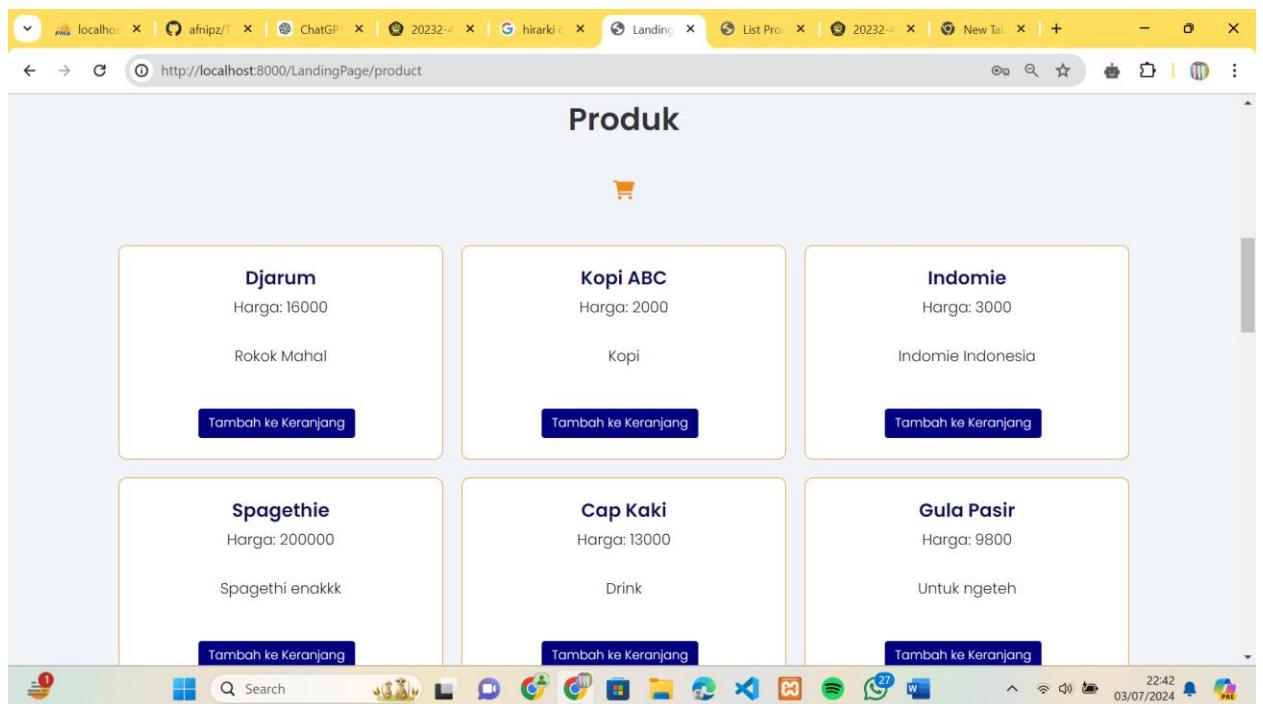
"Pengalaman berbelanja yang sangat memuaskan! Pembayaran fleksibel dengan berbagai opsi memudahkan transaksi saya. Produk sampai dengan cepat dan dalam kondisi sempurna. Highly recommended!"
- Galang**  
★★★★★

"Layanan kustomisasi produk di toko ini sangat memuaskan. Ditambah pengiriman cepat dan gratis, toko ini jadi pilihan utama saya untuk berbelanja!"

Di LandingPage ini ada section Produk, Layanan Kami, dan Statistika Toko.



- Tambah ke Keranjang/ create dari sisi user



Pada LandingPage#unggulan ini menampilkan hasil dari create produk atau disebut *view*-nya. Dan dimana juga disini bisa menambahkan produk ke keranjang yang otomatis akan ke /cart.

- View Cart/read

Keranjang Belanja

Nama Produk	Kuantitas	Harga Satuan	Total	Aksi
Kopi ABC	1	2000	2000	<button>Ubah</button> <button>Hapus</button>
Djarum	1	16000	16000	<button>Ubah</button> <button>Hapus</button>

**Checkout**

**Kembali**

Halaman view cartnya, dimana ada kasi untuk meng-*update* dan *delete* kuantitas.  
Dan *delete* produk di keranjang.

- Ubah Jumlah/Kuantitas Pembelian Produk/update

Ubah Kuantitas Produk

Kuantitas

3

Ubah

Halaman yang digunakan untuk meng-*update* jumlah barang di keranjang.

Nama Produk	Kuantitas	Harga Satuan	Total	Aksi
Kopi ABC	1	2000	2000	<button>Ubah</button> <button>Hapus</button>
Djarum	3	16000	48000	<button>Ubah</button> <button>Hapus</button>

**Keranjang Belanja**

**Checkout**

**Kembali**

Ketika sudah *update* jumlah kuantitasnya, maka otomatis juga harga total berubah.

- Hapus produk yang tidak jadi dibeli/delete

localhost:8000 says  
Anda yakin ingin menghapus produk ini?

Nama Produk	Kuantitas	Harga Satuan	Total	Aksi
Kopi ABC	1	2000	2000	<button>Ubah</button> <button>Hapus</button>
Djarum	3	16000	48000	<button>Ubah</button> <button>Hapus</button>

**Checkout**

**Kembali**

Dengan mengklik aksi hapus maka produk di keranjang akan otomatis terhapus.

Keranjang Belanja

Nama Produk	Kuantitas	Harga Satuan	Total	Aksi
Djarum	3	16000	48000	<a href="#">Ubah</a> <a href="#">Hapus</a>

Checkout

Kembali

Tampilan ketika produk sudah dihapus.

## Transaksi

- Checkout

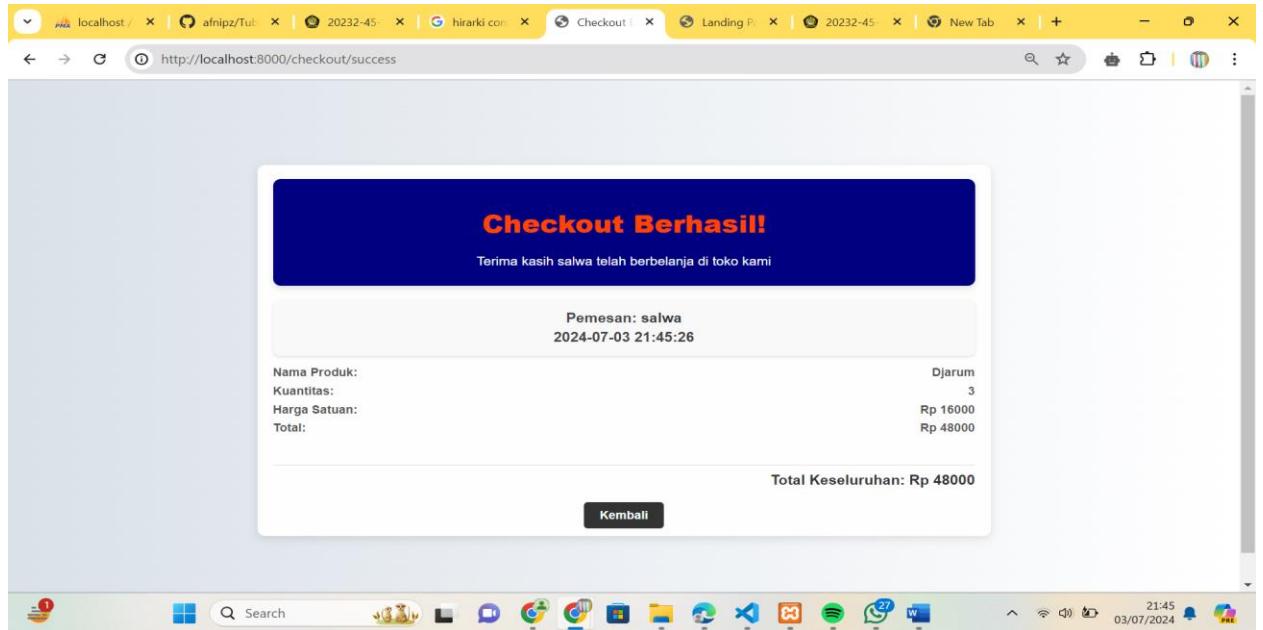
Keranjang Belanja

Nama Produk	Kuantitas	Harga Satuan	Total	Aksi
Djarum	3	16000	48000	<a href="#">Ubah</a> <a href="#">Hapus</a>

Checkout

Kembali

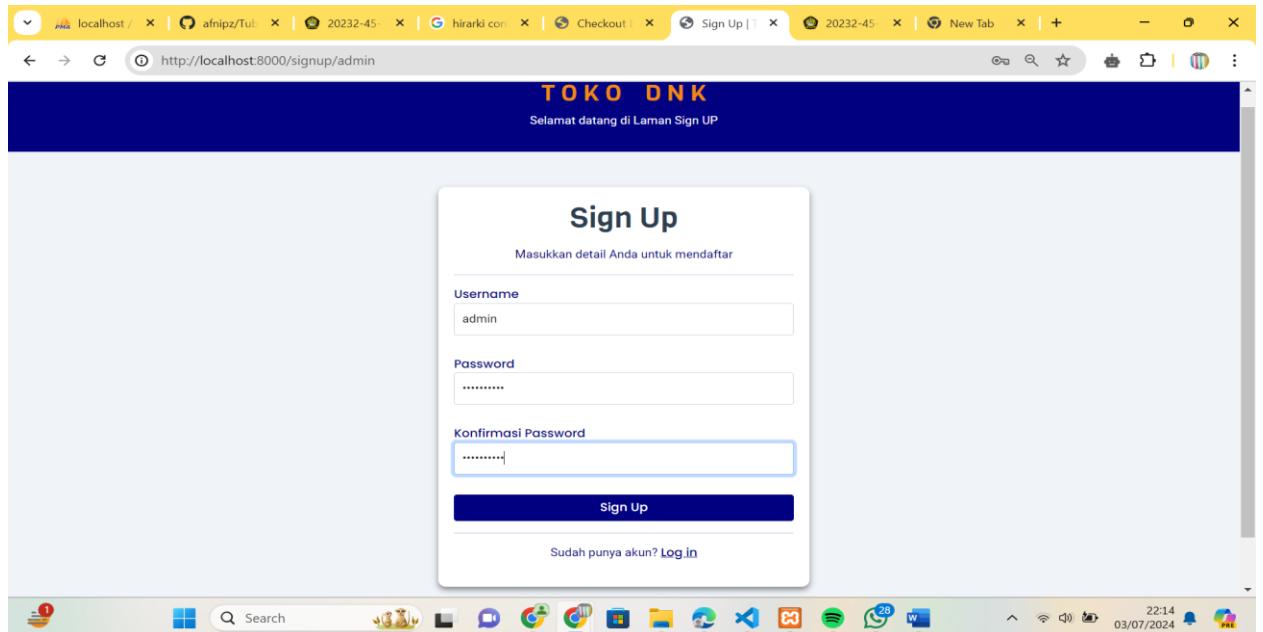
Klik ‘checkout’



Maka keluar output yang sudah diinput dari keranjang beserta terdapat username di bagian ‘Terimakasih salwa telah berbelanja di toko kami’. Username diambil dari cookie ketika login.

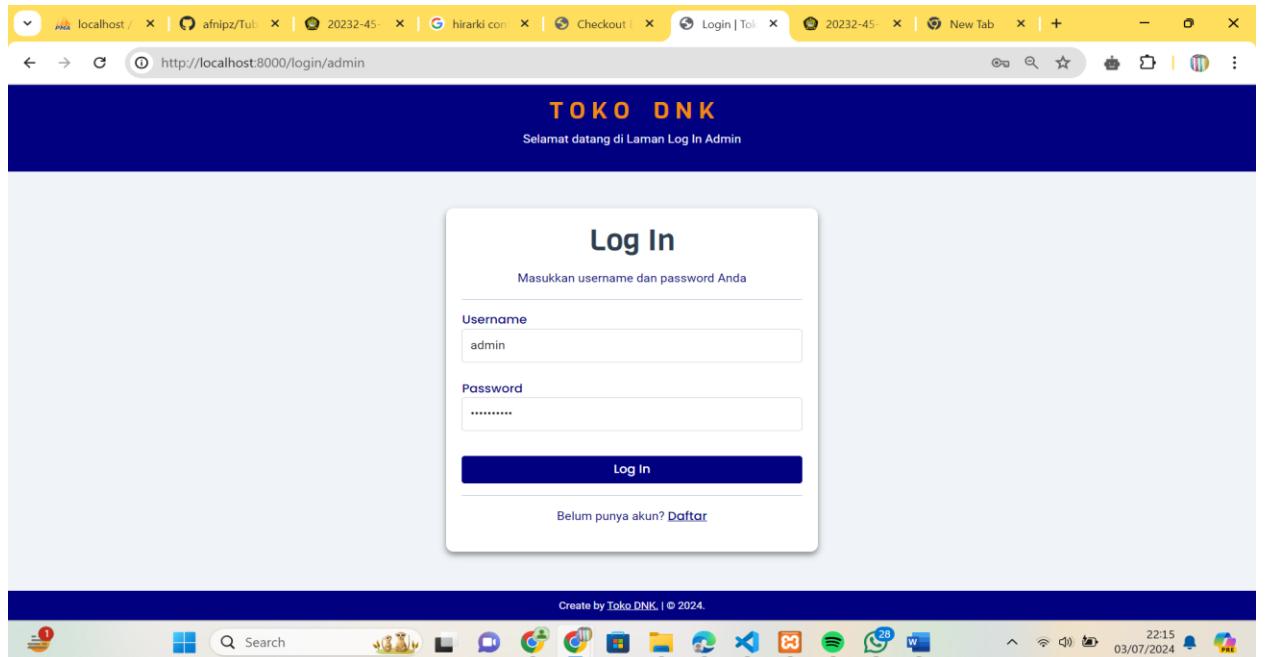
## 2. Admin

- Signup Admin



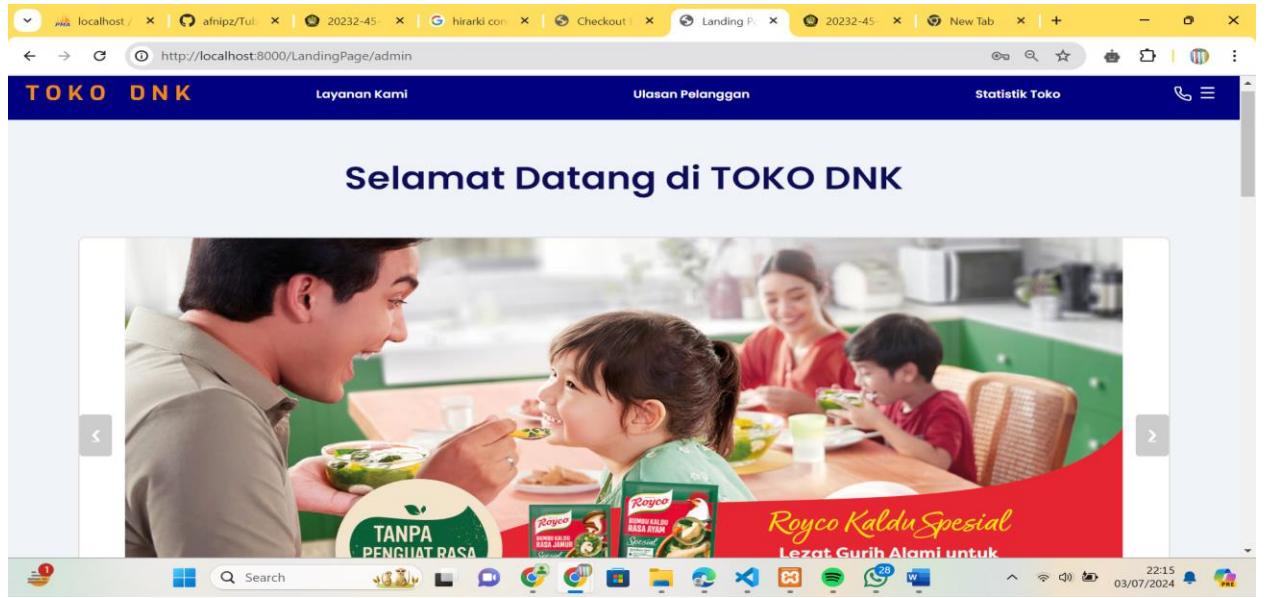
Tampilan yang dimana admin mendaftar username dan password yang akan nantinya disimpan di database.

- Login Admin



Tampilan yang admin pakai untuk masuk ke halaman LandingPage/admin.

- Landing Page Admin



Bagian ini adalah dimana adalah hasil *create* dari Admin ketika menambahkan produk.

**Layanan Kami**

**Pembayaran Fleksibel**

Layanan ini menyediakan berbagai metode pembayaran yang fleksibel untuk kemudahan pelanggan. Selain pembayaran dengan kartu kredit dan transfer bank, pelanggan juga dapat memilih opsi pembayaran digital seperti e-wallet dan paylater.

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Layanan ini menyediakan pengiriman cepat dan gratis untuk semua pembelian di atas jumlah tertentu. Pelanggan tidak perlu khawatir dengan biaya tambahan untuk pengiriman dan bisa mendapatkan produk mereka dengan lebih cepat. Pengiriman cepat ini mencakup area tertentu.

**Program Loyalitas dan Diskon Eksklusif**

Program ini dirancang untuk memberikan keuntungan lebih bagi pelanggan setia. Dengan mendaftar menjadi anggota, pelanggan bisa mendapatkan poin setiap kali mereka berbelanja, yang kemudian bisa ditukarkan dengan diskon pada pembelian berikutnya. Selain itu, anggota juga akan mendapatkan akses eksklusif ke penawaran dan diskon khusus yang tidak tersedia untuk pelanggan biasa.

**Ulasan Pelanggan**

**Diansz**  
★★★★★

"Toko ini benar-benar memahami kebutuhan pelanggannya. Program loyalitasnya memberikan diskon menarik dan garansi uang kembali membuat saya merasa aman mencoba produk baru. Pasti akan berbelanja lagi di sini!"

**Rzakrn**  
★★★★★

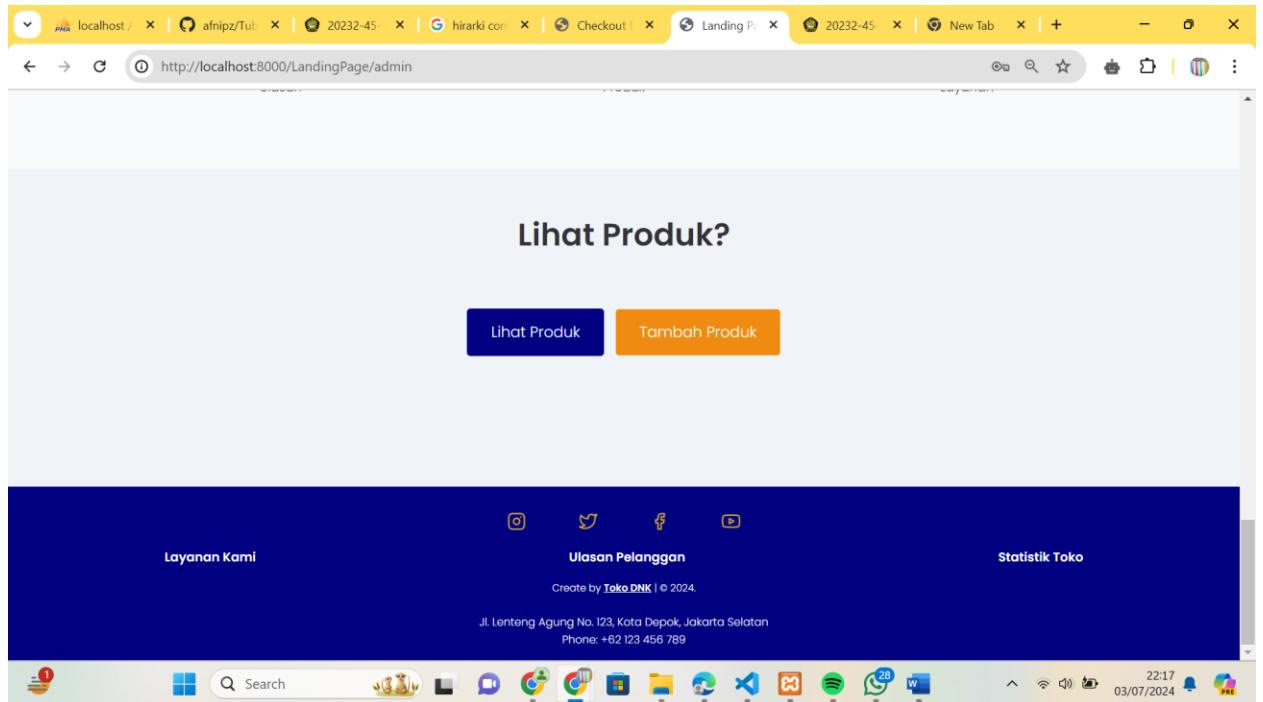
"Pengalaman berbelanja yang sangat memuaskan! Pembayaran fleksibel dengan berbagai opsi memudahkan transaksi saya. Produk sampai dengan cepat dan dalam kondisi sempurna. Highly recommended!"

**Galang**  
★★★★★

"Layanan kustomisasi produk di toko ini sangat memuaskan. Ditambah pengiriman cepat dan gratis, toko ini jadi pilihan utama saya untuk berbelanja!"

