

Laporan Progres Mingguan - SORA

Kelompok : 6

Mitra : Rumah Makan Salwa

Pekan ke - : 12

Tanggal : 01/05/2025

Anggota Kelompok

- **Amazia Devid Saputra dengan NIM 10231013**
 - **Dyno Fadillah Ramadhani dengan NIM 10231033**
 - **Rani Ayu Dewi dengan NIM 10231079**
 - **Siti Nur Azizah Putri Awni dengan NIM 10231087**
-

Progress Summary

Minggu ini tim telah berhasil mengimplementasikan sistem manajemen restoran menggunakan Laravel Filament untuk backend dan React untuk frontend. Pencapaian utama meliputi:

1. Multi-User Authentication System

- Implementasi 3 level user (Superadmin, Admin, Pelanggan)
- Sistem login terpisah untuk masing-masing role
- Keamanan route dan resource berdasarkan role

2. Menu Management System

- CRUD operasi untuk menu makanan
- Upload dan crop gambar menu
- Manajemen stok realtime
- Kategorisasi menu

3. Customer Management

- Registrasi dan manajemen pelanggan
- Profile photo management
- Riwayat pemesanan pelanggan
- Validasi data pelanggan

4. Payment & Contact Information Management

- Manajemen rekening bank untuk pembayaran
- Penandaan rekening bank utama (primary)
- Manajemen nomor WhatsApp untuk kontak
- Penandaan nomor WhatsApp utama (primary)

Accomplished Tasks

1. Backend Development (Laravel Filament)

- Implementasi AdminPanelProvider dan SuperAdminPanelProvider
- Konfigurasi middleware authentication untuk tiap panel
- Resource management (Menu, Pelanggan, Cart)
- File upload system dengan disk public
- Resource management untuk BankAccount dan WhatsappNumber

2. Frontend Development (React)

- Halaman login/register responsif
- Komponen menu dengan fitur filter dan search
- Shopping cart dengan state management
- Integrasi API dengan axios
- Implementasi tampilan rekening bank di halaman pembayaran
- Implementasi nomor WhatsApp di halaman reservasi

3. Database & API

- Migrasi database untuk semua entitas
- API endpoints untuk autentikasi dan operasi CRUD
- Relasi antar tabel (foreign keys)
- Data seeding untuk testing
- Migrasi untuk tabel bank_accounts dan whatsapp_numbers

Challenges & Solutions

1. Multi-Panel Authentication

- **Challenge:** Mengatur akses berbeda untuk Superadmin dan Admin
- **Solution:** Implementasi guard terpisah dan middleware custom

```
public static function canAccess(): bool
{
    return Auth::guard('superadmin')->check();
}
```

2. File Upload Management

- **Challenge:** Handling berbagai jenis file dan ukuran
- **Solution:** Konfigurasi disk storage dan image processing

```
Forms\Components\FileUpload::make('gambar')
    ->image()
    ->disk('public')
    ->directory('menu-photos')
```

```
->imageEditor()
->imageResizeMode('cover')
```

3. State Management

- **Challenge:** Sinkronisasi state cart dengan backend
- **Solution:** Implementasi React Context dan local storage

```
const CartContext = createContext();
const CartProvider = ({ children }) => {
  const [cart, setCart] = useState([]);
  // Implementation
};
```

4. Bank Account & WhatsApp Number Management

- **Challenge:** Mengelola multiple rekening bank dan nomor WhatsApp dengan penandaan primary
- **Solution:** Implementasi model terpisah dengan field is_primary dan integrasi dengan frontend

```
// Di controller
$bankAccounts = BankAccount::all();
$whatsappNumber = WhatsappNumber::where('is_primary', true)->first();

// Di frontend
const sortedBankAccounts = [...bankAccounts].sort((a, b) => {
  if (a.is_primary && !b.is_primary) return -1;
  if (!a.is_primary && b.is_primary) return 1;
  return 0;
});
```

Next Week Plan

1. Email Notification System

- Implementasi notifikasi email untuk konfirmasi reservasi
- Penambahan fitur pembatalan reservasi via email
- Integrasi dengan sistem antrian dan notifikasi email

2. Admin Dashboard Development

- Implementasi dashboard analytics untuk monitoring penjualan
- Grafik trend penjualan harian/mingguan/bulanan
- Manajemen laporan keuangan sederhana

Contributions

- **Amazia Devid Saputra:**

- Frontend development (React components)
 - API integration
 - State management implementation
- **Dyno Fadillah Ramadhani:**

- Backend architecture
- Filament panel configuration
- Resource implementation
- Authentication system

• **Rani Ayu Dewi:**

- UI/UX design
- Frontend routing
- Component styling
- API documentation

• **Siti Nur Azizah Putri Awni:**

- Database design
- API development
- Testing implementation
- Documentation

Screenshots / Demo

1. Core Feature #2 & #3

Fitur Reservasi

Fitur reservasi memungkinkan pelanggan untuk melakukan pemesanan meja di restoran secara online. Berikut adalah implementasi dan tampilan fitur reservasi:

The screenshot shows two pages of a reservation process. The left page displays the restaurant's opening hours from Monday to Friday. The right page shows a date selection interface.