**Statistik Toko**

Kategori	Nilai
Pembeli Aktif	10,000++
Pembelian Bulanan	500++
Pembelian Mingguan	20++



Di LandingPage admin ini hanya ada, Layanan Kami, dan Statistika Toko yang memdekan dari Landing Page User serta pada landing admin terdapat button untuk mengarah ke create atau ke view product nya..

- View List produk

Nama	Harga	Deskripsi	Aksi
Djarum	16000	Rokok	<button>Edit</button> <button>Delete</button>
Kopi ABC	2000	Kopi	<button>Edit</button> <button>Delete</button>
Indomie	3000	Indomie Indonesia	<button>Edit</button> <button>Delete</button>
Spagethie	200000	Spagethi enakkk	<button>Edit</button> <button>Delete</button>
Cap Kaki	13000	Drink	<button>Edit</button> <button>Delete</button>
Zaky	1200	ciki	<button>Edit</button> <button>Delete</button>
Gula Pasir	9800	Untuk ngeteh	<button>Edit</button> <button>Delete</button>
Garam	1000	Gudang garam jaya	<button>Edit</button> <button>Delete</button>
Cheetos	2500	Cikian	<button>Edit</button> <button>Delete</button>

Halaman ketika Admin sudah menambahkan produk, maka di halaman ini akan muncul produknya seperti *view* dari hasil tambah produk.

- Jika ingin mengedit produk

The screenshot shows a web browser window with a yellow header bar containing multiple tabs. The active tab's URL is <http://localhost:8000/product/update?id=2>. The main content area has a dark blue header with the text "TOKO DNK". Below it is a section titled "Produk". The form contains three input fields: "Nama Produk" with the value "Djarum", "Harga" with the value "16000", and "Deskripsi" with the value "Rokok Mahal". There is also a file upload input field with the placeholder "abc" and a small preview thumbnail. At the bottom left is a blue "Edit" button, and at the bottom right is a "Create by Toko DNK © 2024. All rights reserved." footer.

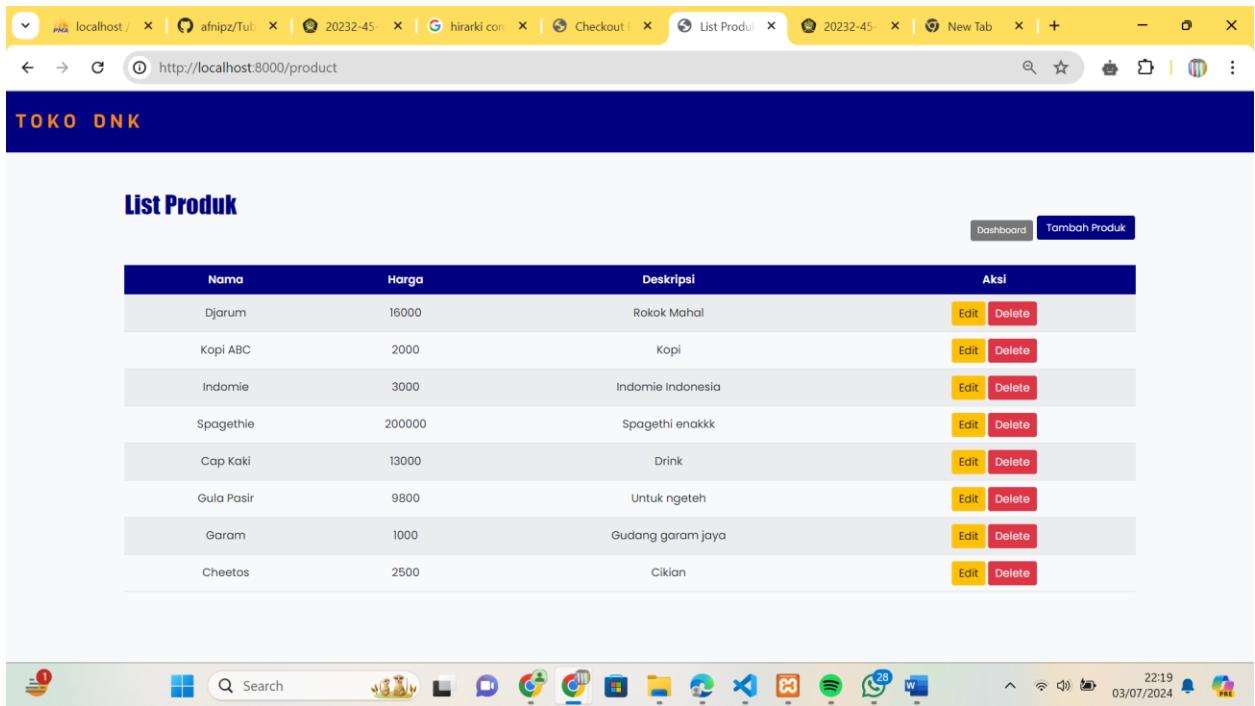
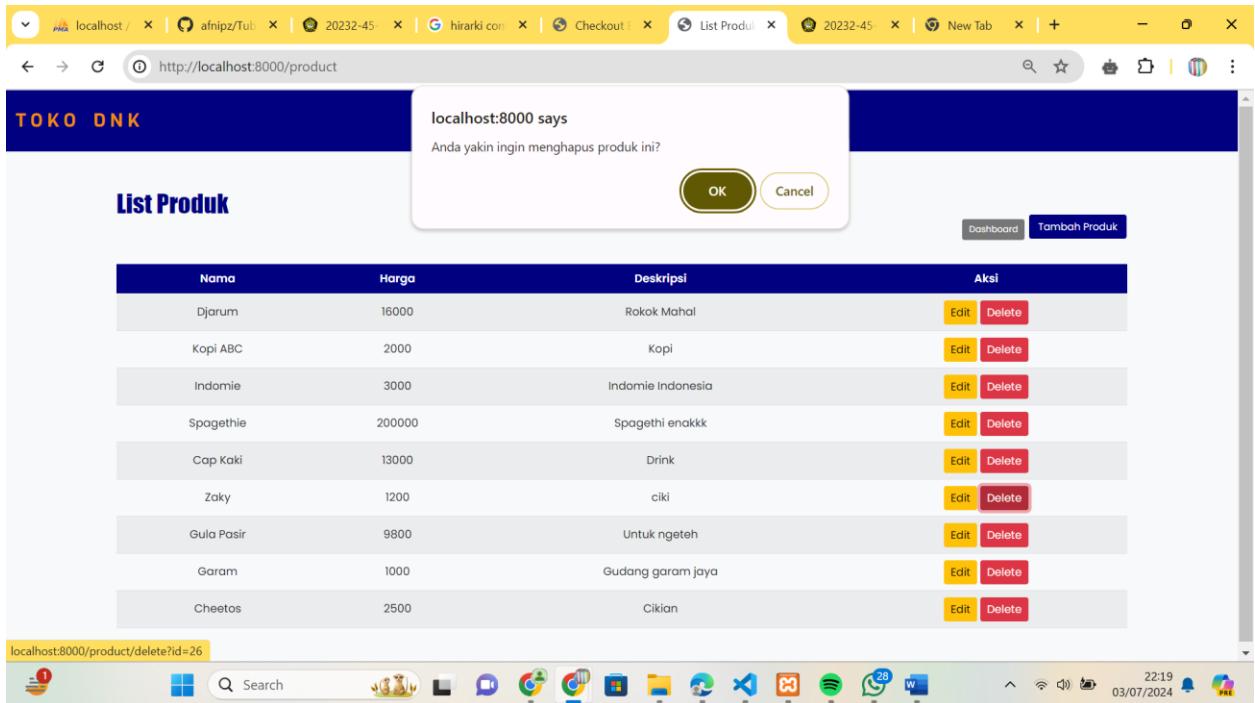
The screenshot shows a web browser window with a yellow header bar containing multiple tabs. The active tab's URL is <http://localhost:8000/product>. The main content area has a dark blue header with the text "TOKO DNK". Below it is a section titled "List Produk". A navigation bar above the table includes "Dashboard" and "Tambah Produk" buttons. The table lists nine products with columns for "Nama", "Harga", "Deskripsi", and "Aksi". Each row contains an "Edit" button and a "Delete" button. The products listed are:

Nama	Harga	Deskripsi	Aksi
Djarum	16000	Rokok Mahal	Edit Delete
Kopi ABC	2000	Kopi	Edit Delete
Indomie	3000	Indomie Indonesia	Edit Delete
Spagethie	200000	Spagethi enakkk	Edit Delete
Cap Kaki	13000	Drink	Edit Delete
Zaky	1200	ciki	Edit Delete
Gula Pasir	9800	Untuk ngeteh	Edit Delete
Garam	1000	Gudang garam jaya	Edit Delete
Cheetos	2500	Cikian	Edit Delete

At the bottom right of the page is a footer with the text "Create by Toko DNK © 2024. All rights reserved." and the date "03/07/2024".

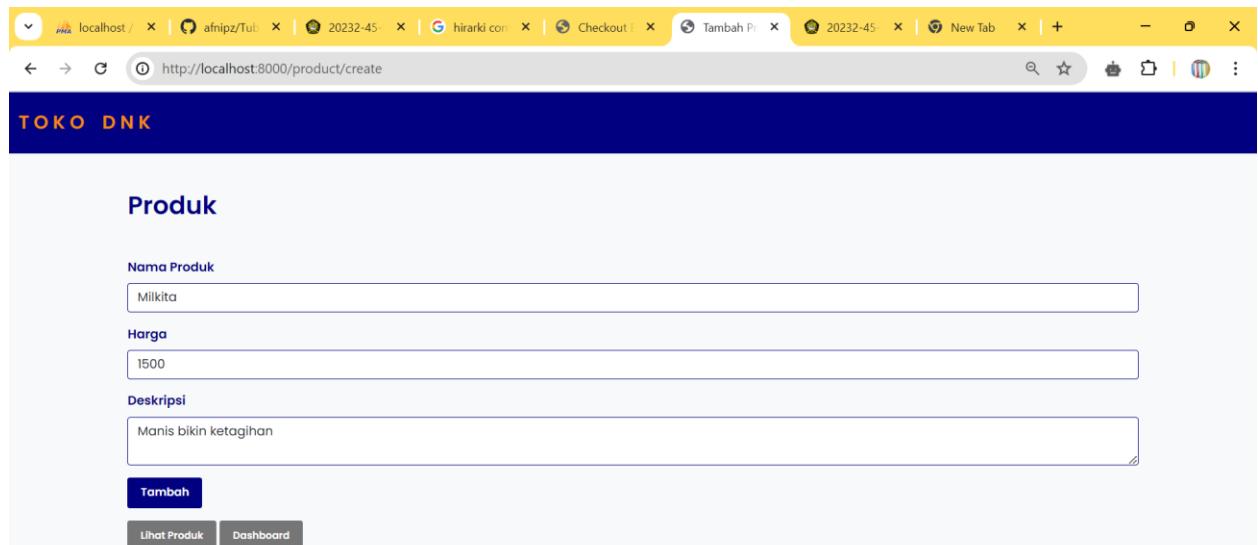
Halaman untuk meng-*update* sebuah produk yang nantinya akan *direct* ke halaman /product/update

- Jika ingin mendelete produk



Delete produk dengan mengklik aksi delete yang dimana sudah terhubung ke databas, jadi ketika klik delete otomatis terhapus di database.

- Tambahkan produk



TOKO DNK

## Produk

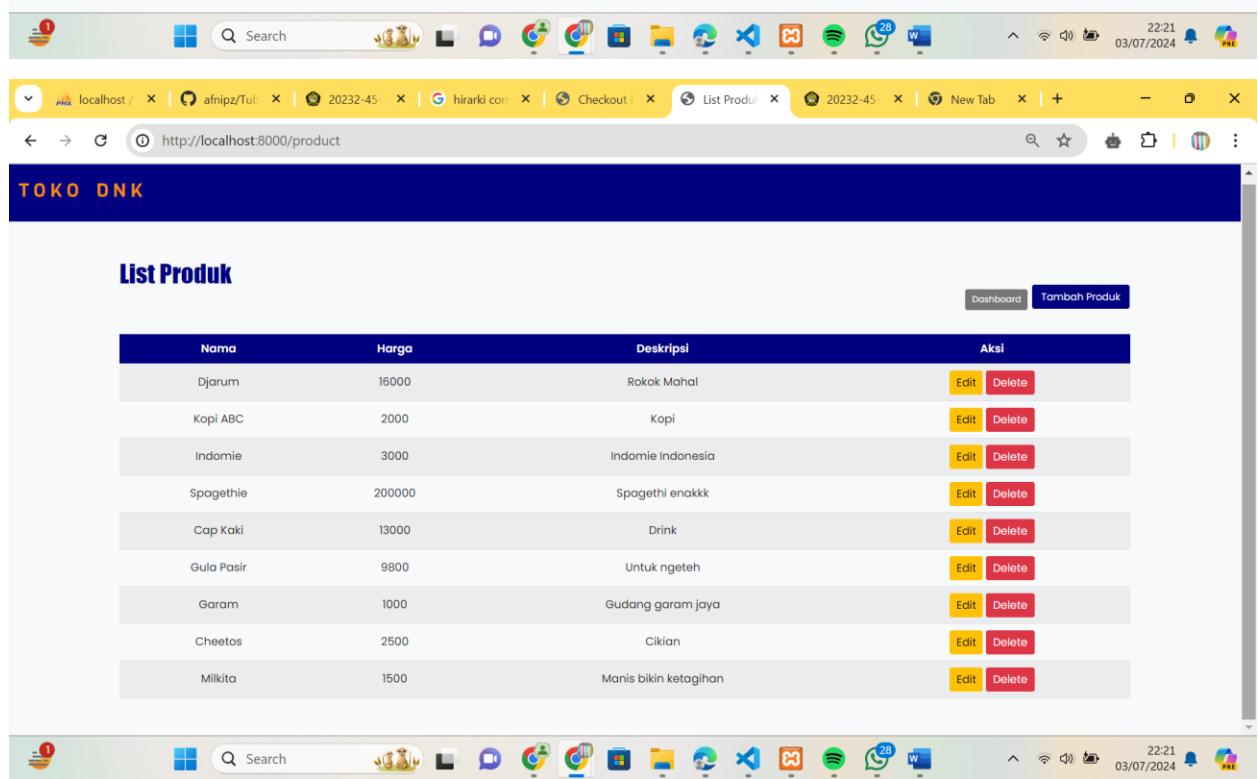
Nama Produk

Harga

Deskripsi

**Tambah**

Lihat Produk   Dashboard



TOKO DNK

## List Produk

Nama	Harga	Deskripsi	Aksi
Djarum	16000	Rokok Mahal	<a href="#">Edit</a> <a href="#">Delete</a>
Kopi ABC	2000	Kopi	<a href="#">Edit</a> <a href="#">Delete</a>
Indomie	3000	Indomie Indonesia	<a href="#">Edit</a> <a href="#">Delete</a>
Spagethie	200000	Spagethi enakkk	<a href="#">Edit</a> <a href="#">Delete</a>
Cap Kaki	13000	Drink	<a href="#">Edit</a> <a href="#">Delete</a>
Gula Pasir	9800	Untuk ngeteh	<a href="#">Edit</a> <a href="#">Delete</a>
Garam	1000	Gudang garam jaya	<a href="#">Edit</a> <a href="#">Delete</a>
Cheetos	2500	Cikian	<a href="#">Edit</a> <a href="#">Delete</a>
Milikita	1500	Manis bikin ketagihan	<a href="#">Edit</a> <a href="#">Delete</a>

Halaman ketika Admin ingin menambahkan produk dan muncul di Listproduk serta muncul juga di *user* pada Landing Page . Berikut:

<b>Spagethie</b> Harga: 20000 Spagethi enakkk  <b>Tambah ke Keranjang</b>	<b>Cap Kaki</b> Harga: 13000 Drink  <b>Tambah ke Keranjang</b>	<b>Gula Pasir</b> Harga: 9800 Untuk ngeteh  <b>Tambah ke Keranjang</b>
<b>Garam</b> Harga: 1000 Gudang garam jaya  <b>Tambah ke Keranjang</b>	<b>Cheetos</b> Harga: 2500 Cikian  <b>Tambah ke Keranjang</b>	<b>Milkita</b> Harga: 1500 Manis bikin ketagihan  <b>Tambah ke Keranjang</b>

## 3.2 Database

- Database dengan nama agen

Table	Action	Rows	Type	Collation	Size	Overhead
admin	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	32.0 Kib	-
cart	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	48.0 Kib	-
pengguna	Browse Structure Search Insert Empty Drop	13	InnoDB	utf8mb4_general_ci	16.0 Kib	-
product	Browse Structure Search Insert Empty Drop	9	InnoDB	utf8mb4_general_ci	48.0 Kib	-
transactions	Browse Structure Search Insert Empty Drop	12	InnoDB	utf8mb4_general_ci	32.0 Kib	-
crud-employee	Browse Structure Search Insert Empty Drop	35	InnoDB	utf8mb4_general_ci	176.0 Kib	0 B

Database yang mengelola tabel-tabel lain nantinya.

- Tabel Admin

Showing rows 0 - 0 (1 total, Query took 0.0031 seconds)

`SELECT * FROM `admin``

	<code>id</code>	<code>username</code>	<code>password</code>
<input type="checkbox"/>	1	Admin	\$2a\$10\$6rBQpJm7Ap2/FyoICnCweshO3f4oYGBeGgMNhJbV.

- Tabel pengguna

Showing rows 0 - 12 (13 total, Query took 0.0004 seconds)

`SELECT * FROM `pengguna``

	<code>id</code>	<code>username</code>	<code>password</code>	<code>Time</code>
<input type="checkbox"/>	1	kekey	\$2a\$10\$6rBQpJm7Ap2/FyoICnCweshO3f4oYGBeGgMNhJbV...	2024-06-14 01:21:08
<input type="checkbox"/>	2	afni	\$2a\$10\$6rBQpJm7Ap2/FyoICnCweshO3f4oYGBeGgMNhJbV...	2024-06-14 01:21:08
<input type="checkbox"/>	3	salwa	\$2a\$10\$M2sFDAsaAmc0krJH53ktOaJ7bgHT6pdXW/PbcJH...	2024-06-14 01:21:08
<input type="checkbox"/>	4	papa	\$2a\$10\$Wkjdb64ymlWYh3HE7eD07JlNtQ0d4TQux39KL...	2024-06-14 01:21:08
<input type="checkbox"/>	5	kekey	\$2a\$10\$K1FKHUFnybw/0CEG2elWFc2InefisRku/ZpmE...	2024-06-14 01:21:08
<input type="checkbox"/>	19	mama	\$2a\$10\$MIS40-AFX9vCsPQipTHNuqyKRsyjCQLwspOpfSmrf...	2024-06-14 01:21:08
<input type="checkbox"/>	25	sixwz	\$2a\$10\$Kc0KWsACTKna4UJ8e81C/hbowffIBos1oLiSvnB...	2024-06-16 11:40:10
<input type="checkbox"/>	26	gumai	\$2a\$10\$zAULEXEn1phNnYlcQ1IDmsuVfdWJWF97f1iyQdF4ZI...	2024-06-18 20:15:10
<input type="checkbox"/>	29	koba	\$2a\$10\$g2z2urOS6U7gBY9HPi7c74z600c0kIKTkgCn...	2024-06-21 01:33:41
<input type="checkbox"/>	30	afnipz	\$2a\$10\$5kl0WXGKhaOMv3gSbhOKDxs4b4duE/SwUfggaZ0j...	2024-06-21 13:25:48
<input type="checkbox"/>	33	mir	\$2a\$10\$NaWzol112drfXq9MoYuCnh06ay77nIRoAwgf...	2024-06-29 03:04:59
<input type="checkbox"/>	34	amir	\$2a\$10\$5cNh9ogf5Cd18dt/NKNurOrTy71KHIEPAtauSbz1...	2024-06-30 11:35:11
<input type="checkbox"/>	35	Gita	\$2a\$10\$dc20rw5QRFQltYxniauUDcElz8fKF-sVMSGTu...	2024-07-01 21:53:08

Pada Tabel pengguna terdapat atribut id, username, dan password

- Tabel product

The screenshot shows the phpMyAdmin interface for the 'product' table. The table structure is as follows:

	id	nama	harga	deskripsi	tanggal
<a href="#">Edit</a>	2	Djarum	16000	Rokok	2024-06-29 21:39:08
<a href="#">Edit</a>	5	Kopi ABC	2000	Kopi	2024-06-30 12:29:12
<a href="#">Edit</a>	9	Indomie	3000	Indomie Indonesia	2024-06-21 13:27:32
<a href="#">Edit</a>	18	Spaghetti	200000	Spaghetti enakk	2024-06-21 13:28:27
<a href="#">Edit</a>	24	Cap Kaki	13000	Drink	2024-06-28 23:26:41
<a href="#">Edit</a>	26	Zaky	1200	ciki	2024-06-29 13:16:55
<a href="#">Edit</a>	28	Gula Pasir	9800	Untuk ngeteh	2024-06-29 21:39:49
<a href="#">Edit</a>	32	Garam	1000	Gudang garam jaya	2024-07-03 15:21:09
<a href="#">Edit</a>	33	Cheetos	2500	Cikan	2024-07-03 15:27:27

Terdapat atribut id, nama, harga, deskripsi.

- Tabel cart

The screenshot shows the phpMyAdmin interface for the 'cart' table. The table structure is as follows:

	id	product_name	kuantitas	timestamp

A message in the query results area states: "MySQL returned an empty result set (i.e. zero rows). (Query took 0.0006 seconds.)"

Terdapat atribut id, product\_name, kuantitas.

- Tabel transactions

The screenshot shows the phpMyAdmin interface with the database 'agen' selected. The 'transactions' table is currently viewed. The table has the following columns: id, username, product\_name, quantity, unit\_price, total\_price, total\_amount, and timestamp. The data shows various transactions for users like Kopi ABC, Cap Kaki, Spagethie, Gula, Mill, Zaky, and Djarum with their respective quantities and prices.

	id	username	product_name	quantity	unit_price	total_price	total_amount	timestamp
16	0	Kopi ABC		5	2000	10000	13000	2024-06-29 20:25:03
20	0	Kopi		1	300	300	23600	2024-06-29 20:25:03
21	0	Cap Kaki		1	13000	13000	23600	2024-06-29 20:25:03
22	0	Spagethie		2	200000	400000	417300	2024-06-29 20:25:03
23	0	Gula		1	15000	15000	417300	2024-06-29 20:25:03
24	0	Kopi		1	300	300	417300	2024-06-29 20:25:03
25	0	Kopi ABC		1	2000	2000	417300	2024-06-29 20:25:03
26	0	Mill		1	15000	15000	15000	2024-06-29 20:25:03
27	0	Kopi ABC		1	2000	2000	2000	2024-06-29 20:25:03
36	0	Zaky		1	1200	1200	40200	2024-06-29 20:25:03
1719666517954526758	0	Kopi ABC		1	2000	2000	87000	2024-06-30 06:21:11
1719666517954526759	0	Djarum		5	16000	80000	87000	2024-06-30 06:21:11

Terdapat atribut id, product\_name, quantity, unit\_price, total\_price, total\_amount.

### 3.3 Tools

Untuk membuat dan mengembangkan program ini, kami menggunakan beberapa tools, di antara lain:

1. Vscode
2. Xampp
3. Git

### 3.4 Source Code

Github:

<https://github.com/afnipz/TubesPBW-Agen-Toko-DNK.git>

Youtube:

[https://youtu.be/W\\_04ssdbB-8?si=LAHaPPSIC-bNE5wu](https://youtu.be/W_04ssdbB-8?si=LAHaPPSIC-bNE5wu)

### 3.4.1. Controller

Tabel 3.4.1.1 product.go

#### product&checkout.go

```
package controller

import (
    "database/sql"
    "fmt"
    "html/template"
    "net/http"
    "path/filepath"
    "strconv"
    "time"
)

type Product struct {
    Id      string
    Nama   string
    Harga  string
    Deskripsi string
}

func NewIndexProduct(db *sql.DB) func(w http.ResponseWriter, r *http.Request) {
{
    return func(w http.ResponseWriter, r *http.Request) {
        rows, err := db.Query("SELECT id, nama, harga, deskripsi FROM
product")
        if err != nil {
            http.Error(w, err.Error(), http.StatusInternalServerError)
            return
        }
        defer rows.Close()

        var products []Product
        for rows.Next() {
            var product Product

            err = rows.Scan(
                &product.Id,
                &product.Nama,
                &product.Harga,
                &product.Deskripsi,
            )
            if err != nil {
                http.Error(w, err.Error(),
http.StatusInternalServerError)
                return
            }

            products = append(products, product)
        }

        fp := filepath.Join("views", "index.html")
        tmpl, err := template.ParseFiles(fp)
        if err != nil {
            http.Error(w, err.Error(), http.StatusInternalServerError)
            return
        }
    }
}
```

```

        }

        data := struct {
            Products []Product
        }{
            Products: products,
        }

        err = tmpl.Execute(w, data)
        if err != nil {
            http.Error(w, err.Error(), http.StatusInternalServerError)
            return
        }
    }
}

func NewUpdateProductController(db *sql.DB) func(w http.ResponseWriter, r *http.Request) {
    return func(w http.ResponseWriter, r *http.Request) {
        if r.Method == "POST" {
            id := r.URL.Query().Get("id")
            r.ParseForm()

            nama := r.Form["nama"][0]
            harga := r.Form["harga"][0]
            deskripsi := r.Form["deskripsi"][0]
            _, err := db.Exec("UPDATE product SET nama=?, harga=?,
deskripsi=? WHERE id=?", nama, harga, deskripsi, id)
            if err != nil {
                w.Write([]byte(err.Error()))
                w.WriteHeader(http.StatusInternalServerError)
                return
            }

            http.Redirect(w, r, "/product",
http.StatusMovedPermanently)
            return
        } else if r.Method == "GET" {
            id := r.URL.Query().Get("id")

            row := db.QueryRow("SELECT nama, harga, deskripsi FROM
product WHERE id = ?", id)
            if row.Err() != nil {
                w.Write([]byte(row.Err().Error()))
                w.WriteHeader(http.StatusInternalServerError)
                return
            }

            var product Product
            err := row.Scan(
                &product>Nama,
                &product>Harga,
                &product>Deskripsi,
            )
            product.Id = id
            if err != nil {
                w.Write([]byte(row.Err().Error()))
                w.WriteHeader(http.StatusInternalServerError)
                return
            }

            fp := filepath.Join("views", "update.html")
        }
    }
}

```

```

        tmpl, err := template.ParseFiles(fp)
        if err != nil {
            w.Write([]byte(err.Error()))
            w.WriteHeader(http.StatusInternalServerError)
            return
        }

        data := make(map[string]any)
        data["product"] = product

        err = tmpl.Execute(w, data)
        if err != nil {
            w.Write([]byte(err.Error()))
            w.WriteHeader(http.StatusInternalServerError)
            return
        }
    }
}

func NewDeleteProductController(db *sql.DB) func(w http.ResponseWriter, r *http.Request) {
    return func(w http.ResponseWriter, r *http.Request) {
        // Get ID parameter from query string
        id := r.URL.Query().Get("id")

        // Execute delete query
        _, err := db.Exec("DELETE FROM product WHERE id = ?", id)
        if err != nil {
            http.Error(w, err.Error(), http.StatusInternalServerError)
            return
        }

        // Redirect to product list page
        http.Redirect(w, r, "/product", http.StatusSeeOther)
    }
}

func NewCreateProductController(db *sql.DB) func(w http.ResponseWriter, r *http.Request) {
    return func(w http.ResponseWriter, r *http.Request) {
        if r.Method == "POST" {
            r.ParseForm()

            name := r.Form["nama"][0]
            harga := r.Form["harga"][0]
            deskripsi := r.Form["deskripsi"][0]
            _, err := db.Exec("INSERT INTO product (nama, harga, deskripsi) VALUES (?, ?, ?)", name, harga, deskripsi)
            if err != nil {
                w.Write([]byte(err.Error()))
                w.WriteHeader(http.StatusInternalServerError)
                return
            }

            http.Redirect(w, r, "/product",
http.StatusMovedPermanently)
            return
        } else if r.Method == "GET" {
            rows, err := db.Query("SELECT id, nama, harga, deskripsi FROM product")
            if err != nil {

```

```

        w.Write([]byte(err.Error()))
        w.WriteHeader(http.StatusInternalServerError)
        return
    }
    defer rows.Close()

    var products []Product
    for rows.Next() {
        var product Product
        err := rows.Scan(&product.Id, &product>Nama,
&product.Harga, &product.Deskripsi)
        if err != nil {
            w.Write([]byte(err.Error()))
        }
        products = append(products, product)
    }

    fp := filepath.Join("views", "create.html")
    tmpl, err := template.ParseFiles(fp)
    if err != nil {
        w.Write([]byte(err.Error()))
        w.WriteHeader(http.StatusInternalServerError)
        return
    }

    err = tmpl.Execute(w, products)
    if err != nil {
        w.Write([]byte(err.Error()))
        w.WriteHeader(http.StatusInternalServerError)
        return
    }
}

}

// DashboardPage menampilkan halaman dashboard
func DashboardPage(w http.ResponseWriter, r *http.Request) {
    fp := filepath.Join("views", "dashboard.html")
    tmpl, err := template.ParseFiles(fp)
    if err != nil {
        http.Error(w, err.Error(), http.StatusInternalServerError)
        return
    }

    err = tmpl.Execute(w, nil)
    if err != nil {
        http.Error(w, err.Error(), http.StatusInternalServerError)
        return
    }
}

func newIndexLandingProduct(db *sql.DB) func(w http.ResponseWriter, r
*http.Request) {
    return func(w http.ResponseWriter, r *http.Request) {
        rows, err := db.Query("SELECT id, nama, harga, deskripsi FROM
product")
        if err != nil {
            http.Error(w, err.Error(), http.StatusInternalServerError)
            return
        }
    }
}

```

```

    }
    defer rows.Close()

    var products []Product
    for rows.Next() {
        var product Product

        err = rows.Scan(
            &product.Id,
            &product>Nama,
            &product.Harga,
            &product.Deskripsi,
        )
        if err != nil {
            http.Error(w, err.Error(), http.StatusInternalServerError)
            return
        }

        products = append(products, product)
    }

    fp := filepath.Join("views", "dashboard.html")
    tmpl, err := template.ParseFiles(fp)
    if err != nil {
        http.Error(w, err.Error(), http.StatusInternalServerError)
        return
    }

    data := struct {
        Products []Product
    }{
        Products: products,
    }

    err = tmpl.Execute(w, data)
    if err != nil {
        http.Error(w, err.Error(), http.StatusInternalServerError)
        return
    }
}

type CartItem struct {
    ID          string
    ProductName string
    Kuantitas   int
    Produk      Product
    Total       int
}

func NewCreateCartController(db *sql.DB) func(w http.ResponseWriter, r *http.Request) {
    return func(w http.ResponseWriter, r *http.Request) {
        if r.Method == "POST" {
            r.ParseForm()

            productName := r.Form["ProductName"][0]
            kuantitas, err := strconv.Atoi(r.Form["Kuantitas"][0])
            if err != nil {
                http.Error(w, err.Error(), http.StatusBadRequest)
                return
            }
        }
    }
}

```

```

        }

        _, err = db.Exec("INSERT INTO cart (product_name,
kuantitas) VALUES (?, ?)", productName, kuantitas)
        if err != nil {
            http.Error(w, err.Error(),
http.StatusInternalServerError)
            return
        }

        http.Redirect(w, r, "/LandingPage/product#Unggulan",
http.StatusSeeOther)
        return
    } else if r.Method == "GET" {
        rows, err := db.Query("SELECT id, product_name, kuantitas
FROM cart")
        if err != nil {
            http.Error(w, err.Error(),
http.StatusInternalServerError)
            return
        }
        defer rows.Close()

        var cartItems []CartItem
        for rows.Next() {
            var cart CartItem
            err := rows.Scan(&cart.ID, &cart.ProductName,
&cart.Kuantitas)
            if err != nil {
                http.Error(w, err.Error(),
http.StatusInternalServerError)
                return
            }
            cartItems = append(cartItems, cart)
        }

        fp := filepath.Join("views", "cartcreate.html")
        tmpl, err := template.ParseFiles(fp)
        if err != nil {
            http.Error(w, err.Error(),
http.StatusInternalServerError)
            return
        }

        err = tmpl.Execute(w, cartItems)
        if err != nil {
            http.Error(w, err.Error(),
http.StatusInternalServerError)
            return
        }
    }
}

func ViewCart(db *sql.DB) func(w http.ResponseWriter, r *http.Request) {
    return func(w http.ResponseWriter, r *http.Request) {
        rows, err := db.Query(`

SELECT c.id, c.product_name, c.kuantitas, p.nama, p.harga,
p.deskripsi
FROM cart c
JOIN product p ON c.product_name = p.nama`)
        if err != nil {

```

```

        http.Error(w, err.Error(), http.StatusInternalServerError)
        return
    }
    defer rows.Close()

    var cartItems []CartItem
    for rows.Next() {
        var item CartItem
        err := rows.Scan(&item.ID, &item.ProductName,
&item.Kuantitas, &item.Produk>Nama, &item.Produk.Harga,
&item.Produk.Deskripsi)
        if err != nil {
            http.Error(w, err.Error(),
http.StatusInternalServerError)
            return
        }
        // Konversi harga produk ke tipe int
        harga, err := strconv.Atoi(item.Produk.Harga)
        if err != nil {
            http.Error(w, err.Error(),
http.StatusInternalServerError)
            return
        }
        item.Total = item.Kuantitas * harga // Hitung total harga
        cartItems = append(cartItems, item)
    }

    fp := filepath.Join("views", "cart.html")
    tmpl, err := template.ParseFiles(fp)
    if err != nil {
        http.Error(w, err.Error(), http.StatusInternalServerError)
        return
    }

    data := struct {
        CartItems []CartItem
    }{
        CartItems: cartItems,
    }

    err = tmpl.Execute(w, data)
    if err != nil {
        http.Error(w, err.Error(), http.StatusInternalServerError)
        return
    }
}

func NewUpdateCartController(db *sql.DB) func(w http.ResponseWriter, r *http.Request) {
    return func(w http.ResponseWriter, r *http.Request) {
        if r.Method == "POST" {
            id := r.FormValue("id")
            kuantitasStr := r.FormValue("kuantitas")
            kuantitas, err := strconv.Atoi(kuantitasStr)
            if err != nil {
                http.Error(w, err.Error(), http.StatusBadRequest)
                return
            }

            _, err = db.Exec("UPDATE cart SET kuantitas=? WHERE id=?",
kuantitas, id)
        }
    }
}

```

```

        if err != nil {
            http.Error(w, err.Error(),
http.StatusInternalServerError)
            return
        }

        http.Redirect(w, r, "/cart", http.StatusSeeOther)
        return
    } else if r.Method == "GET" {
        id := r.URL.Query().Get("id")

        row := db.QueryRow(`SELECT c.id, c.product_name, c.kuantitas, p.nama, p.harga,
p.deskripsi
        FROM cart c
        JOIN product p ON c.product_name = p.nama
        WHERE c.id = ?`, id)
        if row.Err() != nil {
            http.Error(w, row.Err().Error(),
http.StatusInternalServerError)
            return
        }

        var item CartItem
        err := row.Scan(&item.ID, &item.ProductName,
&item.Kuantitas, &item.Produk>Nama, &item.Produk.Harga,
&item.Produk.Deskripsi)
        if err != nil {
            http.Error(w, err.Error(),
http.StatusInternalServerError)
            return
        }

        fp := filepath.Join("views", "cartupdate.html")
        tmpl, err := template.ParseFiles(fp)
        if err != nil {
            http.Error(w, err.Error(),
http.StatusInternalServerError)
            return
        }

        data := struct {
            Cart CartItem
        }{
            Cart: item,
        }

        err = tmpl.Execute(w, data)
        if err != nil {
            http.Error(w, err.Error(),
http.StatusInternalServerError)
            return
        }
    }
}

func NewDeleteCartController(db *sql.DB) http.HandlerFunc {
    return func(w http.ResponseWriter, r *http.Request) {
        id := r.URL.Query().Get("id")
        if id == "" {
            http.Error(w, "ID parameter is required",

```

```

http.StatusBadRequest)
    return
}

_, err := db.Exec("DELETE FROM cart WHERE id = ?", id)
if err != nil {
    http.Error(w, err.Error(), http.StatusInternalServerError)
    return
}

http.Redirect(w, r, "/cart", http.StatusSeeOther)
}
}

type CheckoutData struct {
    CartItems []CartItem
    Total      int
    Timestamp string
    Username   string
}

func CheckoutSuccess(db *sql.DB) http.HandlerFunc {
    return func(w http.ResponseWriter, r *http.Request) {
        // Ambil username dari cookie
        cookie, err := r.Cookie("username")
        if err != nil {
            http.Error(w, "Unable to retrieve username",
http.StatusInternalServerError)
            return
        }
        username := cookie.Value
        fmt.Println("Username:", username) // Tambahkan ini untuk
debugging

        // Retrieve cart items from the database
        rows, err := db.Query(`SELECT c.id, c.product_name, c.kuantitas, p.harga
FROM cart c
JOIN product p ON c.product_name = p.nama`)
        if err != nil {
            http.Error(w, err.Error(), http.StatusInternalServerError)
            return
        }
        defer rows.Close()

        var cartItems []CartItem
        var totalAmount int

        // Prepare the SQL transaction
        tx, err := db.Begin()
        if err != nil {
            http.Error(w, err.Error(), http.StatusInternalServerError)
            return
        }
        defer func() {
            if err != nil {
                tx.Rollback()
                http.Error(w, err.Error(),
http.StatusInternalServerError)
                return
            }
        }
    }
}

```

```

        // Commit the transaction if no errors occurred
        err = tx.Commit()
        if err != nil {
            http.Error(w, err.Error(),
http.StatusInternalServerError)
            return
        }

        // Clear the cart after successful checkout
        _, err = db.Exec("DELETE FROM cart")
        if err != nil {
            http.Error(w, err.Error(),
http.StatusInternalServerError)
            return
        }
    }()

    // Iterate through cart items and calculate totals
    for rows.Next() {
        var cartItem CartItem
        var product Product

        // Scan data from row
        err := rows.Scan(&cartItem.ID, &cartItem.ProductName,
&cartItem.Kuantitas, &product.Harga)
        if err != nil {
            http.Error(w, err.Error(),
http.StatusInternalServerError)
            return
        }

        // Assign related product data
        cartItem.Produk = product

        // Convert product price to int
        harga, err := strconv.Atoi(product.Harga)
        if err != nil {
            http.Error(w, err.Error(),
http.StatusInternalServerError)
            return
        }

        cartItem.Total = cartItem.Kuantitas * harga // Calculate
total price
        cartItems = append(cartItems, cartItem)
        totalAmount += cartItem.Total
    }

    // Format timestamp to "YYYY-MM-DD HH:mm:ss"
    timestamp := time.Now().Format("2006-01-02 15:04:05")

    // Data for template
    data := CheckoutData{
        CartItems: cartItems,
        Total: totalAmount,
        Timestamp: timestamp,
        Username: username,
    }

    // Render template
    fp := filepath.Join("views", "checkout_success.html")

```

```

        tmpl, err := template.ParseFiles(fp)
        if err != nil {
            http.Error(w, err.Error(), http.StatusInternalServerError)
            return
        }

        err = tmpl.Execute(w, data)
        if err != nil {
            http.Error(w, err.Error(), http.StatusInternalServerError)
            return
        }
    }
}

// DashboardPage menampilkan halaman dashboard
func DashboardPageAdmin(w http.ResponseWriter, r *http.Request) {
    fp := filepath.Join("views", "LandingPageAdmin.html")
    tmpl, err := template.ParseFiles(fp)
    if err != nil {
        http.Error(w, err.Error(), http.StatusInternalServerError)
        return
    }

    err = tmpl.Execute(w, nil)
    if err != nil {
        http.Error(w, err.Error(), http.StatusInternalServerError)
        return
    }
}

```

### 3.4.2. Database

*Tabel 3.4.2.1 database.go*

#### database.go

```

package database

import (
    "database/sql"
    "log"

    _ "github.com/go-sql-driver/mysql"
)

// InitDatabase initializes the database connection and returns the connection
// pool.
func InitDatabase() *sql.DB {
    // Data Source Name (DSN):
    username:password@protocol(address)/dbname?param=value
    // Update the DSN string with your actual database connection details.
    dsn := "root:root@tcp(localhost:8889)/agen"
    db, err := sql.Open("mysql", dsn)
    if err != nil {
        log.Fatal("Failed to open database connection:", err)
    }

    // Ping the database to ensure the connection is established
    err = db.Ping()
    if err != nil {

```

```

        log.Fatal("Failed to connect to the database:", err)
    }

    return db
}

```

### 3.4.3. Handlers

*Tabel 3.4.3.1 dashboard.go*

dashboard.go
<pre> package handlers  import (     "database/sql"     "html/template"     "net/http"     "path/filepath" )  type Product struct {     Id      string     Nama   string     Harga  string     Deskripsi string }  // DashboardPage menampilkan halaman dashboard dengan produk unggulan func DashboardPage(db *sql.DB) http.HandlerFunc {     return func(w http.ResponseWriter, r *http.Request) {         rows, err := db.Query("SELECT id, nama, harga, deskripsi FROM product")         if err != nil {             http.Error(w, err.Error(), http.StatusInternalServerError)             return         }         defer rows.Close()          var products []Product         for rows.Next() {             var product Product             err = rows.Scan(&amp;product.Id, &amp;product.Nama,                 &amp;product.Harga, &amp;product.Deskripsi)             if err != nil {                 http.Error(w, err.Error(),                     http.StatusInternalServerError)                 return             }             products = append(products, product)         }          fp := filepath.Join("views", "dashboard.html")         tmpl, err := template.ParseFiles(fp)         if err != nil {             http.Error(w, err.Error(), http.StatusInternalServerError)             return         }          data := struct { </pre>

```

        Products []Product
    } {
        Products: products,
    }

    err = tmpl.Execute(w, data)
    if err != nil {
        http.Error(w, err.Error(), http.StatusInternalServerError)
        return
    }
}
}

```

Tabel 3.4.3.2 user&admin.go

### user&admin.go

```

package handlers

import (
    "database/sql"
    "encoding/json"
    "net/http"
    "path/filepath"
    "text/template"

    "golang.org/x/crypto/bcrypt"
)

// SignUpPage menampilkan halaman sign up
func SignUpPage(w http.ResponseWriter, r *http.Request) {
    fp := filepath.Join("views", "signup.html")
    tmpl, err := template.ParseFiles(fp)
    if err != nil {
        http.Error(w, "Unable to load sign up page",
        http.StatusInternalServerError)
        return
    }

    err = tmpl.Execute(w, nil)
    if err != nil {
        http.Error(w, "Unable to render sign up page",
        http.StatusInternalServerError)
        return
    }
}

// SignUpHandler memproses form sign up
func SignUpHandler(db *sql.DB) http.HandlerFunc {
    return func(w http.ResponseWriter, r *http.Request) {
        if r.Method == http.MethodPost {
            err := r.ParseForm()
            if err != nil {
                http.Error(w, "Invalid form submission",
                http.StatusBadRequest)
                return
            }

            username := r.FormValue("username")
            password := r.FormValue("password")
        }
    }
}