Opening Hours:

Day	Opening Hours
Monday	08:00 - 22:00
Tuesday	08:00 - 22:00
Wednesday	08:00 - 22:00
Thursday	08:00 - 22:00
Friday	07:00 - 22:00

Select Date & Time:

Date: dd/mm/yyyy

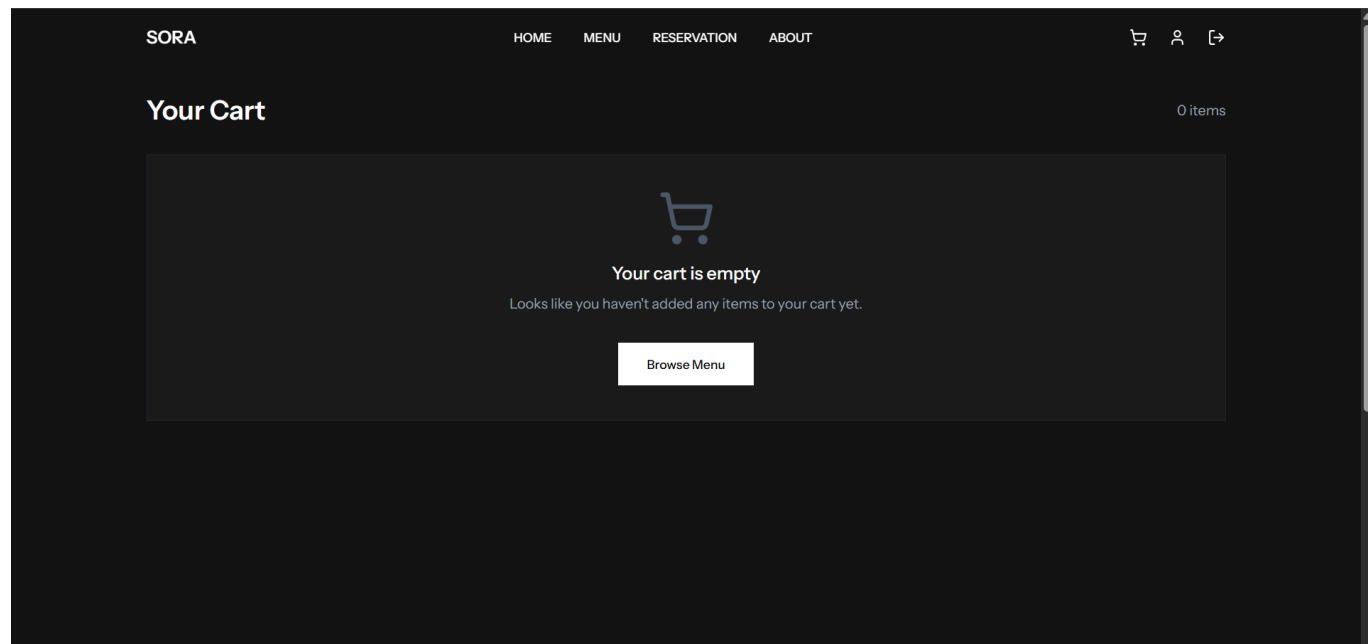
Continue >

Fitur-fitur yang tersedia dalam reservasi:

- Pemilihan tanggal dan waktu reservasi
- Input jumlah tamu
- Pemilihan meja yang tersedia
- Konfirmasi reservasi melalui email
- Status reservasi (pending, confirmed, cancelled)

Fitur Cart

Fitur cart memungkinkan pelanggan untuk menambahkan menu ke keranjang belanja sebelum melakukan pemesanan. Berikut adalah implementasi dan tampilan fitur cart:

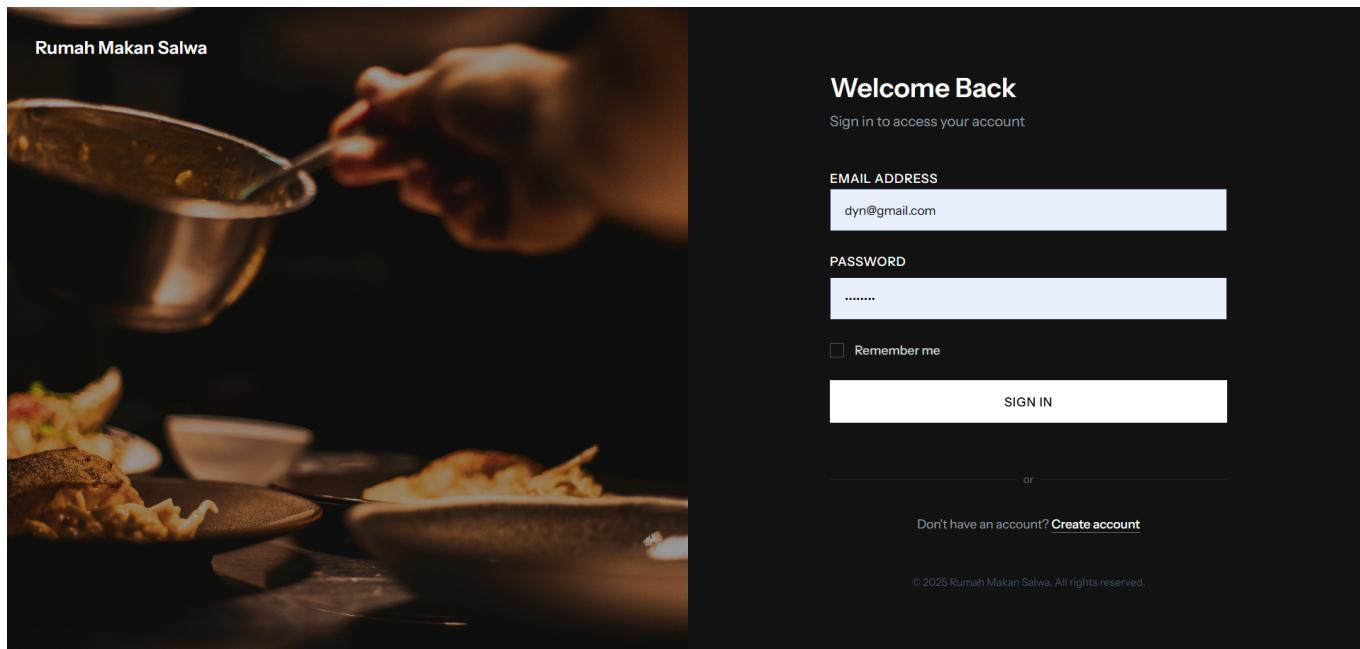


Fitur-fitur yang tersedia dalam cart:

- Penambahan menu ke keranjang
- Pengubahan jumlah item
- Penghapusan item dari keranjang
- Kalkulasi total harga
- Proses checkout