```

```

        // Check if username already exists
        var exists bool
        err = db.QueryRow("SELECT EXISTS(SELECT 1 FROM pengguna
WHERE username = ?)", username).Scan(&exists)
        if err != nil {
            http.Error(w, "Internal server error",
http.StatusInternalServerError)
            return
        }
        if exists {
            http.Error(w, "Username sudah digunakan",
http.StatusConflict)
            return
        }

        // Hash password sebelum disimpan di database
        hashedPassword, err :=
bcrypt.GenerateFromPassword([]byte(password), bcrypt.DefaultCost)
        if err != nil {
            http.Error(w, "Internal server error",
http.StatusInternalServerError)
            return
        }

        // Simpan username dan hashed password di database
        _, err = db.Exec("INSERT INTO pengguna (username,
password) VALUES (?,?)", username, hashedPassword)
        if err != nil {
            http.Error(w, "Internal server error",
http.StatusInternalServerError)
            return
        }

        // Arahkan pengguna ke halaman login setelah berhasil
mendaftar
        http.Redirect(w, r, "/login", http.StatusSeeOther)
    } else {
        http.Error(w, "Method not allowed",
http.StatusMethodNotAllowed)
    }
}

// CheckUsernameHandler untuk memeriksa apakah username sudah ada
func CheckUsernameHandler(db *sql.DB) http.HandlerFunc {
    return func(w http.ResponseWriter, r *http.Request) {
        username := r.URL.Query().Get("username")
        var exists bool
        err := db.QueryRow("SELECT EXISTS(SELECT 1 FROM pengguna WHERE
username = ?)", username).Scan(&exists)
        if err != nil {
            http.Error(w, "Internal server error",
http.StatusInternalServerError)
            return
        }

        response := map[string]bool{"exists": exists}
        w.Header().Set("Content-Type", "application/json")
        json.NewEncoder(w).Encode(response)
    }
}

```

```

// LoginPage menampilkan halaman login
func LoginPage(w http.ResponseWriter, r *http.Request) {
    fp := filepath.Join("views", "login.html")
    tmpl, err := template.ParseFiles(fp)
    if err != nil {
        http.Error(w, "Unable to load login page",
http.StatusInternalServerError)
        return
    }

    err = tmpl.Execute(w, nil)
    if err != nil {
        http.Error(w, "Unable to render login page",
http.StatusInternalServerError)
        return
    }
}

// LoginHandler memproses form login
func LoginHandler(db *sql.DB) http.HandlerFunc {
    return func(w http.ResponseWriter, r *http.Request) {
        if r.Method == http.MethodPost {
            err := r.ParseForm()
            if err != nil {
                http.Error(w, "Invalid form submission",
http.StatusBadRequest)
                return
            }

            username := r.FormValue("username")
            password := r.FormValue("password")

            var hashedPassword string
            err = db.QueryRow("SELECT password FROM pengguna WHERE
username = ?", username).Scan(&hashedPassword)
            if err != nil {
                if err == sql.ErrNoRows {
                    http.Error(w, "Invalid username or
password", http.StatusUnauthorized)
                    return
                }
                http.Error(w, "Internal server error",
http.StatusInternalServerError)
                return
            }

            err =
bcrypt.CompareHashAndPassword([]byte(hashedPassword), []byte(password))
            if err != nil {
                http.Error(w, "Invalid username or password",
http.StatusUnauthorized)
                return
            }

            // Simpan username dalam cookie
            http.SetCookie(w, &http.Cookie{
                Name: "username",
                Value: username,
                Path: "/",
            })
        }
    }
}

```

```

        http.Redirect(w, r, "/LandingPage/product",
http.StatusSeeOther)
    } else {
        http.Error(w, "Method not allowed",
http.StatusMethodNotAllowed)
    }
}

// SignUpPage menampilkan halaman sign up
func SignUpPageAdmin(w http.ResponseWriter, r *http.Request) {
    fp := filepath.Join("views", "signupAdmin.html")
    tmpl, err := template.ParseFiles(fp)
    if err != nil {
        http.Error(w, "Unable to load sign up page",
http.StatusInternalServerError)
        return
    }

    err = tmpl.Execute(w, nil)
    if err != nil {
        http.Error(w, "Unable to render sign up page",
http.StatusInternalServerError)
        return
    }
}

// SignUpHandler memproses form sign up
func SignUpHandlerAdmin(db *sql.DB) http.HandlerFunc {
    return func(w http.ResponseWriter, r *http.Request) {
        if r.Method == http.MethodPost {
            err := r.ParseForm()
            if err != nil {
                http.Error(w, "Invalid form submission",
http.StatusBadRequest)
                return
            }

            username := r.FormValue("username")
            password := r.FormValue("password")

            // Check if username already exists
            var exists bool
            err = db.QueryRow("SELECT EXISTS(SELECT 1 FROM admin WHERE
username = ?)", username).Scan(&exists)
            if err != nil {
                http.Error(w, "Internal server error",
http.StatusInternalServerError)
                return
            }
            if exists {
                http.Error(w, "Username sudah digunakan",
http.StatusConflict)
                return
            }

            // Hash password sebelum disimpan di database
            hashedPassword, err :=
bcrypt.GenerateFromPassword([]byte(password), bcrypt.DefaultCost)
            if err != nil {
                http.Error(w, "Internal server error",
http.StatusInternalServerError)
            }
        }
    }
}

```

```

        return
    }

    // Simpan username dan hashed password di database
    _, err = db.Exec("INSERT INTO admin (username, password)
VALUES (?, ?)", username, hashedPassword)
    if err != nil {
        http.Error(w, "Internal server error",
http.StatusInternalServerError)
        return
    }

    // Arahkan pengguna ke halaman login setelah berhasil
mendaftar
    http.Redirect(w, r, "/login/admin", http.StatusSeeOther)
} else {
    http.Error(w, "Method not allowed",
http.StatusMethodNotAllowed)
}
}

// CheckUsernameHandler untuk memeriksa apakah username sudah ada
func CheckUsernameHandlerAdmin(db *sql.DB) http.HandlerFunc {
    return func(w http.ResponseWriter, r *http.Request) {
        username := r.URL.Query().Get("username")
        var exists bool
        err := db.QueryRow("SELECT EXISTS(SELECT 1 FROM admin WHERE
username = ?)", username).Scan(&exists)
        if err != nil {
            http.Error(w, "Internal server error",
http.StatusInternalServerError)
            return
        }

        response := map[string]bool{"exists": exists}
        w.Header().Set("Content-Type", "application/json")
        json.NewEncoder(w).Encode(response)
    }
}

// LoginPage menampilkan halaman login
func LoginPageAdmin(w http.ResponseWriter, r *http.Request) {
    fp := filepath.Join("views", "loginAdmin.html")
    tmpl, err := template.ParseFiles(fp)
    if err != nil {
        http.Error(w, "Unable to load login page",
http.StatusInternalServerError)
        return
    }

    err = tmpl.Execute(w, nil)
    if err != nil {
        http.Error(w, "Unable to render login page",
http.StatusInternalServerError)
        return
    }
}

// LoginHandler memproses form login
func LoginHandlerAdmin(db *sql.DB) http.HandlerFunc {
    return func(w http.ResponseWriter, r *http.Request) {

```

```

        if r.Method == http.MethodPost {
            err := r.ParseForm()
            if err != nil {
                http.Error(w, "Invalid form submission",
http.StatusBadRequest)
                return
            }

            username := r.FormValue("username")
            password := r.FormValue("password")

            var hashedPassword string
            err = db.QueryRow("SELECT password FROM admin WHERE
username = ?", username).Scan(&hashedPassword)
            if err != nil {
                if err == sql.ErrNoRows {
                    http.Error(w, "Invalid username or
password", http.StatusUnauthorized)
                    return
                }
                http.Error(w, "Internal server error",
http.StatusInternalServerError)
                return
            }

            err =
bcrypt.CompareHashAndPassword([]byte(hashedPassword), []byte(password))
            if err != nil {
                http.Error(w, "Invalid username or password",
http.StatusUnauthorized)
                return
            }

            // Simpan username dalam cookie
            http.SetCookie(w, &http.Cookie{
                Name: "username",
                Value: username,
                Path: "/",
            })

            http.Redirect(w, r, "/LandingPage/admin",
http.StatusSeeOther)
        } else {
            http.Error(w, "Method not allowed",
http.StatusMethodNotAllowed)
        }
    }
}

```

#### 3.4.4. Middleware

*Tabel 3.4.4.1 auth.go*

<b>auth.go</b>
<pre> package middleware  import (     "net/http" ) </pre>

```

func Auth(next http.Handler) http.Handler {
    return http.HandlerFunc(func(w http.ResponseWriter, r *http.Request) {
        // Periksa apakah cookie username ada
        _, err := r.Cookie("username")
        if err != nil {
            http.Redirect(w, r, "/login", http.StatusSeeOther)
            return
        }

        // Lanjutkan ke handler berikutnya
        next.ServeHTTP(w, r)
    })
}

```

### 3.4.5. Routes

*Tabel 3.4.5.1 routes.go*

<b>routes.go</b>
<pre> package middleware package routes  import (     "database/sql"     "net/http"      "github.com/salwakhairu/Tugas-Besar-PBW-Sistem-Karyawan/controller"     "github.com/salwakhairu/Tugas-Besar-PBW-Sistem-Karyawan/handlers" )  // MapRoutes maps all HTTP routes func MapRoutes(server *http.ServeMux, db *sql.DB) {     server.HandleFunc("/", handlers.LoginPage)     server.HandleFunc("/signup", handlers.SignUpPage)     server.HandleFunc("/signup/submit", handlers.SignUpHandler(db))     server.HandleFunc("/check-username", handlers.CheckUsernameHandler(db))     server.HandleFunc("/login", handlers.LoginPage)     server.HandleFunc("/login/submit", handlers.LoginHandler(db))     server.HandleFunc("/LandingPage", controller.DashboardPage)     server.HandleFunc("/LandingPage/product",         controller.NewIndexLandingProduct(db))     server.HandleFunc("/cart", controller.ViewCart(db))     server.HandleFunc("/cart/create",         controller.NewCreateCartController(db))     server.HandleFunc("/cart/update",         controller.NewUpdateCartController(db))     server.HandleFunc("/cart/delete",         controller.NewDeleteCartController(db))     server.HandleFunc("/checkout/success", controller.CheckoutSuccess(db))      server.HandleFunc("/signup/admin", handlers.SignUpPageAdmin)     server.HandleFunc("/signup/submit/admin",         handlers.SignUpHandlerAdmin(db))     server.HandleFunc("/check-username/admin",         handlers.CheckUsernameHandlerAdmin(db))     server.HandleFunc("/login/admin", handlers.LoginPageAdmin)     server.HandleFunc("/login/submit/admin",         handlers.LoginHandlerAdmin(db)) } </pre>

```

    server.HandleFunc("/LandingPage/admin", controller.DashboardPageAdmin)
    server.HandleFunc("/product", controller.NewIndexProduct(db))
    server.HandleFunc("/product/create",
controller.NewCreateProductController(db))
    server.HandleFunc("/product/update",
controller.NewUpdateProductController(db))
    server.HandleFunc("/product/delete",
controller.NewDeleteProductController(db))
}

```

### 3.4.6. Views

*Tabel 3.4.6.1 cart.html*

<b>cart.html</b>
<pre> &lt;!DOCTYPE html&gt; &lt;html lang="en"&gt; &lt;head&gt;     &lt;meta charset="UTF-8"&gt;     &lt;meta name="viewport" content="width=device-width, initial-scale=1.0"&gt;     &lt;title&gt;Keranjang Belanja&lt;/title&gt;     &lt;link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" &gt;     &lt;link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&amp;display=swa p" rel="stylesheet"&gt;     &lt;style&gt;         body {             background-color: #f0f4f8;             color: #333;             font-family: 'Roboto', sans-serif;         }         .container {             margin-top: 30px;         }         h1 {             font-size: 2.5rem;             font-weight: 700;             color: #000080;             text-align: center;             margin-bottom: 30px;         }         .btn-success {             background-color: #448a0b;             color: #fff;             border: none;             font-weight: bold;         }         .btn-custom:hover {             background-color: #000000;         }         .btn-primary {             background-color: #333;             color: #fff;             border: none;             font-weight: bold;         }         .table-custom { </pre>

```

        border: 1px solid #ddd;
        box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
        background-color: #fff;
        border-radius: 10px;
        overflow: hidden;
    }
    .table-custom th,
    .table-custom td {
        vertical-align: middle;
        padding: 15px;
    }
    .table-custom th {
        background-color: #000080;
        color: #fff;
        font-weight: bold;
    }
    .table-custom tbody tr:hover {
        background-color: #f0f0f0;
    }
    .form-checkout {
        text-align: center;
        margin-top: 30px;
    }
    .btn-custom {
        padding: 10px 20px;
        font-size: 1.2rem;
        margin-bottom: 10px;
    }
    .back-to-landing {
        text-align: center;
        margin-top: 20px;
    }
    .back-to-landing .btn-custom {
        padding: 10px 20px;
        font-size: 1.2rem;
    }

```

</style>

</head>

<body>

```

<div class="container">
    <h1>Keranjang Belanja</h1>
    <table class="table table-striped table-hover table-custom">
        <thead>
            <tr>
                <th>Nama Produk</th>
                <th>Kuantitas</th>
                <th>Harga Satuan</th>
                <th>Total</th>
                <th>Aksi</th>
            </tr>
        </thead>
        <tbody>
            {{ range .CartItems }}
            <tr>
                <td>{{ .Produk>Nama }}</td>
                <td>{{ .Kuantitas }}</td>
                <td>{{ .Produk>Harga }}</td>
                <td>{{ .Total }}</td>
                <td>
                    <a href="/cart/update?id={{ .ID }}" class="btn btn-warning btn-sm" onclick="return confirm('Anda yakin ingin mengubah produk ini?')">Ubah</a>
                </td>
            </tr>
        {{ end }}
    </tbody>

```

```

        <a href="/cart/delete?id={{ .ID }}" class="btn btn-
danger btn-sm" onclick="return confirm('Anda yakin ingin menghapus produk
ini?')">Hapus</a>
    </td>
</tr>
{{ end }}
</tbody>
</table>

<div class="form-checkout">
    <form action="/checkout/success" method="post">
        <button type="submit" class="btn btn-success btn-
custom">Checkout</button>
    </form>
</div>


<div class="back-to-landing">
    <a href="/LandingPage/product#Unggulan" class="btn btn-primary
btn-custom">Kembali</a>
</div>
</div>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.
js"></script>
</body>
</html>

```

Tabel 3.4.6.2 cartcreate.html

### cartcreate.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Tambah Ke Keranjang</title>
    <link rel="stylesheet"
    href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
    >
    <link
    href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&display=swa
p" rel="stylesheet">
    <style>
        body {
            background-color: #f0f4f8;
            font-family: 'Roboto', sans-serif;
            color: #333;
        }
        .container {
            margin-top: 50px;
            max-width: 600px;
            background: #fff;
            padding: 30px;
            border-radius: 10px;
            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
        }
        h1 {

```

```

        font-size: 2rem;
        font-weight: 700;
        color: #000080;
        margin-bottom: 20px;
        text-align: center;
    }
    .form-label {
        font-weight: bold;
        color: #333;
    }
    .form-control {
        border-radius: 5px;
        border: 1px solid #ddd;
        padding: 10px;
        font-size: 1rem;
    }
    .btn-primary {
        background-color: #000080;
        border: none;
        font-weight: bold;
        padding: 10px 20px;
        font-size: 1rem;
        border-radius: 5px;
        width: 100%;
    }
    .btn-primary:hover {
        background-color: #333;
    }

```

</style>

</head>

<body>

```

<div class="container">
    <h1>Tambah Ke Keranjang</h1>
    <form action="/cart/create" method="post">
        <div class="mb-3">
            <label for="ProductName" class="form-label">Nama
Produk</label>
            <input type="text" class="form-control" id="ProductName"
name="ProductName" required>
        </div>
        <div class="mb-3">
            <label for="Kuantitas" class="form-label">Kuantitas</label>
            <input type="number" class="form-control" id="Kuantitas"
name="Kuantitas" required>
        </div>
        <button type="submit" class="btn btn-primary">Tambah</button>
    </form>
</div>

```

</body>

</html>

Tabel 3.4.6.3 cartupdate.html

### cartupdate.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

```

```

<title>Update Kuantitas Produk</title>
<link rel="stylesheet"
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
>
<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&display=swa
p" rel="stylesheet">
<style>
    body {
        background-color: #f0f4f8;
        font-family: 'Roboto', sans-serif;
        color: #333;
    }
    .container {
        margin-top: 50px;
        max-width: 600px;
        background: #fff;
        padding: 30px;
        border-radius: 10px;
        box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
    }
    h1 {
        font-size: 2rem;
        font-weight: 700;
        color: #000080;
        margin-bottom: 20px;
        text-align: center;
    }
    .form-label {
        font-weight: bold;
        color: #333;
    }
    .form-control {
        border-radius: 5px;
        border: 1px solid #ddd;
        padding: 10px;
        font-size: 1rem;
    }
    .btn-primary {
        background-color: #000080;
        border: none;
        font-weight: bold;
        padding: 10px 20px;
        font-size: 1rem;
        border-radius: 5px;
        width: 100%;
    }
    .btn-primary:hover {
        background-color: #333;
    }
</style>
</head>
<body>
    <div class="container">
        <h1>Ubah Kuantitas Produk</h1>
        <form action="/cart/update" method="post">
            <input type="hidden" name="id" value="{{ .Cart.ID }}>
            <div class="mb-3">
                <label for="quantity" class="form-label">Kuantitas</label>
                <input type="number" id="quantity" name="kuantitas"
class="form-control" value="{{ .Cart.Kuantitas }}" min="1" required>
            </div>
    </div>
</body>

```

```

        <button type="submit" class="btn btn-primary">Ubah</button>
    </form>
</div>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>

```

*Tabel 3.4.6.4 checkout\_success.html*

#### **checkout\_success.html**

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Checkout Berhasil</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css" integrity="sha512-jyox2P6Tc2VX8UCkU5W0lrxYhG6S/jG7Uaf1MjHNbQ+R3BqjPVjU3QpfAr9aYeOEFr3p+PGNRVJ7PLT6t7M38A==" crossorigin="anonymous" referrerPolicy="no-referrer" />
    <style>
        body {
            font-family: 'Arial', sans-serif;
            background: linear-gradient(to right, #dae1e9, #ffffff);
            margin: 0;
            padding: 20px;
            display: flex;
            justify-content: center;
            align-items: center;
            min-height: 100vh;
        }
        .container {
            width: 90%;
            max-width: 900px;
            background: #fff;
            padding: 20px;
            border-radius: 10px;
            box-shadow: 0 4px 12px rgba(0, 0, 0, 0.1);
            background-color: #fefefe;
        }
        h1 {
            text-align: center;
            margin-bottom: 20px;
            color: #ff4500;
            font-family: 'Arial Black', sans-serif;
            font-size: 2em;
        }
        .pemesan p {
            margin: 5px 0;
        }
        .pemesan strong {
            color: #333;
        }
        .cart-item {
            border-bottom: 1px solid #ccc;
            padding: 15px 0;
        }
    </style>

```

```
}

.cart-item:last-child {
    border-bottom: none;
}
.item-details {
    display: flex;
    justify-content: space-between;
    margin-bottom: 8px;
    color: #555;
}
.item-details span {
    font-weight: bold;
}
.total {
    font-family: 'Arial', sans-serif;
    text-align: right;
    font-size: 1.2em;
    margin-top: 20px;
    border-top: 1px solid #ddd;
    padding-top: 10px;
    color: #333;
    font-weight: bold;
}
.success-message {
    background-color: #000080;
    color: white;
    text-align: center;
    padding: 15px;
    margin-bottom: 20px;
    border-radius: 10px;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
    font-size: 1.1em;
}
.success-message p {
    margin: 10px 0;
}
.back-to-cart {
    text-align: center;
    margin-top: 30px;
}
.back-to-cart a {
    text-decoration: none;
    background-color: #333;
    color: white;
    padding: 10px 20px;
    border-radius: 5px;
    transition: background-color 0.3s ease;
    font-weight: bold;
    font-size: 1em;
}
.back-to-cart a:hover {
    background-color: #555;
}
.pemesan {
    margin-top: 20px;
    text-align: center;
    font-size: 1.2em;
    color: #444;
    font-weight: bold;
    background-color: #f9f9f9;
    padding: 10px;
    border-radius: 8px;
```

```

        box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
    }

```

```

</style>
</head>
<body>
    <div class="container">
        <div class="success-message">
            <h1>Checkout Berhasil!</h1>
            <p>Terima kasih {{.Username}} telah berbelanja di toko kami</p>
        </div>
        <div class="pemesan">
            <p>Pemesan: <strong>{{.Username}}</strong></p>
            <p>{{.Timestamp}}</p>
        </div>
        <div class="cart-items">
            {{ range .CartItems }}
            <div class="cart-item">
                <div class="item-details">
                    <span>Nama Produk:</span>
                    <span>{{ .ProductName }}</span>
                </div>
                <div class="item-details">
                    <span>Kuantitas:</span>
                    <span>{{ .Kuantitas }}</span>
                </div>
                <div class="item-details">
                    <span>Harga Satuan:</span>
                    <span>Rp {{ .Produk.Harga }}</span>
                </div>
                <div class="item-details">
                    <span>Total:</span>
                    <span>Rp {{ .Total }}</span>
                </div>
            </div>
            {{ end }}
        </div>
        <div class="total">
            <span>Total Keseluruhan: Rp {{ .Total }}</span>
        </div>
        <div class="back-to-cart">
            <a href="/LandingPage/product#Unggulan">
                <i class="fas fa-arrow-left"></i> Kembali
            </a>
        </div>
    </div>
</body>
</html>

```

Tabel 3.4.6.5 create.html

### create.html