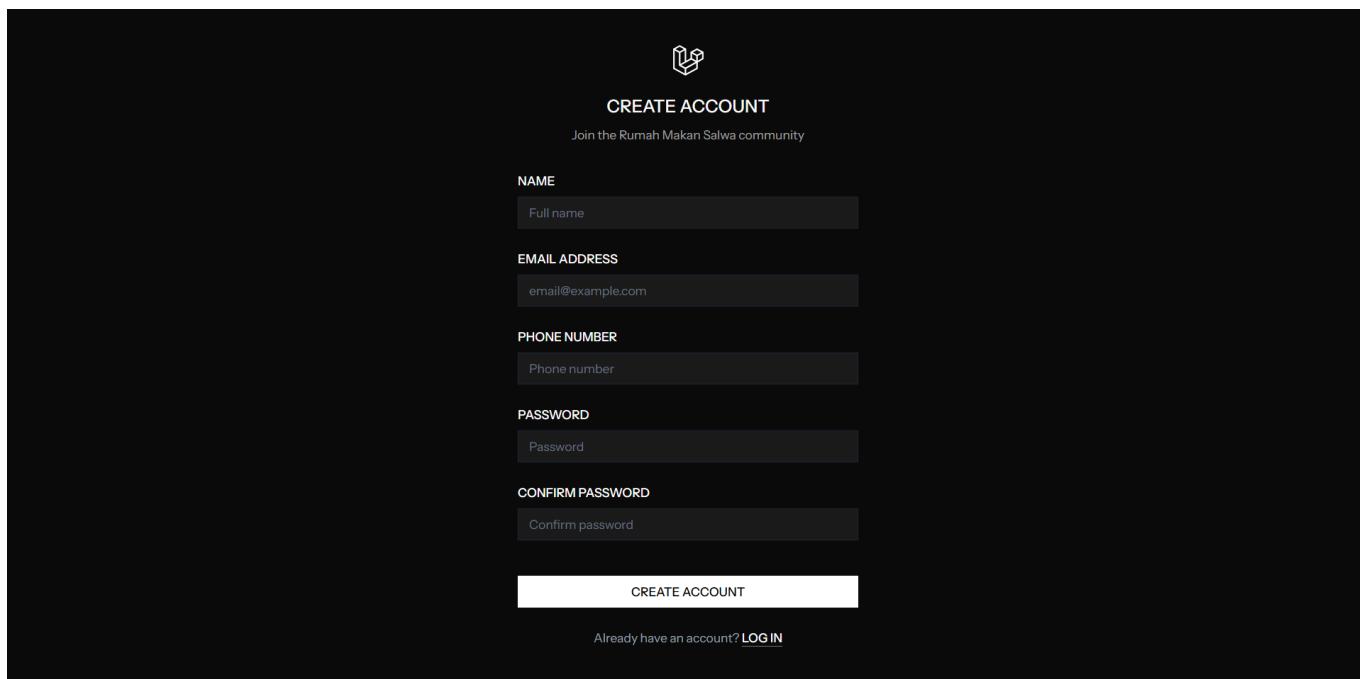
2. UI Enhancement

Halaman Login



Halaman login menampilkan form autentikasi dengan desain minimalis dan modern. Terdapat field untuk input email dan password, serta tombol "Login" yang menonjol dengan warna primer. Di bagian bawah terdapat link untuk registrasi bagi pengguna baru.

Halaman Registrasi



Halaman registrasi menyediakan form pendaftaran dengan field lengkap seperti nama lengkap, email, password, dan konfirmasi password. Form didesain dengan validasi real-time dan feedback visual untuk memastikan data yang dimasukkan valid.

Halaman Beranda



AUTHENTIC INDONESIAN CULINARY EXPERIENCE

Discover the rich flavors and traditions of Indonesian cuisine in a modern, inviting atmosphere at Rumah Makan Salwa.

[EXPLORE MENU](#)[MAKE RESERVATION](#)

Scroll to explore



MOST LOVED MENU

Our most celebrated creations, crafted with passion and enjoyed by thousands of satisfied customers.



★ 129 ordered

[View Complete Menu →](#)

RESERVE YOUR TABLE

Experience the perfect blend of traditional Indonesian flavors and modern dining atmosphere. Book your table now for an unforgettable culinary journey at Rumah Makan Salwa.



Easy Booking
Simple reservation process

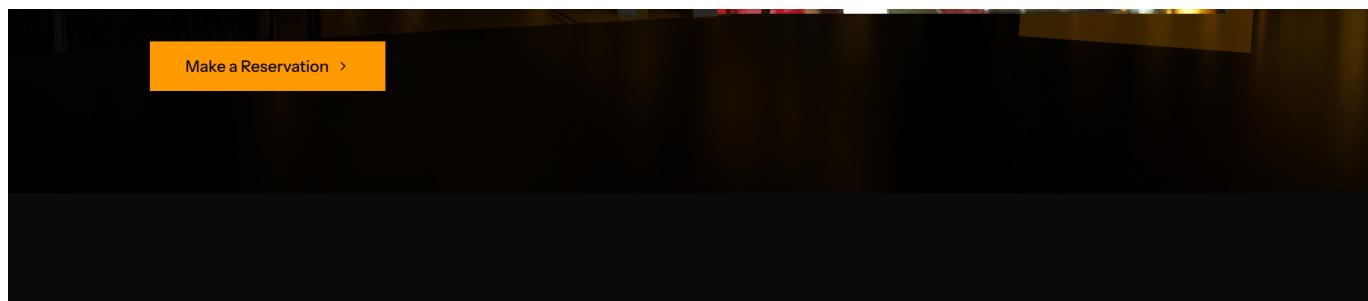


Flexible Hours
Open 7 days a week



Group Friendly
Perfect for gatherings





★ WHAT OUR GUESTS SAY

★★★★★

"The flavors at Rumah Makan Salwa are incredible! Every dish tastes authentic and reminds me of my grandmother's cooking. The rendang is a must-try!"

Andi Wijaya
Food Blogger

★★★★★

"Perfect place for family gatherings. The atmosphere is warm and inviting, and the staff is extremely attentive. We've made this our regular weekend spot."

Sarah Tanoto
Regular Customer

★★★★★

"As someone who travels frequently, I can confidently say that Rumah Makan Salwa offers some of the best Indonesian cuisine I've ever tasted. Truly exceptional!"