```

<!DOCTYPE html>
<html lang="en">
    <head>
        <!-- Required meta tags -->
        <meta charset="UTF-8" />
        <meta name="viewport" content="width=device-width, initial-scale=1" />

```

```

<title>Tambah Produk Baru</title>

```

```

<!-- Bootstrap CSS -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztCQTwFspd3yD65VohhpuuCOMLASjC" crossorigin="anonymous" />

<!-- Google Fonts -->
<link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;600&display=swap" rel="stylesheet" />

<!-- AOS (Animate On Scroll) -->
<link rel="stylesheet" href="https://unpkg.com/aos@next/dist-aos.css" />
<!-- Feather Icons -->
<script src="https://unpkg.com/feather-icons"></script>
<!-- CSS -->
<style>
    .btn-primary {
        background-color: #000080;
        border-color: #000080;
        font-size: 0.9rem;
        font-weight: 600;
    }
    .btn-primary:hover {
        background-color: #000080;
        border-color: #000080;
        color: #ef8b10;
        font-weight: 600;
    }
    .btn-secondary {
        background-color: #767676;
        font-size: 0.8rem;
        font-weight: 600;
    }
    .btn-secondary:hover {
        background-color: #000000;
        border-color: #000000;
        color: #ffffff;
        font-weight: 600;
    }
    .navbar {
        background-color: #000080;
        padding: 1rem 0;
    }
    .navbar-brand {
        color: #ef8b10;
        font-family: "Poppins", sans-serif;
        font-size: 1.5rem;
        font-weight: 600;
    }
    .navbar-brand:hover {
        color: #eaeaea;
    }
    body {
        font-family: "Poppins", sans-serif;
        background-color: #f8f9fa;
    }

```

```

.container {
    margin-top: 2rem;
}
h3 {
    font-size: 2rem;
    font-family: "Poppins", sans-serif;
    color: #000080;
    margin-bottom: 1.5rem;
    font-weight: 600;
}
.form-label {
    font-weight: 600;
    color: #000080;
}
.form-control {
    border-color: #000080;
    font-family: "Poppins", sans-serif;
}
.btn-sm {
    padding: 0.5rem 1rem;
}
</style>
</head>

<body>
<nav class="navbar">
    <div class="container-fluid">
        <a href="/LandingPage/admin" class="navbar-brand">T O K O &nbsp;&nbsp; D N K</a>
    </div>
</nav>

<div class="container my-5">
    <div class="d-flex justify-content-between mb-4">
        <h3>Produk</h3>
    </div>

    <form action="/product/create" method="POST">
        <div class="mb-3">
            <label for="nama" class="form-label">Nama Produk</label>
            <input type="text" id="nama" name="nama" class="form-control" />
        </div>
        <div class="mb-3">
            <label for="harga" class="form-label">Harga</label>
            <input type="text" id="harga" name="harga" class="form-control" />
        </div>
        <div class="mb-3">
            <label for="deskripsi" class="form-label">Deskripsi</label>
            <textarea id="deskripsi" name="deskripsi" class="form-control"></textarea>
        </div>
        <button type="submit" class="btn btn-primary btn-sm">Tambah</button>
    </form>
    <a href="/product" class="btn btn-secondary btn-sm mt-3">Lihat Produk</a>
    <a href="/LandingPage/admin" class="btn btn-secondary btn-sm mt-3">Dashboard</a>
    </div>
<!-- Optional JavaScript; choose one of the two! -->

```

```

<!-- Option 1: Bootstrap Bundle with Popper -->
<script

src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-MrcW6ZMFYlzcLA8Nl+A7MsXsP1UYJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
    crossorigin="anonymous"
></script>
</body>
</html>

```

*Tabel 3.4.6.5 dashboard.html*

<b>dashboard.html</b>
<pre> &lt;!DOCTYPE html&gt; &lt;html lang="en"&gt; &lt;head&gt;     &lt;meta charset="UTF-8" /&gt;     &lt;meta name="viewport" content="width=device-width, initial-scale=1.0" /&gt;     &lt;title&gt;LandingPage - TOKO DNK&lt;/title&gt;     &lt;!-- MYFONTS--&gt;     &lt;link rel="preconnect" href="https://fonts.googleapis.com/" /&gt;     &lt;link rel="preconnect" href="https://fonts.gstatic.com/" crossorigin /&gt;     &lt;!-- Tambahkan link ke Font Awesome --&gt;     &lt;link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css"&gt;     &lt;!-- Bootstrap CSS --&gt;     &lt;link  href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"     rel="stylesheet"     integrity="sha384-EVSTQN3/azprG1Anm3ODgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpooCOnLASjC"     crossorigin="anonymous" /&gt; &lt;link  href="https://stackpath.bootstrapcdn.com/bootstrap/5.1.0/css/bootstrap.min.css"     rel="stylesheet" /&gt; &lt;!-- Google Fonts --&gt; &lt;link  href="https://fonts.googleapis.com/css2?family=Poppins:wght@100;200;300;600&amp;family=Viga&amp;display=swap"     rel="stylesheet" /&gt; &lt;!-- AOS (Animate On Scroll) --&gt; &lt;link rel="stylesheet" href="https://unpkg.com/aos@next/dist-aos.css" /&gt; &lt;!-- Feather Icons --&gt; &lt;script src="https://unpkg.com/feather-icons"&gt;&lt;/script&gt; &lt;!-- Custom CSS --&gt; &lt;style&gt;     body {         font-family: 'Poppins', sans-serif;         background-color: #f0f4f8; </pre>

```

        margin: 0;
        font-size: 16px;
        line-height: 1.6;
    }

    h1, h2, h3, h4, h5, h6 {
        font-family: 'Poppins', sans-serif;
    }

    p {
        margin-top: 0;
        margin-bottom: 2rem;
    }

    .navbar {
        background-color: #000080;
        padding: 10px;
    }

    .navbar-brand {
        color: #ef8b10;
        font-family: 'Viga', sans-serif;
        font-size: 2rem;
    }

    .navbar-brand:hover {
        color: #ffffff;
    }

    .links {
        margin-top: 5px;
        display: flex;
        justify-content: space-around;
        font-size: 1rem;
        font-family: 'Poppins', sans-serif;
        flex: 1; /* Menambahkan properti flex agar elemen bisa mengisi ruang yang tersedia */
    }

    .links a {
        color: #ffffff;
        text-decoration: none;
        padding: 1px 3px; /* Mengurangi padding */
        transition: color 0.3s;
        font-weight: bold;
    }

    .links a:hover {
        color: #ef8b10;
    }

    .navbar a[href*="wa.me"] {
        font-weight: bold;
        color: #ffffff;
    }

    .navbar a:hover {
        color: #ef8b10;
    }

    .navbar .navbar-nav a {
        color: white;
        display: inline-block;
        font-size: 0.7rem;
        margin: 0 0.8rem; /* Mengurangi margin */
    }

    .navbar .navbar-nav a:hover {
        color: #ef8b10;
    }

    .navbar .navbar-nav a::after {

```

```
        display: block;
        padding-bottom: 0.5rem;
        border-bottom: 0.1rem solid var(--primary);
        transform: scaleX(0);
        transition: 0.2s linear;
    }
    .navbar .navbar-nav a:hover::after {
        transform: scaleX(0.5);
    }
    .navbar .navbar-extra a {
        color: white;
        margin: 0 0.5rem;
    }
    .navbar-toggle {
        position: relative;
    }
    .navbar-nav.hidden {
        display: none;
        position: absolute;
        top: 50px;
        right: 0;
        background-color: #ffffff;
        border: 1px solid #dddddd;
        width: 200px;
        padding: 10px;
        z-index: 1000;
    }
    .navbar-nav.hidden a {
        display: block;
        padding: 10px;
        text-decoration: none;
        color: #333333;
    }
    .navbar .navbar-extra a:hover {
        color: var(--primary);
    }
    .navbar-nav .nav-link {
        color: #ffffff;
        font-weight: 520;
        transition: color 0.2s;
    }
    .navbar-nav .nav-link:hover {
        color: #ef8b10;
    }
    .nav-link {
        display: flex;
        align-items: center;
        text-decoration: none;
        color: white;
        padding: 10px 15px;
        border-radius: 25px;
        transition: background-color 0.3s ease;
    }
    .nav-link i {
        margin-right: 5px;
    }
    .nav-link:hover {
        background-color: #0056b3;
    }
    .section {
        padding: 60px 0;
    }
```

```

.section-title {
    text-align: center;
    margin-bottom: 40px;
    font-size: 2rem;
    font-family: 'Poppins', sans-serif;
}
.section-border {
    border-top: 1px solid #000080;
    border-bottom: 1px solid #000080;
    margin-bottom: 3 rem;
}
.bg-pattern {
    background:
url('https://www.toptal.com/designers/sublepatterns/patterns/memphis-
mini.png');
}
.btn-primary {
    background-color: #000080;
    border-color: #000080;
    transition: background-color 0.3s, border-color 0.3s;
    margin-right: 10px;
}
.btn-primary:hover {
    background-color: #000080;
    border-color: #000080;
}
.btn-secondary {
    background-color: #f39c12;
    border-color: #f39c12;
    transition: background-color 0.3s, border-color 0.3s;
}
.btn-secondary:hover {
    background-color: #e67e22;
    border-color: #e67e22;
}

/*FOOTER*/
footer {
    background-color: var(--primary);
    text-align: center;
    padding: 1rem 0;
    margin-top: 3rem;
    margin-bottom: -0;
}
footer .social {
    padding: 1rem 0;
}

footer .social a {
    color: rgb(203, 162, 51);
    margin: 1rem;
    padding: 0.7rem 1rem;
}
footer .social a:hover {
    color: #ffffff;
    margin: 1rem;
}

footer .links a {
    color: var(--bg);
    margin-bottom: 15px;
}

```

```

}

footer .links a:hover {
    color: #e67e22;
}

footer .credit {
    font-size: 0.8rem;
}

footer .credit p {
    color: var(--bg);
    font-weight: 400;
}

footer .credit a {
    color: var(--bg);
    font-weight: 700;
}
footer {
    background-color: #000080;
    color: #ffffff;
    padding: 1rem 0;
    text-align: center;
    font-size: 0.875rem;
}
footer p {
    margin: 0;
}

/* Toggle */
.navbar-toggle {
    position: relative;
    cursor: pointer;
    color: #ffffff;
}
#toggleMenu {
    display: none;
}
#toggleMenu:checked + .navbar-toggler + .navbar-nav.hidden {
    display: block;
}
#navbarNav {
    background-color: transparent;
    outline: transparent;
}

/* Ukuran untuk desktop */
@media (min-width: 992px) {
    .navbar-toggler {
        font-size: 1.5rem;
        padding: 0.25rem 0.5rem;
        cursor: pointer;
    }
    .navbar-nav.hidden {
        top: 70px;
        width: 220px;
    }
}

/* Ukuran untuk mobile */
@media (max-width: 991.98px) {

```

```

.navbar-toggler {
    font-size: 1.5rem;
    padding: 0.25rem 0.5rem; /
}
.navbar-nav.hidden {
    top: 70px;
    width: 220px; /
}
}

/* Main Content */
.layar-01 {
    padding: 60px 0;
    text-align: center;
    background-color: #f5f5f5;
    background-size: cover;
    background-position: center;
}

.bg-pattern {
    background:
url('https://www.toptal.com/designers/sublepatterns/patterns/geometry.png');
}

.layar-text h1 {
    font-size: 3rem;
    font-weight: 700;
    color: #0e0e57;
}

.layar-text h2 {
    font-size: 2rem;
    font-weight: 500;
    color: #0c0c0c;
    font-family: 'Poppins', sans-serif bold;
}

.layar-text p {
    font-size: 1.2rem;
    color: #1a1919;
    font-family: 'Poppins', sans-serif;
}

.slides {
position: relative;
width: 100%;
max-width: 700px;
margin: auto;
}

.slides .slide{
    display: none;
}

.slides .slide img{
    width: 100%;
    animation-name: fade;
    animation-duration: 1s;
}

.slides .navigation{

```

```

        position: absolute;
        top: 50%;
        left: 50%;
        transform: translate(-50%, -50%);
        display: flex;
        justify-content: space-between;
        width: 100%;
    }

    .slides .navigation .prev, .slides .navigation .next{
        cursor: pointer;
        padding: 16px;
        font-weight: bold;
        font-size: 20px;
        color: white;
        background: rgba(0, 0, 0, 0.2);
        user-select: none;
        transition: 0.6s ease;
    }

    .slides .navigation .prev:hover, .slides .navigation .next:hover{
        background: rgba(0, 0, 0, 1);
    }

    @keyframes fade{
        from{opacity: 0.3;}
        to{opacity: 1;}
    }
    /* Section Title */
    .section-title {
        font-size: 2.5rem;
        font-weight: 700;
        margin-bottom: 50px;
        text-align: center;
        color: #323237;
    }

    /* Card Styling */
    .slides {
        position: relative;
        max-width: 1000px;
        margin: auto;
        overflow: hidden;
        border: 2px solid #ddd;
        border-radius: 10px;
        background-color: white;
    }

    .slide {
        display: none;
        width: 100%;
        height: 500px; /* Adjust height as needed */
        position: relative;
        text-align: center;
        background-color: white; /* Background color for each slide */
    }

    .slide .card {
        width: 100%;
        height: 100%;
        background-color: white;
        display: flex;

```

```

        justify-content: center;
        align-items: center;
        border: none; /* Remove border from card */
    }

    .slide img {
        max-height: 100%;
        max-width: 100%;
        object-fit: contain;
    }

    .navigation {
        position: absolute;
        width: 100%;
        top: 50%;
        transform: translateY(-50%);
        display: flex;
        justify-content: space-between;
    }

    .prev, .next {
        cursor: pointer;
        background-color: rgba(0, 0, 0, 0.5);
        color: white;
        font-size: 2rem;
        padding: 10px;
        border-radius: 5px;
    }

    @media (min-width: 1400px) {
        .slides {
            max-width: 1400px;
        }
        .slide {
            height: 600px; /* Adjust height as needed */
        }
    }

    /* card produk unggulan */
    .card {
        background-color: rgb(255, 255, 255);
        border-color: #ed8610;
        height: 100%;
        display: flex;
        flex-direction: column;
        justify-content: space-between;
        padding: 10px;
        border-radius: 10px;
    }

    .card:hover {
        transform: translateY(-5px);
    }

    .card-title {
        font-size: 1.5rem;
        font-weight: 600;
        color: #0e0e57;
    }

    .card-text {
        font-size: 1.2rem;
    }

```

```

        color: #080707;
    }

    .card-img-top {
        width: 100%;
        height: 300px;
        object-fit: contain;
        object-position: center;
        background-color: white;
        padding: 10px;
    }

    /* Button Styling */
    .btn-primary,
    .btn-secondary {
        margin-top: 20px;
    }

    .btn-primary {
        background-color: #000080;
        border-color: #000080;
    }

    .btn-primary:hover {
        background-color: #ef8b10;
        border-color: #000000;
    }

    .btn-secondary {
        background-color: #ef8b10;
        border-color: #ffffff;
    }

    .btn-secondary:hover {
        background-color: #5a6268;
        border-color: #545b62;
    }

    .btn-lg {
        padding: 15px 30px;
        font-size: 1.2rem;
    }

    /* Responsive Design */
    @media (max-width: 768px) {
        .layar-text h1 {
            font-size: 2.5rem;
        }

        .layar-text h2 {
            font-size: 1.5rem;
        }

        .layar-text p {
            font-size: 1rem;
        }

        .section-title {
            font-size: 2rem;
        }
    }
}

```

```

/* Popup */
.popup {
  display: none;
  position: fixed;
  z-index: 1;
  left: 0;
  top: 0;
  width: 100%;
  height: 100%;
  background-color: rgba(0, 0, 0, 0.8);
}

/* Popup Content */
.popup__content {
  background-color: #fff;
  padding: 20px;
  border: 1px solid #888;
  width: 50%; /* Adjust width */
  box-shadow: 0 20px 40px rgba(0, 0, 0, 0.2);
  position: absolute;
  top: 50%; /* Center vertically */
  left: 50%; /* Center horizontally */
  transform: translate(-50%, -50%); /* Center the element */
  max-height: 90vh; /* Ensure it fits within the viewport */
  overflow-y: auto; /* Add scrolling if content is too long */
  box-sizing: border-box; /* Include padding and border in element's
total width and height */
}

.popup__img {
  text-align: center; /* Center horizontally */
  margin-bottom: 30px;
}

.popup__img img {
  max-width: 100%; /* Maximum width */
  height: auto; /* Maintain aspect ratio */
  max-height: 200px; /* Maximum height */
}

.popup__header {
  text-align: center;
  text-transform: uppercase;
  color: #555;
  margin-bottom: 20px;
}

.popup__header h1 {
  font-size: 24px;
  margin-bottom: 10px;
}

.popup__header h2 {
  font-size: 18px;
  margin-bottom: 10px;
}

.popup__text {
  line-height: 1.6;
  margin-bottom: 20px;
}

```

```

.popup__btn {
    text-align: center; /* Center text horizontally */
}

.popup__btn a {
    color: white;
    text-decoration: none;
    background: #0e0e57;
    padding: 10px 20px;
    display: inline-block;
    border-radius: 5px;
    margin-top: 20px;
}

.popup__btn a:hover {
    background: #ef8b10;
}

.cart-icon {
    color: #ef8b10;
    font-size: 24px;
}

</style>
</head>
<body>
<!-- Navbar -->
<nav class="navbar">
    <div class="container-fluid">
        <a href="#" class="navbar-brand">T O K O &nbsp;&nbsp; D N K</a>
        <div class="links">
            <a href="#Unggulan">Produk Unggulan</a>
            <a href="#Layanan">Layanan Kami</a>
            <a href="#Ulasan">Ulasan Pelanggan</a>
            <a href="#Statistik">Statistik Toko</a>
        </div>
        <a href="https://wa.me/6289676563902/" target="_blank"
           ><i data-feather="phone"></i>
        </a>
        <div
            class="navbar-toggle"
            onmouseenter="showNavbar()"
            onmouseleave="hideNavbar()"
        >
            <input type="checkbox" id="toggleMenu"/>
            <label for="toggleMenu" class="navbar-toggler">#9776;</label>
            <div class="navbar-nav hidden" id="navbarNav">
                <a class="nav-link" href="#" onclick="selectMenu('cart')">
                    <i class="fas fa-box"></i> Lihat Keranjang
                </a>
                <a class="nav-link" href="#" onclick="selectMenu('login')">
                    <i class="fas fa-sign-out-alt"></i> Log Out
                </a>
                <a class="nav-link" href="#" onclick="selectMenu('signout')">
                    <i class="fas fa-door-open"></i> Sign Out
                </a>
            </div>
        </div>
    </div>
</nav>

<!-- Main Content -->

```

```

<div class="layar-01 bg-pattern">
    <div class="container">
        <div class="layar-text" data-aos="fade-up">
            <h1>Selamat Datang di TOKO DNK</h1>
        </div>
        <br/>
        <br/>

        <!-- SLIDES -->
        <div class="slides">
            <div class="slide">
                
            </div>
            <div class="navigation">
                <a class="prev" onclick="plusSlides(-1)">#10094</a>
                <a class="next" onclick="plusSlides(1)">#10095</a>
            </div>
        </div>
        <br/>
        <br/>
        <br/>

        <!-- script slide -->
        <script>
            var slideIndex =1;
            showSlide(slideIndex);

```

```

        function plusSlides(n) {
            showSlide(slideIndex += n);
        }

        function showSlide(n) {
            var i;
            var slides = document.getElementsByClassName("slide");
            if(n>slides.length)
            {
                slideIndex=1;
            }
            if (n<1)
            {
                slideIndex=slides.length
            }
            for(i=0; i<slides.length; i++)
            {
                slides[i].style.display="none";
            }
            slides[slideIndex-1].style.display="block";
        }
    </script>

<!-- Produk Unggulan -->
<section id="Unggulan" class="section section-border bg-pattern" data-aos="fade-up">
    <div class="container">
        <h2 class="section-title text-center mb-5">Produk</h2>
        <a href="/cart" class="cart-icon text-decoration-none">
            <i class="fas fa-shopping-cart"></i>
        </a>
        <br/>
        <br/>
        <br/>
        <div class="row justify-content-center">
            {{ range .Products }}
            <div class="col-md-4 mb-4">
                <div class="card">
                    <div class="card-body">
                        <h5 class="card-title text-center">{{ .Nama }}</h5>
                        <p class="card-text text-center">Harga: {{ .Harga }}</p>
                        <p class="card-text">{{ .Deskripsi }}</p>
                        <form action="/cart/create" method="post" class="text-center">
                            <input type="hidden" name="ProductName" value="{{ .Nama }}">
                            <input type="hidden" name="Kuantitas" value="1"> <!-- Default quantity to 1 -->
                            <button type="submit" class="btn btn-primary ">Tambah ke Keranjang</button>
                        </form>
                    </div>
                </div>
            {{ end }}
        </div>
    </div>
</section>

<!-- JS AOS -->
<script src="https://unpkg.com/aos@next/dist-aos.js"></script>
<script>
    AOS.init();

```

```

</script>
<!-- Bootstrap Bundle JS -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"></script>
<!-- Your Custom JS -->
<script src="script.js"></script>

<!-- Layanan Kami -->
<section id="Layanan" class="section section-border" data-aos="fade-up">
    <div class="container">
        <h2 class="section-title">Layanan Kami</h2>
        <div class="row">
            <div class="col-md-4">
                <div class="card">
                    <div class="card-body"><br>
                        <h5 class="card-title">Pembayaran Fleksibel</h5><br><br>
                        <p class="card-text">Layanan ini menyediakan berbagai metode pembayaran yang fleksibel untuk kemudahan pelanggan. Selain pembayaran dengan kartu kredit dan transfer bank, pelanggan juga dapat memilih opsi pembayaran digital seperti e-wallet dan paylater. Layanan ini bertujuan untuk memberikan kemudahan dan kenyamanan dalam proses transaksi</p>
                    </div>
                </div>
            </div>
            <div class="col-md-4">
                <div class="card">
                    <div class="card-body"><br>
                        <h5 class="card-title">Pengiriman Cepat dan Gratis</h5><br><br>
                        <p class="card-text">Layanan ini menyediakan pengiriman cepat dan gratis untuk semua pembelian di atas jumlah tertentu. Pelanggan tidak perlu khawatir dengan biaya tambahan untuk pengiriman dan bisa mendapatkan produk mereka dengan lebih cepat. Pengiriman cepat ini mencakup area tertentu.</p>
                    </div>
                </div>
            </div>
            <div class="col-md-4">
                <div class="card">
                    <div class="card-body"><br>
                        <h5 class="card-title">Program Loyalitas dan Diskon Eksklusif</h5><br>
                        <p class="card-text">Program ini dirancang untuk memberikan keuntungan lebih bagi pelanggan setia. Dengan mendaftar menjadi anggota, pelanggan bisa mendapatkan poin setiap kali mereka berbelanja, yang kemudian bisa ditukarkan dengan diskon pada pembelian berikutnya. Selain itu, anggota juga akan mendapatkan akses eksklusif ke penawaran dan diskon khusus yang tidak tersedia untuk pelanggan biasa.</p>
                    </div>
                </div>
            </div>
        </div>
    </div>
</section>

<!-- Ulasan Pelanggan -->
<section id="Ulasan" class="section section-border bg-pattern" data-aos="fade-up">
    <div class="container">

```

```

<h2 class="section-title">Ulasan Pelanggan</h2>
<div class="row">
    <div class="col-md-4">
        <div class="card">
            <div class="card-body">
                <h5 class="card-title">
                    Diansz
                    <br/>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                </h5>
                <p class="card-text">
                    <br/>
                    "Toko ini benar-benar memahami kebutuhan pelanggannya. Program loyalitasnya memberikan diskon menarik dan garansi uang kembali membuat saya merasa aman mencoba produk baru. Pasti akan berbelanja lagi di sini!"<br/>
                </p>
            </div>
        </div>
        <div class="col-md-4">
            <div class="card">
                <div class="card-body">
                    <h5 class="card-title">
                        Rzakrn
                        <br/>
                        <i class="fas fa-star"></i>
                        <i class="fas fa-star"></i>
                        <i class="fas fa-star"></i>
                        <i class="fas fa-star"></i>
                        <i class="fas fa-star"></i>
                    </h5>
                    <p class="card-text">
                        <br/>
                        "Pengalaman berbelanja yang sangat memuaskan! Pembayaran fleksibel dengan berbagai opsi memudahkan transaksi saya. Produk sampai dengan cepat dan dalam kondisi sempurna. Highly recommended!"<br/>
                    </p>
                </div>
            </div>
            <div class="col-md-4">
                <div class="card">
                    <div class="card-body">
                        <h5 class="card-title">
                            Galang
                            <br/>
                            <i class="fas fa-star"></i>
                            <i class="fas fa-star"></i>
                            <i class="fas fa-star"></i>
                            <i class="fas fa-star"></i>
                            <i class="fas fa-star"></i>
                        </h5>
                        <p class="card-text">
                            <br/>
                            "Layanan kustomisasi produk di toko ini sangat memuaskan. Ditambah pengiriman cepat dan gratis, toko ini jadi pilihan utama saya untuk berbelanja!"<br/>
                        </p>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

```

```

                </div>
            </div>
            </div>
        </div>
        </div>
    </section>

    <!-- Statistik Toko -->
    <section id="Statistik" class="section bg-light" data-aos="fade-up">
        <div class="container">
            <h2 class="section-title">Statistik Toko</h2>
            <div class="row">
                <div class="col-md-4 text-center">
                    <h3>10,000++</h3>
                    <p>Ulasan</p>
                </div>
                <div class="col-md-4 text-center">
                    <h3>500++</h3>
                    <p>Produk</p>
                </div>
                <div class="col-md-4 text-center">
                    <h3>20++</h3>
                    <p>Layanan</p>
                </div>
            </div>
            <br/>
            <br/>
        </div>
    </section>

    <!--Footer START-->
    <footer id="Contact">
        <div class="social">
            <a href="#"><i data-feather="instagram"></i></a>
            <a href="#"><i data-feather="twitter"></i></a>
            <a href="#"><i data-feather="facebook"></i></a>
            <a href="#"><i data-feather="youtube"></i></a>
        </div>
        <div class="links">
            <a href="#Unggulan">Produk Unggulan</a>
            <a href="#Layanan">Layanan Kami</a>
            <a href="#Ulasan">Ulasan Pelanggan</a>
            <a href="#Statistik">Statistik Toko</a>
        </div>
        <div class="credit">
            <p>Create by <a href="">Toko DNK</a> | © 2024.</p>
        </div>
        <br />
        <p>Jl. Lenteng Agung No. 123, Kota Depok, Jakarta Selatan</p>
        <p>Phone: +62 123 456 789</p>
    </footer>

    <!-- Bootstrap JS and dependencies -->
    <script

src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"
integrity="sha384-IQsoLX1IC3RUrEmXPjVTy0GA6CAw2184rBRsPZpO6OmVpHoqClw9BYaAdhCM1p9Q"
crossorigin="anonymous"
></script>
<script

```

```

src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js"
    integrity="sha384-
cVKIPhGuhD20PHaySAe2xh2WL0oC1p8jS2f4G6BzB6YAMFLj18giVfiYoxT+gAN"
    crossorigin="anonymous"
></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/5.1.0/js/bootstrap.bundle.mi
n.js"></script>

<script src="https://unpkg.com/aos@next/dist-aos.js"></script>
<script>
    AOS.init();
</script>

<script>
    feather.replace();
</script>


<script>
    function logout() {
        alert("Anda telah logout!");
        redirectToSignup();
    }

    // Redirect to signup page
    function redirectToSignup() {
        window.location.href = "/signup";
    }

    // js popup
    function showPopup.popupId) {
var popup = document.getElementById.popupId);
popup.style.display = "block";
}

function closePopup.popupId) {
    var popup = document.getElementById.popupId);
    popup.style.display = "none";
}

document.addEventListener('DOMContentLoaded', (event) => {
    document.querySelectorAll('.popup__btn a').forEach(button => {
        button.addEventListener('click', (event) => {
            event.preventDefault();
            closePopup(button.closest('.popup').id);
        });
    });
});

</script>

<script src="https://unpkg.com/aos@next/dist-aos.js"></script>
<script>
    AOS.init();
</script>
<!--My JS--&gt;
&lt;script&gt;
    function selectMenu(menu) {
        switch (menu) {
            case "login":</pre>

```

```

        redirectToLogin();
        break;
    case "signout":
        redirectToSignup();
        break;
    case "cart":
        redirectToViewCart();
    default:
        break;
    }
}

function redirectToLogin() {
    window.location.href = "/login";
}

function redirectToViewCart() {
    window.location.href = "/cart";
}

function showNavbar() {
    var navbarNav = document.getElementById("navbarNav");
    navbarNav.classList.add("show");
}

function hideNavbar() {
    var navbarNav = document.getElementById("navbarNav");
    navbarNav.classList.remove("show");
}
</script>
</body>
</html>

```

Tabel 3.4.6.7 index.html

### index.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>List Produk</title>
    <link
        href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&display=swap"
        rel="stylesheet" />
        <link rel="stylesheet"
        href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" />
        <!-- Bootstrap CSS -->
        <link
        href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;600&family=Viga&display=swap" rel="stylesheet" />
        <!-- AOS (Animate On Scroll) -->
        <link rel="stylesheet" href="https://unpkg.com/aos@next/dist-aos.css" />
        <!-- Feather Icons -->
        <script src="https://unpkg.com/feather-icons"></script>
        <style>
            body {
                font-family: "Poppins", sans-serif;

```

```

margin: 0;
padding: 0;
background-color: #f8f9fa;
}

.navbar {
background-color: #000080;
padding: 1rem 0;
}

.navbar-brand {
color: #ef8b10;
font-family: "Viga", sans-serif;
font-size: 1.5rem;
}

.navbar-brand:hover {
color: #eaeaea;
}

.container {
margin-top: 2rem;
}

h3 {
font-size: 2rem;
font-family: Impact, Haettenschweiler, "Arial Narrow Bold", sans-serif;
color: #000080;
margin-bottom: 1.5rem;
}

.table {
font-size: 0.9rem; /* Adjusted font size */
text-align: center;
}

.table th,
.table td {
vertical-align: middle;
}

.table th {
background-color: #000080; /* Header background color */
color: #ffffff; /* Header text color */
}

.table-striped tbody tr:nth-of-type(odd) {
background-color: #f8f9fa; /* Alternate row background color */
}

.btn-primary {
background-color: #000080;
border-color: #ffffff;
margin-top: 2rem;
margin-bottom: 2rem;
font-size: 0.8rem;
}

.btn-primary:hover {
background-color: #000080;
border-color: #000080;
color: #ef8b10;
}

```

```

}

.btn-secondary {
    background-color: #767676;
    font-size: 0.7rem;
}

.btn-secondary:hover {
    background-color: #000000;
    border-color: #000000;
    color: #ffffff;
}
</style>
</head>

<body>
    <nav class="navbar">
        <div class="container-fluid">
            <a href="/LandingPage/admin" class="navbar-brand">T O K O &nbsp;&nbsp; D
N K</a>
        </div>
    </nav>

    <div class="container my-5">
        <div class="row">
            <div class="col">
                <h3>List Produk</h3>
            </div>
            <div class="col text-end">
                <a href="/LandingPage/admin" class="btn btn-secondary btn-sm mt-
2">Dashboard</a>
                    <a href="/product/create" class="btn btn-primary">Tambah Produk</a>
                </div>
            </div>

            <table class="table table-striped">
                <thead>
                    <tr>
                        <th scope="col">Nama</th>
                        <th scope="col">Harga</th>
                        <th scope="col">Deskripsi</th>
                        <th scope="col">Aksi</th>
                    </tr>
                </thead>
                <tbody>
                    {{ range .Products }}
                    <tr>
                        <td>{{ .Nama }}</td>
                        <td>{{ .Harga }}</td>
                        <td>{{ .Deskripsi }}</td>
                        <td>
                            <a href="/product/update?id={{ .Id }}" class="btn btn-warning btn-
sm" onclick="return confirm('Anda yakin ingin mengedit produk ini?')">Edit</a>
                            <a href="/product/delete?id={{ .Id }}" class="btn btn-danger btn-
sm" onclick="return confirm('Anda yakin ingin menghapus produk
ini?')">Delete</a>
                        </td>
                    </tr>
                    {{ end }}
                </tbody>
            </table>
        </div>
    </div>

```

```

<!-- JS AOS -->
<script src="https://unpkg.com/aos@next/dist-aos.js"></script>
<script>
    AOS.init();
</script>
<!-- My JS -->
<script src="script.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>

```

*Tabel 3.4.6.8 login.html*

### **login.html**

```

<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8" />
        <meta name="viewport" content="width=device-width, initial-scale=1.0" />
        <title>Login | Toko DNK</title>
        <!-- Bootstrap CSS -->
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" />
        <!-- Font Awesome CSS for Icons -->
        <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css" rel="stylesheet" />
        <!-- Google Fonts -->
        <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;500;700&family=Roboto:wght@400;700&family=Viga&display=swap" rel="stylesheet" />
        <!-- Custom CSS -->
        <style>
            body {
                font-family: 'Roboto', sans-serif;
                background-color: #f0f4f8;
                margin: 0;
            }

            .header {
                font-family: 'Viga', sans-serif;
                font-size: 2rem;
            }

            h1{
                color: #ef8b10;
            }

            .bg-primary-custom {
                background-color: #000080 !important;
                padding: 10px 0;
            }

            .text-primary-custom {

```

```
        color: #000080 !important;
    }

.btn-primary-custom {
    background-color: #000080;
    border-color: #000080;
    color: #ffffff;
}

.btn-primary-custom:hover {
    background-color: #5c5f61;
    border-color: #000080;
    color: #ffffff;
}

.container {
    max-width: 500px;
    margin-top: 50px;
}

.box {
    background-color: #ffffff;
    padding: 20px;
    border-radius: 10px;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.449);
    color: #000080;
    font-family: 'Poppins', sans-serif;
}

.box h1 {
    text-align: center;
    font-size: 40px;
    margin-bottom: 1rem;
    color: #2c3e50;
    font-family: 'Viga', sans-serif;
}

.box p {
    font-size: 16px;
    text-align: center;
    font-family: 'Roboto', sans-serif;
}

.box label {
    font-size: 16px;
    font-weight: 500;
    font-family: 'Poppins', sans-serif;
}

.box input {
    font-size: 16px;
    padding: 10px;
    font-family: 'Roboto', sans-serif;
}

.box a {
    color: #000080;
    font-size: 16px;
    font-family: 'Poppins', sans-serif;
}

.error-message {
```

```

        color: red;
        margin-top: 10px;
    }

    footer {
        background-color: #000080;
        color: #ffffff;
        text-align: center;
        margin-top: 50px;
        padding: 10px;
        font-family: 'Roboto', sans-serif;
        width: 100%;
        position: fixed;
        bottom: 0;
    }

    footer .credit {
        font-size: 14px;
    }

    footer .credit p {
        margin: 0;
    }

    footer .credit a {
        color: #ffffff;
        font-weight: 400;
    }

    #errorMessage {
        font-size: 14px;
        color: red;
    }

```

</style>

</head>

<body>

<!-- Header -->

<header class="bg-primary-custom text-white text-center py-3">

<h1 class="header">T O K O &nbsp;&nbsp; D N K</h1>

<p>Selamat datang di Laman Log In</p>

</header>

<div class="container">

<div class="box">

<form id="loginForm" action="/login/submit" method="post">

<h1>Log In</h1>

<p>Masukkan username dan password Anda</p>

<hr />

<div class="form-group">

<label>Username</label>

<input type="text" name="username" id="username" class="form-control" autocomplete="off" required />

</div>

<br />

<div class="form-group">

<label>Password</label>

<input type="password" name="password" id="password" class="form-control" autocomplete="off" required />

<div id="errorMessage" class="error-message"></div>

</div>

<br />

<div class="d-grid gap-2">

```

        <button type="submit" class="btn btn-primary-custom
btn-block">Log In</button>
    </div>
    <hr />
    <center>
        <p>Belum punya akun? <a href="/signup" class="text-
primary-custom">Daftar</a></p>
    </center>
    <div id="errorMessage" class="error-message"></div>
</form>
</div>
</div>

<!-- Footer -->
<footer>
    <div class="credit">
        <p>Create by <a href="#">Toko DNK.</a> | © 2024.</p>
    </div>
</footer>

<!-- JavaScript for password validation -->
<script>
    document.getElementById("loginForm").addEventListener("submit",
function (event) {
    var password = document.getElementById("password").value;
    var passwordPattern = /^(?=.*[a-z])(?=.*[A-
Z])(?=.*\d)(?=.*[@$!%*?&])[A-Za-z\d@$!%*?&]{8,})$/;
    if (!passwordPattern.test(password)) {
        document.getElementById("errorMessage").innerText =
"*Password harus mengandung huruf besar, huruf kecil, simbol, angka, dan
minimal 8 karakter.";
        document.getElementById("errorMessage").style.fontSize =
"12px";
        event.preventDefault();
    }
});
</script>
</body>
</html>

```

Tabel 3.4.6.9 signup.html

### **singup.html**

```

<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8" />
        <meta name="viewport" content="width=device-width, initial-scale=1.0"
/>
        <title>Sign Up | Toko DNK</title>
        <!-- Bootstrap CSS -->
        <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" />
        <!-- Font Awesome CSS for Icons -->
        <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-
beta3/css/all.min.css" rel="stylesheet" />
        <!-- Google Fonts -->
        <link

```

```

        href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;500;700&family=Roboto:wght@400;700&family=Viga&display=swap" rel="stylesheet" />
        <!-- AOS (Animate On Scroll) -->
        <link rel="stylesheet" href="https://unpkg.com/aos@next/dist-aos.css" />
        <!-- Feather Icons -->
        <script src="https://unpkg.com/feather-icons"></script>
        <!-- Custom CSS -->
        <style>
            body {
                font-family: 'Roboto', sans-serif;
                background-color: #f0f4f8;
                margin: 0;
            }

            .header {
                font-family: 'Viga', sans-serif;
                font-size: 2rem;
            }

            h1 {
                color: #ef8b10;
            }

            .bg-primary-custom {
                background-color: #000080 !important;
                padding: 10px 0;
            }

            .text-primary-custom {
                color: #000080 !important;
            }

            .btn-primary-custom {
                background-color: #000080;
                border-color: #000080;
                color: #ffffff;
            }

            .btn-primary-custom:hover {
                background-color: #5c5f61;
                border-color: #000080;
                color: #ffffff;
            }

            .container {
                max-width: 500px;
                margin-top: 50px;
            }

            .box {
                background-color: #ffffff;
                padding: 20px;
                border-radius: 10px;
                box-shadow: 0 4px 8px rgba(0, 0, 0, 0.449);
                color: #000080;
                font-family: 'Poppins', sans-serif;
            }

            .box h1 {
                text-align: center;
                font-size: 40px;
            }
        </style>
    
```

```
        margin-bottom: 1rem;
        color: #2c3e50;
        font-family: 'Viga', sans-serif;
    }

    .box p {
        font-size: 16px;
        text-align: center;
        font-family: 'Roboto', sans-serif;
    }

    .box label {
        font-size: 16px;
        font-weight: 500;
        font-family: 'Poppins', sans-serif;
    }

    .box input {
        font-size: 16px;
        padding: 10px;
        font-family: 'Roboto', sans-serif;
    }

    .box a {
        color: #000080;
        font-size: 16px;
        font-family: 'Poppins', sans-serif;
    }

    .error-message {
        color: red;
        font-size: 14px;
        margin-top: 5px;
        text-align: left;
    }

    footer {
        background-color: #000080;
        color: #ffffff;
        text-align: center;
        margin-top: 50px;
        padding: 10px;
        font-family: 'Roboto', sans-serif;
    }

    footer .credit {
        font-size: 14px;
    }

    footer .credit p {
        margin: 0;
    }

    footer .credit a {
        color: #ffffff;
        font-weight: 400;
    }

    #signup-notification {
        display: none;
        background-color: #4caf50;
        color: white;
    }
```

```

        text-align: center;
        padding: 10px;
        margin-bottom: 20px;
    }

    #usernameHelp,
    #passwordHelp,
    #confirmPasswordHelp {
        font-size: 14px;
        color: red;
        margin-top: 5px;
        text-align: left;
    }

```

</style>

</head>

<body>

<!-- Header -->

<header class="bg-primary-custom text-white text-center py-3">

<h1 class="header">T O K O &nbsp;&nbsp; D N K</h1>

<p>Selamat datang di Laman Sign UP</p>

</header>

<div class="container">

<div class="box">

<div id="signup-notification">

<p>BERHASIL</p>

</div>

<form id="signup-form" action="/signup/submit" method="post">

<h1>Sign Up</h1>

<p>Masukkan detail Anda untuk mendaftar</p>

<hr />

<div class="form-group">

<label for="username">Username</label>

<input type="text" name="username" id="username" class="form-control" autocomplete="off" required />

<div id="usernameHelp" class="error-message"></div>

</div>

<br />

<div class="form-group">

<label for="password">Password</label>

<input type="password" name="password" id="password" class="form-control" autocomplete="off" required />

<div id="passwordHelp" class="error-message"></div>

</div>

<br />

<div class="form-group">

<label for="confirm\_password">Konfirmasi Password</label>

<input type="password" name="confirm\_password" id="confirm\_password" class="form-control" autocomplete="off" required />

<div id="confirmPasswordHelp" class="error-message"></div>

</div>

<br />

<div class="d-grid gap-2">

<button type="submit" class="btn btn-primary-custom btn-block">Sign Up</button>

</div>

<hr />

<center>

<p>Sudah punya akun? <a href="/login" class="text-primary-custom">Log in</a></p>

```

        </center>
        <div id="errorMessage" class="form-text"></div>
    </form>
</div>

<!-- Footer -->
<footer>
    <div class="credit">
        <p>Create by <a href="#">Toko DNK.</a> | © 2024.</p>
    </div>
</footer>

<!-- Scripts -->
<script>
    // Function to show notification
    function showNotification() {
        document.getElementById("signup-notification").style.display =
"block";
    }

    // Check if URL contains success query parameter
    const urlParams = new URLSearchParams(window.location.search);
    const success = urlParams.get("success");
    if (success === "true") {
        showNotification();
    }

    // Password validation function
    function validatePassword(password) {
        const minLength = 8;
        const hasUpperCase = /[A-Z]/.test(password);
        const hasLowerCase = /[a-z]/.test(password);
        const hasNumber = /[0-9]/.test(password);
        const hasSpecialChar =
/[!@#$%^&*(),.?":{}|<>]/.test(password);

        return password.length >= minLength && hasUpperCase &&
hasLowerCase && hasNumber && hasSpecialChar;
    }

    // Form submit event listener
    document.getElementById("signup-form").addEventListener("submit",
function (event) {
    const password = document.getElementById("password").value;
    const confirmPassword =
document.getElementById("confirm_password").value;

    // Validate password format
    if (!validatePassword(password)) {
        event.preventDefault(); // Prevent form submission
        document.getElementById("passwordHelp").innerText =
"Password harus mengandung huruf besar, huruf kecil, simbol, angka, dan
minimal 8 karakter.";
    }

    // Check if passwords match
    if (password !== confirmPassword) {
        event.preventDefault(); // Prevent form submission
        document.getElementById("confirmPasswordHelp").innerText =
"Konfirmasi password tidak sesuai dengan password.";
    }
})

```

```

        const username = document.getElementById("username").value;
        fetch(`/check-username?username=${username}`)
            .then((response) => response.json())
            .then((data) => {
                if (data.exists) {
                    event.preventDefault(); // Prevent form submission
                    document.getElementById("usernameHelp").innerText
= "Username sudah digunakan. Silakan gunakan username lain.";
                }
            });
    </script>

    <!-- Additional Scripts -->
    <script src="https://unpkg.com/feather-icons"></script>
    <script src="https://unpkg.com/aos@next/dist-aos.js"></script>
    <script>
        AOS.init();
    </script>
</body>
</html>

```

*Tabel 3.4.6.10 update.html*

<b>update.html</b>
<pre> &lt;!doctype html&gt; &lt;html lang="en"&gt;  &lt;head&gt;     &lt;!-- Required meta tags --&gt;     &lt;meta charset="utf-8"&gt;     &lt;meta name="viewport" content="width=device-width, initial-scale=1"&gt;      &lt;!-- Bootstrap CSS --&gt;     &lt;link         href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"         rel="stylesheet"         integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztQTwFspd3yD65VohhpucOmlASjC"         crossorigin="anonymous"&gt;     &lt;!-- Google Fonts --&gt;     &lt;link         href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;600&amp;display=swap"         rel="stylesheet"&gt;     &lt;!-- CSS --&gt;     &lt;style&gt;         .btn-primary {             background-color: #000080;             border-color: #000080;             font-size: 0.9rem;             font-weight: 600;         }          .btn-primary:hover {             background-color: #000080;             border-color: #000080;             color: #ef8b10;             font-weight: 600;         }     &lt;/style&gt; </pre>

```
}

.navbar {
    background-color: #000080;
    padding: 1rem 0;
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
}

.navbar-brand {
    color: #ef8b10;
    font-family: 'Poppins', sans-serif;
    font-size: 1.5rem;
    font-weight: 600;
    transition: color 0.3s ease;
}

.navbar-brand:hover {
    color: #eaeaea;
}

body {
    font-family: 'Poppins', sans-serif;
    background-color: #f8f9fa;
    margin-bottom: 60px; /* Space for the fixed footer */
}

.container {
    margin-top: 2rem;
}

h3 {
    font-size: 2rem;
    color: #000080;
    margin-bottom: 1.5rem;
    font-weight: 600;
}

.form-label {
    font-weight: 600;
    color: #000080;
}

.form-control {
    border-color: #000080;
    font-family: 'Poppins', sans-serif;
}

.footer {
    background-color: #000080;
    color: #ffffff;
    text-align: center;
    padding: 2rem 0;
    position: fixed;
    bottom: 0;
    width: 100%;
}

.footer p {
    margin-bottom: 0;
}

.footer a {
```

```

        color: #ffffff;
        font-weight: 600;
        text-decoration: none;
        transition: color 0.3s ease;
    }

    .footer a:hover {
        color: #ef8b10;
    }

```

</style>

<title>Form Produk</title>

</head>

<body>

<nav class="navbar">

<div class="container-fluid">

<a href="#" class="navbar-brand">T O K O &nbsp;&nbsp; D N K</a>

</div>

</nav>

<div class="container my-5">

<div class="d-flex justify-content-between mb-4">

<h3>Produk</h3>

</div>

<form action="/product/update?id={{ .product.Id }}" method="POST">

<div class="mb-3">

<label for="nama" class="form-label">Nama Produk</label>

<input type="text" id="nama" name="nama" class="form-control" value="{{ .product.Nama }}" />

</div>

<div class="mb-3">

<label for="harga" class="form-label">Harga</label>

<input type="text" id="harga" name="harga" class="form-control" value="{{ .product.Harga }}" />

</div>

<div class="mb-3">

<label for="deskripsi" class="form-label">Deskripsi</label>

<textarea id="deskripsi" name="deskripsi" class="form-control">{{ .product.Deskripsi }}</textarea>

</div>

<button type="submit" class="btn btn-primary btn-sm">Edit</button>

</form>

</div>

<!-- Optional JavaScript; choose one of the two! -->

<!-- Option 1: Bootstrap Bundle with Popper -->

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-MrcW6ZMFYlzcLA8Nl+NTUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM" crossorigin="anonymous"></script>

<!-- Option 2: Separate Popper and Bootstrap JS -->

<!--

<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js" integrity="sha384-IQsoLX15PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p" crossorigin="anonymous"></script>

```

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js"
integrity="sha384-
cVKIPhGWiC2Al4u+LWgxfKTRIcfu0JTxR+EQDz/bgldoEy14H0zUF0QKbrJ0EcQF"
crossorigin="anonymous"></script>
-->

<!-- Footer -->
<footer class="footer">
    <div class="container">
        <p>Create by <a href="#" class="text-decoration-none">Toko DNK</a>
&copy; 2024. All rights reserved.</p>
    </div>
</footer>
</body>

</html>

```

*Tabel 3.4.6.11 LandingPageAdmin.html*

### LandingPageAdmin.html

```

<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8" />
        <meta name="viewport" content="width=device-width, initial-scale=1.0" />
        <title>Landing Page Admin | TOKO DNK</title>
        <!-- MYFONTS-->
        <link rel="preconnect" href="https://fonts.googleapis.com/" />
        <link rel="preconnect" href="https://fonts.gstatic.com/" crossorigin />
        <!-- Tambahkan link ke Font Awesome -->
        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">
        <!-- Bootstrap CSS -->
        <link
            href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
            rel="stylesheet"
            integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOMLASjC"
            crossorigin="anonymous"
        />
        <link
            href="https://stackpath.bootstrapcdn.com/bootstrap/5.1.0/css/bootstrap.min.css"
            " 
            rel="stylesheet"
        />
        <!-- Google Fonts -->
        <link
            href="https://fonts.googleapis.com/css2?family=Poppins:wght@100,200,300,600&family=Viga&display=swap"
            rel="stylesheet"
        />
        <!-- AOS (Animate On Scroll) -->
        <link rel="stylesheet" href="https://unpkg.com/aos@next/dist-aos.css" />
        <!-- Feather Icons -->
        <script src="https://unpkg.com/feather-icons"></script>

```

```

<!-- Custom CSS -->
<style>
    body {
        font-family: 'Poppins', sans-serif;
        background-color: #f0f4f8;
        margin: 0;
        font-size: 16px;
        line-height: 1.6;
    }

    h1, h2, h3, h4, h5, h6 {
        font-family: 'Poppins', sans-serif;
    }

    p {
        margin-top: 0;
        margin-bottom: 2rem;
    }

    .navbar {
        background-color: #000080;
        padding: 10px;
    }
    .navbar-brand {
        color: #ef8b10;
        font-family: 'Viga', sans-serif;
        font-size: 2rem;
    }
    .navbar-brand:hover {
        color: #ffffff;
    }
    .links {
        margin-top: 5px;
        display: flex;
        justify-content: space-around;
        font-size: 1rem;
        font-family: 'Poppins', sans-serif;
        flex: 1; /* Menambahkan properti flex agar elemen bisa mengisi ruang yang tersedia */
    }
    .links a {
        color: #ffffff;
        text-decoration: none;
        padding: 1px 3px; /* Mengurangi padding */
        transition: color 0.3s;
        font-weight: bold;
    }
    .links a:hover {
        color: #ef8b10;
    }
    .navbar a[href*="wa.me"] {
        font-weight: bold;
        color: #ffffff;
    }
    .navbar a:hover {
        color: #ef8b10;
    }
    .navbar .navbar-nav a {
        color: white;
        display: inline-block;
        font-size: 0.7rem;
        margin: 0 0.8rem; /* Mengurangi margin */
    }

```

```
}

.navbar .navbar-nav a:hover {
    color: #ef8b10;
}
.navbar .navbar-nav a::after {
    display: block;
    padding-bottom: 0.5rem;
    border-bottom: 0.1rem solid var(--primary);
    transform: scaleX(0);
    transition: 0.2s linear;
}
.navbar .navbar-nav a:hover::after {
    transform: scaleX(0.5);
}
.navbar .navbar-extra a {
    color: white;
    margin: 0 0.5rem;
}
.navbar-toggle {
    position: relative;
}
.navbar-nav.hidden {
    display: none;
    position: absolute;
    top: 50px;
    right: 0;
    background-color: #ffffff;
    border: 1px solid #dddddd;
    width: 200px;
    padding: 10px;
    z-index: 1000;
}
.navbar-nav.hidden a {
    display: block;
    padding: 10px;
    text-decoration: none;
    color: #333333;
}
.navbar .navbar-extra a:hover {
    color: var(--primary);
}
.navbar-nav .nav-link {
    color: #ffffff;
    font-weight: 520;
    transition: color 0.2s;
}
.navbar-nav .nav-link:hover {
    color: #ef8b10;
}
.nav-link {
    display: flex;
    align-items: center;
    text-decoration: none;
    color: white;
    padding: 10px 15px;
    border-radius: 25px;
    transition: background-color 0.3s ease;
}
.nav-link i {
    margin-right: 5px;
}
.nav-link:hover {
```

```

        background-color: #0056b3;
    }
    .section {
        padding: 60px 0;
    }
    .section-title {
        text-align: center;
        margin-bottom: 40px;
        font-size: 2rem;
        font-family: 'Poppins', sans-serif;
    }
    .section-border {
        border-top: 1px solid #020202;
        border-bottom: 1px solid #000000;
    }
    .bg-pattern {
        background:
url('https://www.toptal.com/designers/subtlepatterns/patterns/memphis-
mini.png');
    }
    .btn-primary {
        background-color: #000080;
        border-color: #000080;
        transition: background-color 0.3s, border-color 0.3s;
        margin-right: 10px;
    }
    .btn-primary:hover {
        background-color: #000080;
        border-color: #000080;
    }
    .btn-secondary {
        background-color: #f39c12;
        border-color: #f39c12;
        transition: background-color 0.3s, border-color 0.3s;
    }
    .btn-secondary:hover {
        background-color: #e67e22;
        border-color: #e67e22;
    }
}

/*FOOTER*/
footer {
    background-color: var(--primary);
    text-align: center;
    padding: 1rem 0;
    margin-top: 3rem;
}
footer .social {
    padding: 1rem 0;
}

footer .social a {
    color: rgb(203, 162, 51);
    margin: 1rem;
    padding: 0.7rem 1rem;
}

footer .social a:hover {
    color: #ffffff;
    margin: 1rem;
}

```

```

        footer .links a {
            color: var(--bg);
            margin-bottom: 15px;
        }

        footer .links a:hover {
            color: #e67e22;
        }

        footer .credit {
            font-size: 0.8rem;
        }

        footer .credit p {
            color: var(--bg);
            font-weight: 400;
        }

        footer .credit a {
            color: var(--bg);
            font-weight: 700;
        }
        footer {
            background-color: #000080;
            color: #ffffff;
            padding: 1rem 0;
            text-align: center;
            font-size: 0.875rem;
        }
        footer p {
            margin: 0;
        }

        /* Toggle */
        .navbar-toggle {
            position: relative;
            cursor: pointer;
            color: #ffffff;
        }
        #toggleMenu {
            display: none;
        }
        #toggleMenu:checked + .navbar-toggler + .navbar-nav.hidden {
            display: block;
        }
        #navbarNav {
            background-color: transparent;
            outline: transparent;
        }

        /* Ukuran untuk desktop */
        @media (min-width: 992px) {
            .navbar-toggler {
                font-size: 1.5rem;
                padding: 0.25rem 0.5rem;
                cursor: pointer;
            }
            .navbar-nav.hidden {
                top: 70px;
                width: 220px;
            }
        }
    
```

```

/* Ukuran untuk mobile */
@media (max-width: 991.98px) {
    .navbar-toggler {
        font-size: 1.5rem;
        padding: 0.25rem 0.5rem; /
    }
    .navbar-nav.hidden {
        top: 70px;
        width: 220px; /
    }
}

/* Main Content */
.layar-01 {
    padding: 60px 0;
    text-align: center;
    background-color: #f5f5f5;
    background-size: cover;
    background-position: center;
}

.bg-pattern {
    background:
url('https://www.toptal.com/designers/subtlepatterns/patterns/geometry.png');
}

.layar-text h1 {
    font-size: 3rem;
    font-weight: 700;
    color: #0e0e57;
}

.layar-text h2 {
    font-size: 2rem;
    font-weight: 500;
    color: #0c0c0c;
    font-family: 'Poppins', sans-serif bold;
}

.layar-text p {
    font-size: 1.2rem;
    color: #1a1919;
    font-family: 'Poppins', sans-serif;
}

.slides {
position: relative;
width: 100%;
max-width: 700px;
margin: auto;
}

.slides .slide{
    display: none;
}

.slides .slide img{
    width: 100%;
    animation-name: fade;
    animation-duration: 1s;
}

```

```

}

.slides .navigation{
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    display: flex;
    justify-content: space-between;
    width: 100%;
}

.slides .navigation .prev, .slides .navigation .next{
    cursor: pointer;
    padding: 16px;
    font-weight: bold;
    font-size: 20px;
    color: white;
    background: rgba(0, 0, 0, 0.2);
    user-select: none;
    transition: 0.6s ease;
}

.slides .navigation .prev:hover, .slides .navigation .next:hover{
    background: rgba(0, 0, 0, 1);
}

@keyframes fade{
    from{opacity: 0.3;}
    to{opacity: 1;}
}

/* Section Title */
.section-title {
    font-size: 2.5rem;
    font-weight: 700;
    margin-bottom: 50px;
    text-align: center;
    color: #323237;
}

/* Card Styling */
.slides {
    position: relative;
    max-width: 1000px;
    margin: auto;
    overflow: hidden;
    border: 2px solid #ddd;
    border-radius: 10px;
    background-color: white;
}

.slide {
    display: none;
    width: 100%;
    height: 500px; /* Adjust height as needed */
    position: relative;
    text-align: center;
    background-color: white; /* Background color for each slide */
}

.slide .card {
    width: 100%;
```

```

height: 100%;
background-color: white;
display: flex;
justify-content: center;
align-items: center;
border: none; /* Remove border from card */
}

.slide img {
max-height: 100%;
max-width: 100%;
object-fit: contain;
}

.navigation {
position: absolute;
width: 100%;
top: 50%;
transform: translateY(-50%);
display: flex;
justify-content: space-between;
}

.prev, .next {
cursor: pointer;
background-color: rgba(0, 0, 0, 0.5);
color: white;
font-size: 2rem;
padding: 10px;
border-radius: 5px;
}

@media (min-width: 1400px) {
.slides {
max-width: 1400px;
}
.slide {
height: 600px; /* Adjust height as needed */
}
}

/* card produk unggulan */
.card {
background-color: white;
border-color: #ed8610;
height: 100%;
display: flex;
flex-direction: column;
justify-content: space-between;
padding: 10px;
border-radius: 10px;
}

.card:hover {
transform: translateY(-5px);
}

.card-title {
font-size: 1.5rem;
font-weight: 600;
color: #0e0e57;
}

```

```
.card-text {
    font-size: 1.2rem;
    color: #080707;
}

.card-img-top {
    width: 100%;
    height: 300px;
    object-fit: contain;
    object-position: center;
    background-color: white;
    padding: 10px;
}

/* Button Styling */
.btn-primary,
.btn-secondary {
    margin-top: 20px;
}

.btn-primary {
    background-color: #000080;
    border-color: #000080;
}

.btn-primary:hover {
    background-color: #ef8b10;
    border-color: #000000;
}

.btn-secondary {
    background-color: #ef8b10;
    border-color: #ffffff;
}

.btn-secondary:hover {
    background-color: #5a6268;
    border-color: #545b62;
}

.btn-lg {
    padding: 15px 30px;
    font-size: 1.2rem;
}

/* Responsive Design */
@media (max-width: 768px) {
    .layar-text h1 {
        font-size: 2.5rem;
    }

    .layar-text h2 {
        font-size: 1.5rem;
    }

    .layar-text p {
        font-size: 1rem;
    }

    .section-title {
        font-size: 2rem;
    }
}
```

```
        }

    /* Popup */
.popup {
display: none;
position: fixed;
z-index: 1;
left: 0;
top: 0;
width: 100%;
height: 100%;
background-color: rgba(0, 0, 0, 0.8);
}

/* Popup Content */
.popup__content {
background-color: #fff;
padding: 20px;
border: 1px solid #888;
width: 50%;
box-shadow: 0 20px 40px rgba(0, 0, 0, 0.2);
position: absolute;
top: 50%;
left: 50%;
transform: translate(-50%, -50%);
max-height: 90vh;
overflow-y: auto;
box-sizing: border-box;
}

.popup__img {
text-align: center;
margin-bottom: 30px;
}

.popup__img img {
max-width: 100%;
height: auto;
max-height: 200px;
}

.popup__header {
text-align: center;
text-transform: uppercase;
color: #555;
margin-bottom: 20px;
}

.popup__header h1 {
font-size: 24px;
margin-bottom: 10px;
}

.popup__header h2 {
font-size: 18px;
margin-bottom: 10px;
}

.popup__text {
line-height: 1.6;
margin-bottom: 20px;
```

```

        }

    .popup__btn {
        text-align: center;
    }

    .popup__btn a {
        color: white;
        text-decoration: none;
        background: #0e0e57;
        padding: 10px 20px;
        display: inline-block;
        border-radius: 5px;
        margin-top: 20px;
    }

    .popup__btn a:hover {
        background: #ef8b10;
    }

    .cart-icon {
        color: #ef8b10;
        font-size: 24px;
    }


```

</style>

</head>

<body>

<!-- Navbar -->

<nav class="navbar">

<div class="container-fluid">

<a href="#" class="navbar-brand">T O K O &nbsp;&nbsp; D N K</a>

<div class="links">

<a href="#Layanan">Layanan Kami</a>

<a href="#Ulasan">Ulasan Pelanggan</a>

<a href="#Statistik">Statistik Toko</a>

</div>

<a href="https://wa.me/6289676563902/" target="\_blank">

<i data-feather="phone"></i>

</a>

<div class="navbar-toggle" onmouseenter="showNavbar()" onmouseleave="hideNavbar()">

<input type="checkbox" id="toggleMenu"/>

<label for="toggleMenu" class="navbar-toggler">&#9776;</label>

<div class="navbar-nav hidden" id="navbarNav">

<a class="nav-link" href="#" onclick="selectMenu('product')">

<i class="fas fa-box"></i> Lihat Produk

</a>

<a class="nav-link" href="#" onclick="selectMenu('create')">

<i class="fas fa-box"></i> Tambah Produk

</a>

<a class="nav-link" href="#" onclick="selectMenu('login')">

<i class="fas fa-sign-out-alt"></i> Log Out

</a>

<a class="nav-link" href="#" onclick="selectMenu('signout')">

<i class="fas fa-door-open"></i> Sign Out

</a>

</div>

</div>

```

        </div>
    </nav>

    <!-- Main Content -->
    <div class="layar-01 bg-pattern">
        <div class="container">
            <div class="layar-text" data-aos="fade-up">
                <h1>Selamat Datang di TOKO DNK</h1>
            </div>
            <br/>
            <br/>

            <!-- SLIDES -->
            <div class="slides">
                <div class="slide">
                    
                </div>
                <div class="navigation">
                    <a class="prev" onclick="plusSlides(-1)">#10094</a>
                    <a class="next" onclick="plusSlides(-1)">#10095</a>
                </div>
            </div>

            <!-- script slide -->
            <script>
                var slideIndex = 1;

```

```

showSlide(slideIndex);

function plusSlides(n) {
    showSlide(slideIndex += n);
}

function showSlide(n) {
    var i;
    var slides = document.getElementsByClassName("slide");
    if(n>slides.length)
    {
        slideIndex=1;
    }
    if (n<1)
    {
        slideIndex=slides.length
    }
    for(i=0; i<slides.length; i++)
    {
        slides[i].style.display="none";
    }
    slides[slideIndex-1].style.display="block";
}
</script>

<!-- Layanan Kami -->
<section id="Layanan" class="section section-border" data-aos="fade-up">
<div class="container">
    <h2 class="section-title">Layanan Kami</h2>
    <div class="row">
        <div class="col-md-4">
            <div class="card">
                <div class="card-body"><br>
                    <h5 class="card-title">Pembayaran Fleksibel</h5><br><br>
                    <p class="card-text">Layanan ini menyediakan berbagai metode pembayaran yang fleksibel untuk kemudahan pelanggan. Selain pembayaran dengan kartu kredit dan transfer bank, pelanggan juga dapat memilih opsi pembayaran digital seperti e-wallet dan paylater. Layanan ini bertujuan untuk memberikan kemudahan dan kenyamanan dalam proses transaksi</p>
                </div>
            </div>
        </div>
        <div class="col-md-4">
            <div class="card">
                <div class="card-body"><br>
                    <h5 class="card-title">Pengiriman Cepat dan Gratis</h5><br><br>
                    <p class="card-text">Layanan ini menyediakan pengiriman cepat dan gratis untuk semua pembelian di atas jumlah tertentu. Pelanggan tidak perlu khawatir dengan biaya tambahan untuk pengiriman dan bisa mendapatkan produk mereka dengan lebih cepat. Pengiriman cepat ini mencakup area tertentu.</p>
                </div>
            </div>
        </div>
        <div class="col-md-4">
            <div class="card">
                <div class="card-body"><br>
                    <h5 class="card-title">Program Loyalitas dan Diskon Eksklusif</h5><br>
                    <p class="card-text">Program ini dirancang untuk

```

memberikan keuntungan lebih bagi pelanggan setia. Dengan mendaftar menjadi anggota, pelanggan bisa mendapatkan poin setiap kali mereka berbelanja, yang kemudian bisa ditukarkan dengan diskon pada pembelian berikutnya. Selain itu, anggota juga akan mendapatkan akses eksklusif ke penawaran dan diskon khusus yang tidak tersedia untuk pelanggan biasa.</p>

```

        </div>
        </div>
        </div>
        </div>
        </div>
    </section>

    <!-- Ulasan Pelanggan -->
    <section id="Ulasan" class="section section-border bg-pattern" data-aos="fade-up">
        <div class="container">
            <h2 class="section-title">Ulasan Pelanggan</h2>
            <div class="row">
                <div class="col-md-4">
                    <div class="card">
                        <div class="card-body">
                            <h5 class="card-title">
                                Diansz
                                <br/>
                                <i class="fas fa-star"></i>
                                <i class="fas fa-star"></i>
                                <i class="fas fa-star"></i>
                                <i class="fas fa-star"></i>
                            </h5>
                            <p class="card-text">
                                <br/>
                                "Toko ini benar-benar memahami kebutuhan pelanggannya. Program loyalitasnya memberikan diskon menarik dan garansi uang kembali membuat saya merasa aman mencoba produk baru. Pasti akan berbelanja lagi di sini!"
                            </p>
                        </div>
                    </div>
                <div class="col-md-4">
                    <div class="card">
                        <div class="card-body">
                            <h5 class="card-title">
                                Rzakrn
                                <br/>
                                <i class="fas fa-star"></i>
                                <i class="fas fa-star"></i>
                                <i class="fas fa-star"></i>
                                <i class="fas fa-star"></i>
                                <i class="fas fa-star"></i>
                            </h5>
                            <p class="card-text">
                                <br/>
                                "Pengalaman berbelanja yang sangat memuaskan! Pembayaran fleksibel dengan berbagai opsi memudahkan transaksi saya. Produk sampai dengan cepat dan dalam kondisi sempurna. Highly recommended!"
                            </p>
                        </div>
                    </div>
                <div class="col-md-4">
                    <div class="card">

```

```

        <div class="card-body">
            <h5 class="card-title">
                Galang
                <br/>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
            </h5>
            <p class="card-text">
                <br/>
                "Layanan kustomisasi produk di toko ini sangat
memuaskan. Ditambah pengiriman cepat dan gratis, toko ini jadi pilihan utama
saya untuk berbelanja!"
            </p>
        </div>
    </div>
</div>
</div>
</section>


<section id="Statistik" class="section bg-light" data-aos="fade-up">
    <div class="container">
        <h2 class="section-title">Statistik Toko</h2>
        <div class="row">
            <div class="col-md-4 text-center">
                <h3>10,000++</h3>
                <p>Ulasan</p>
            </div>
            <div class="col-md-4 text-center">
                <h3>500++</h3>
                <p>Produk</p>
            </div>
            <div class="col-md-4 text-center">
                <h3>20++</h3>
                <p>Layanan</p>
            </div>
        </div>
    </div>
</section>


<section class="section text-center bg-pattern" data-aos="fade-up">
    <div class="container">
        <h2 class="section-title">Lihat Produk?</h2>
        <button onclick="redirectToProductList()" class="btn btn-primary
btn-lg">Lihat Produk</button>
        <button onclick="redirectToCreateProduct()" class="btn btn-
secondary btn-lg">Tambah Produk</button>
    </div>
</section>
</div>
</div>

<!--Footer START--&gt;
&lt;footer id="Contact"&gt;
    &lt;div class="social"&gt;
        &lt;a href="#"&gt;&lt;i data-feather="instagram"&gt;&lt;/i&gt;&lt;/a&gt;
        &lt;a href="#"&gt;&lt;i data-feather="twitter"&gt;&lt;/i&gt;&lt;/a&gt;
</pre>

```

```

        <a href="#"><i data-feather="facebook"></i></a>
        <a href="#"><i data-feather="youtube"></i></a>
    </div>
    <div class="links">
        <a href="#Layanan">Layanan Kami</a>
        <a href="#Ulasan">Ulasan Pelanggan</a>
        <a href="#Statistik">Statistik Toko</a>
    </div>
    <div class="credit">
        <p>Create by <a href="">Toko DNK</a> | © 2024.</p>
    </div>
    <br />
    <p>Jl. Lenteng Agung No. 123, Kota Depok, Jakarta Selatan</p>
    <p>Phone: +62 123 456 789</p>
</footer>


<script

src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"
    integrity="sha384-IQsoLX1IC3RUrEmXPjVTy0GA6CAw2184rBRsPZpO6OmVpHoqClw9BYaAdhCM1p9Q"
    crossorigin="anonymous"
></script>
<script

src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js"
    integrity="sha384-cVKIPhGuhD20PHaySAe2xh2WLooCIP8jS2f4G6BzB6YAMFLj18giVfiYoxT+gAN"
    crossorigin="anonymous"
></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/5.1.0/js/bootstrap.bundle.min.js"></script>
    
    <script src="https://unpkg.com/aos@next/dist/aos.js"></script>
    <script>
        AOS.init();
    </script>
    
    <script>
        feather.replace();
    </script>

    
    <script>
        function logout() {
            alert("Anda telah logout!");
            redirectToSignup();
        }

        // Redirect to signup page
        function redirectToSignup() {
            window.location.href = "/signup/admin";
        }

        // js popup
        function showPopup(popupId) {
            var popup = document.getElementById(popupId);
            popup.style.display = "block";
        }
    </script>

```

```

function closePopup(popupId) {
    var popup = document.getElementById(popupId);
    popup.style.display = "none";
}

document.addEventListener('DOMContentLoaded', (event) => {
    document.querySelectorAll('.popup__btn a').forEach(button => {
        button.addEventListener('click', (event) => {
            event.preventDefault();
            closePopup(button.closest('.popup').id);
        });
    });
});

</script>
<!-- JS AOS -->
<script src="https://unpkg.com/aos@next/dist-aos.js"></script>
<script>
    AOS.init();
</script>
<!--My JS-->
<script>
    function selectMenu(menu) {
        switch (menu) {
            case "login":
                redirectToLogin();
                break;
            case "product":
                redirectToProductList();
                break;
            case "signout":
                redirectToSignup();
                break;
            case "create":
                redirectToCreateProduct();
            default:
                break;
        }
    }

    function redirectToLogin() {
        window.location.href = "/login/admin";
    }

    function redirectToProductList() {
        window.location.href = "/product";
    }

    function redirectToCreateProduct() {
        window.location.href = "/product/create";
    }

    function redirectToUpdateProduct(id) {
        window.location.href = "/product/update?id=" + id;
    }

    function redirectToDeleteProduct(id) {
        window.location.href = "/product/delete?id=" + id;
    }

    function showNavbar() {

```

```

        var navbarNav = document.getElementById("navbarNav");
        navbarNav.classList.add("show");
    }

    function hideNavbar() {
        var navbarNav = document.getElementById("navbarNav");
        navbarNav.classList.remove("show");
    }

```

```

    </script>
</body>
</html>
```

*Tabel 3.4.6.12 loginAdmin.html*

<b>loginAdmin.html</b>
<pre> &lt;!DOCTYPE html&gt; &lt;html lang="en"&gt;     &lt;head&gt;         &lt;meta charset="UTF-8" /&gt;         &lt;meta name="viewport" content="width=device-width, initial-scale=1.0" /&gt;         &lt;title&gt;Login   Toko DNK&lt;/title&gt;         &lt;!-- Bootstrap CSS --&gt;         &lt;link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" /&gt;         &lt;!-- Font Awesome CSS for Icons --&gt;         &lt;link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css" rel="stylesheet" /&gt;         &lt;!-- Google Fonts --&gt;         &lt;link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;500;700&amp;family=Roboto:wght@400;700&amp;family=Viga&amp;display=swap" rel="stylesheet" /&gt;         &lt;!-- Custom CSS --&gt;         &lt;style&gt;             body {                 font-family: 'Roboto', sans-serif;                 background-color: #f0f4f8;                 margin: 0;             }              .header {                 font-family: 'Viga', sans-serif;                 font-size: 2rem;             }              h1{                 color: #ef8b10;             }              .bg-primary-custom {                 background-color: #000080 !important;                 padding: 10px 0;             }              .text-primary-custom {                 color: #000080 !important;             } </pre>

```
.btn-primary-custom {
    background-color: #000080;
    border-color: #000080;
    color: #ffffff;
}

.btn-primary-custom:hover {
    background-color: #5c5f61;
    border-color: #000080;
    color: #ffffff;
}

.container {
    max-width: 500px;
    margin-top: 50px;
}

.box {
    background-color: #ffffff;
    padding: 20px;
    border-radius: 10px;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.449);
    color: #000080;
    font-family: 'Poppins', sans-serif;
}

.box h1 {
    text-align: center;
    font-size: 40px;
    margin-bottom: 1rem;
    color: #2c3e50;
    font-family: 'Viga', sans-serif;
}

.box p {
    font-size: 16px;
    text-align: center;
    font-family: 'Roboto', sans-serif;
}

.box label {
    font-size: 16px;
    font-weight: 500;
    font-family: 'Poppins', sans-serif;
}

.box input {
    font-size: 16px;
    padding: 10px;
    font-family: 'Roboto', sans-serif;
}

.box a {
    color: #000080;
    font-size: 16px;
    font-family: 'Poppins', sans-serif;
}

.error-message {
    color: red;
    margin-top: 10px;
}
```

```

        footer {
            background-color: #000080;
            color: #ffffff;
            text-align: center;
            margin-top: 50px;
            padding: 10px;
            font-family: 'Roboto', sans-serif;
            width: 100%;
            position: fixed;
            bottom: 0;
        }

        footer .credit {
            font-size: 14px;
        }

        footer .credit p {
            margin: 0;
        }

        footer .credit a {
            color: #ffffff;
            font-weight: 400;
        }

        #errorMessage {
            font-size: 14px;
            color: red;
        }
    </style>
</head>
<body>
    <!-- Header -->
    <header class="bg-primary-custom text-white text-center py-3">
        <h1 class="header">T O K O &nbsp;&nbsp; D N K</h1>
        <p>Selamat datang di Laman Log In Admin</p>
    </header>

    <div class="container">
        <div class="box">
            <form id="loginForm" action="/login/submit/admin"
method="post">
                <h1>Log In</h1>
                <p>Masukkan username dan password Anda</p>
                <hr />
                <div class="form-group">
                    <label>Username</label>
                    <input type="text" name="username" id="username"
class="form-control" autocomplete="off" required />
                </div>
                <br />
                <div class="form-group">
                    <label>Password</label>
                    <input type="password" name="password" id="password"
class="form-control" autocomplete="off" required />
                    <div id="errorMessage" class="error-message"></div>
                </div>
                <br />
                <div class="d-grid gap-2">
                    <button type="submit" class="btn btn-primary-custom
btn-block">Log In</button>
                </div>
            </form>
        </div>
    </div>
</body>

```

```

        </div>
        <hr />
        <center>
            <p>Belum punya akun? <a href="/signup/admin" class="text-primary-custom">Daftar</a></p>
        </center>
        <div id="errorMessage" class="error-message"></div>
    </form>
</div>
</div>

<!-- Footer -->
<footer>
    <div class="credit">
        <p>Create by <a href="#">Toko DNK.</a> | © 2024.</p>
    </div>
</footer>

<!-- JavaScript for password validation -->
<script>
    document.getElementById("loginForm").addEventListener("submit",
function (event) {
    var password = document.getElementById("password").value;
    var passwordPattern = /^[^.*[a-z]](.*[A-Z])(.*\d)(?=.*[@$!%*?&])[A-Za-z\d@$!%*?&]{8,}$/;
    if (!passwordPattern.test(password)) {
        document.getElementById("errorMessage").innerText =
"*Password harus mengandung huruf besar, huruf kecil, simbol, angka, dan
minimal 8 karakter.";
        document.getElementById("errorMessage").style.fontSize =
"12px";
        event.preventDefault();
    }
});
</script>
</body>
</html>

```

Tabel 3.4.6.13 signupAdmin.html

<b>signupAdmin.html</b>
<pre> &lt;!DOCTYPE html&gt; &lt;html lang="en"&gt;     &lt;head&gt;         &lt;meta charset="UTF-8" /&gt;         &lt;meta name="viewport" content="width=device-width, initial-scale=1.0" /&gt;         &lt;title&gt;Sign Up   Toko DNK&lt;/title&gt;         &lt;!-- Bootstrap CSS --&gt;         &lt;link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" /&gt;         &lt;!-- Font Awesome CSS for Icons --&gt;         &lt;link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css" rel="stylesheet" /&gt;         &lt;!-- Google Fonts --&gt;         &lt;link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;500;700&amp;family=Roboto:wght@400;700&amp;family=Viga&amp;display=swap" rel="stylesheet" /&gt; </pre>

```

<!-- AOS (Animate On Scroll) -->
<link rel="stylesheet" href="https://unpkg.com/aos@next/dist-aos.css"
/>
<!-- Feather Icons -->
<script src="https://unpkg.com/feather-icons"></script>
<!-- Custom CSS -->
<style>
    body {
        font-family: 'Roboto', sans-serif;
        background-color: #f0f4f8;
        margin: 0;
    }

    .header {
        font-family: 'Viga', sans-serif;
        font-size: 2rem;
    }

    h1 {
        color: #ef8b10;
    }

    .bg-primary-custom {
        background-color: #000080 !important;
        padding: 10px 0;
    }

    .text-primary-custom {
        color: #000080 !important;
    }

    .btn-primary-custom {
        background-color: #000080;
        border-color: #000080;
        color: #ffffff;
    }

    .btn-primary-custom:hover {
        background-color: #5c5f61;
        border-color: #000080;
        color: #ffffff;
    }

    .container {
        max-width: 500px;
        margin-top: 50px;
    }

    .box {
        background-color: #ffffff;
        padding: 20px;
        border-radius: 10px;
        box-shadow: 0 4px 8px rgba(0, 0, 0, 0.449);
        color: #000080;
        font-family: 'Poppins', sans-serif;
    }

    .box h1 {
        text-align: center;
        font-size: 40px;
        margin-bottom: 1rem;
        color: #2c3e50;
    }

```

```
        font-family: 'Viga', sans-serif;
    }

.box p {
    font-size: 16px;
    text-align: center;
    font-family: 'Roboto', sans-serif;
}

.box label {
    font-size: 16px;
    font-weight: 500;
    font-family: 'Poppins', sans-serif;
}

.box input {
    font-size: 16px;
    padding: 10px;
    font-family: 'Roboto', sans-serif;
}

.box a {
    color: #000080;
    font-size: 16px;
    font-family: 'Poppins', sans-serif;
}

.error-message {
    color: red;
    font-size: 14px;
    margin-top: 5px;
    text-align: left;
}

footer {
    background-color: #000080;
    color: #ffffff;
    text-align: center;
    margin-top: 50px;
    padding: 10px;
    font-family: 'Roboto', sans-serif;
}

footer .credit {
    font-size: 14px;
}

footer .credit p {
    margin: 0;
}

footer .credit a {
    color: #ffffff;
    font-weight: 400;
}

#signup-notification {
    display: none;
    background-color: #4caf50;
    color: white;
    text-align: center;
    padding: 10px;
```

```

        margin-bottom: 20px;
    }

    #usernameHelp,
    #passwordHelp,
    #confirmPasswordHelp {
        font-size: 14px;
        color: red;
        margin-top: 5px;
        text-align: left;
    }

```

</style>

</head>

<body>

<!-- Header -->

<header class="bg-primary-custom text-white text-center py-3">

T O K O &nbsp; D N K</h1>

Selamat datang di Laman Sign UP</p>

</header>

<div class="container">

<div class="box">

<div id="signup-notification">

BERHASIL</p>

</div>

<form id="signup-form" action="/signup/submit/admin" method="post">

# Sign Up

Masukkan detail Anda untuk mendaftar</p>

---

<div class="form-group">

<label for="username">Username</label>

<input type="text" name="username" id="username" class="form-control" autocomplete="off" required />

<div id="usernameHelp" class="error-message"></div>

</div>

<br />

<div class="form-group">

<label for="password">Password</label>

<input type="password" name="password" id="password" class="form-control" autocomplete="off" required />

<div id="passwordHelp" class="error-message"></div>

</div>

<br />

<div class="form-group">

<label for="confirm\_password">Konfirmasi Password</label>

<input type="password" name="confirm\_password" id="confirm\_password" class="form-control" autocomplete="off" required />

<div id="confirmPasswordHelp" class="error-message"></div>

</div>

<br />

<div class="d-grid gap-2">

<button type="submit" class="btn btn-primary-custom btn-block">Sign Up</button>

</div>

---

<center>

<p>Sudah punya akun? <a href="/login/admin" class="text-primary-custom">Log in</a></p>

</center>

```

        <div id="errorMessage" class="form-text"></div>
    </form>
</div>
</div>

<!-- Footer -->
<footer>
    <div class="credit">
        <p>Create by <a href="#">Toko DNK.</a> | © 2024.</p>
    </div>
</footer>

<!-- Scripts -->
<script>
    // Function to show notification
    function showNotification() {
        document.getElementById("signup-notification").style.display =
"block";
    }

    // Check if URL contains success query parameter
    const urlParams = new URLSearchParams(window.location.search);
    const success = urlParams.get("success");
    if (success === "true") {
        showNotification();
    }

    // Password validation function
    function validatePassword(password) {
        const minLength = 8;
        const hasUpperCase = /[A-Z]/.test(password);
        const hasLowerCase = /[a-z]/.test(password);
        const hasNumber = /[0-9]/.test(password);
        const hasSpecialChar =
/[!@#$%^&*(),.?":{}|<>]/.test(password);

        return password.length >= minLength && hasUpperCase &&
hasLowerCase && hasNumber && hasSpecialChar;
    }

    // Form submit event listener
    document.getElementById("signup-form").addEventListener("submit",
function (event) {
    const password = document.getElementById("password").value;
    const confirmPassword =
document.getElementById("confirm_password").value;

    // Validate password format
    if (!validatePassword(password)) {
        event.preventDefault(); // Prevent form submission
        document.getElementById("passwordHelp").innerText =
"Password harus mengandung huruf besar, huruf kecil, simbol, angka, dan
minimal 8 karakter.";
    }

    // Check if passwords match
    if (password !== confirmPassword) {
        event.preventDefault(); // Prevent form submission
        document.getElementById("confirmPasswordHelp").innerText =
"Konfirmasi password tidak sesuai dengan password.";
    }
})

```

```

        const username = document.getElementById("username").value;
        fetch(`/check-username?username=${username}`)
            .then((response) => response.json())
            .then((data) => {
                if (data.exists) {
                    event.preventDefault(); // Prevent form submission
                    document.getElementById("usernameHelp").innerText
= "Username sudah digunakan. Silakan gunakan username lain.";
                }
            });
    </script>

    <!-- Additional Scripts -->
    <script src="https://unpkg.com/feather-icons"></script>
    <script src="https://unpkg.com/aos@next/dist/aos.js"></script>
    <script>
        AOS.init();
    </script>
</body>
</html>

```

### 3.4.7. Main.go

*Tabel 3.4.7.1 main.go*

<b>main.go</b>
<pre> package main  import (     "log"     "net/http"      "github.com/salwakhairu/Tugas-Besar-PBW-Sistem-Karyawan/database"     "github.com/salwakhairu/Tugas-Besar-PBW-Sistem-Karyawan/routes" )  func main() {     db := database.InitDatabase()     defer db.Close()      server := http.NewServeMux()     routes.MapRoutes(server, db)      log.Println("Starting server on :8000")     err := http.ListenAndServe(":8000", server)     if err != nil {         log.Fatal("ListenAndServe: ", err)     } } </pre>

## **BAB III**

## **PENUTUP**

### **4.1 Kesimpulan**

Dalam laporan praktikum Pemrograman Berorientasi Objek ini, kami telah membuat web aplikasi “Toko DNK” dengan mengimplementasikan materi Golang yang selama satu semester ini kami pelajari. Kami membuat aplikasi toko agen yang bertujuan untuk menyederhanakan proses manajemen produk, mulai dari penambahan dan pengurangan produk, pengelolaan stok, hingga pemrosesan pesanan. Dengan aplikasi web ini, admin dapat dengan mudah memantau dan mengontrol seluruh inventaris serta aktivitas yang terjadi, selain itu untuk memberikan kemudahan kepada para agen dan konsumen dalam melakukan jual beli.