Michael Hartono
Business Traveler

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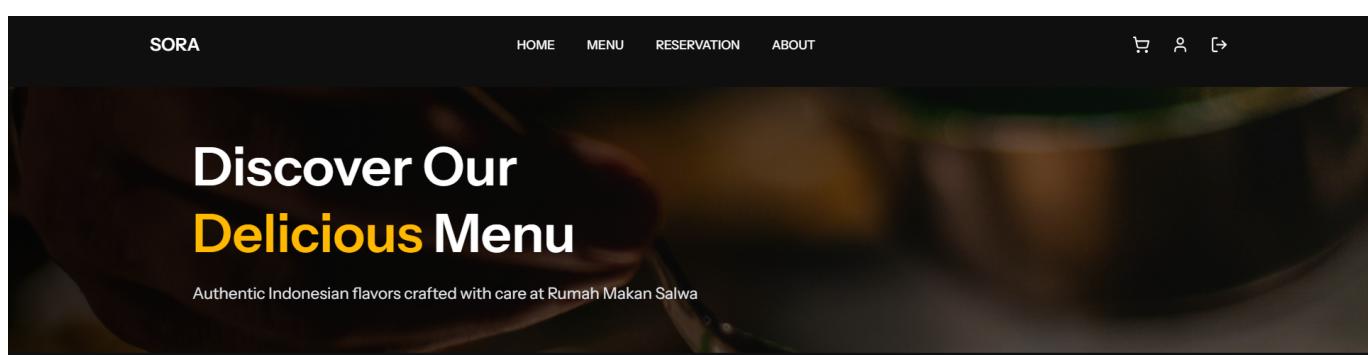
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Halaman beranda menampilkan hero section dengan gambar restoran yang menarik, diikuti dengan section promosi menu spesial. Terdapat juga section testimonial pelanggan dan informasi kontak restoran. Navigasi utama berada di bagian atas dengan menu-menu penting.

Halaman Menu



Discover Our Delicious Menu

Authentic Indonesian flavors crafted with care at Rumah Makan Salwa

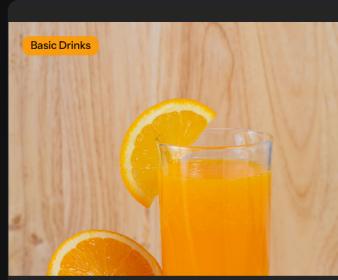
All Menu Items (15)

All Categories ▾

8 / 18

**Cappuccino Ice**

Cappuccino dingin

Rp 12,000[+ Add to Cart](#)**Es Jeruk**

Es jeruk segar

Rp 5,000[+ Add to Cart](#)**Es Kopi Susu**

Es kopi dengan susu segar

Rp 10,000[+ Add to Cart](#)**Es Teh**

Es teh manis segar

Rp 5,000[+ Add to Cart](#)**Ikan Nila Bakar**

Ikan nila bakar dengan bumbu special

Rp 40,000[+ Add to Cart](#)**Ikan Nila Goreng**

Ikan nila goreng segar

Rp 35,000[+ Add to Cart](#)**Milk Shake Coklat**

Milk shake dengan rasa coklat

Rp 12,000[+ Add to Cart](#)**Milk Shake Oreo**

Milk shake dengan campuran oreo

Rp 12,000[+ Add to Cart](#)**Ocean Blue**

Mocktail soda dengan warna biru menyegarkan

Rp 10,000[+ Add to Cart](#)

Paket 1 (Nasi + Ayam Goreng + Lalapan + Es Teh) Paket hemat dengan nasi, ayam goreng, lalapan segar, dan es teh Rp 15,000	Paket 2 (Nasi + Ayam Penyet + Lalapan + Es Teh) Paket hemat dengan nasi, ayam penyet, lalapan segar, dan es teh Rp 15,000	Paket 3 (Nasi + Ayam Penyet Sambal Ijo + Lalapan + Es Teh) Paket dengan nasi, ayam penyet sambal ijo, lalapan segar, dan es teh Rp 20,000
 Menu Ayam Goreng Kremes Ayam goreng utuh dengan lalapan segar Rp 70,000	 Menu Ayam Kremes Utuh Ayam kremes utuh dengan lalapan segar Rp 70,000	 Mocktail Soda Mocktail soda dengan campuran rasa sunrise Rp 10,000

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Halaman menu menampilkan katalog menu dalam format grid dengan gambar menu yang menarik. Setiap item menu menampilkan nama, harga, dan deskripsi singkat. Terdapat filter berdasarkan kategori dan fitur pencarian untuk memudahkan pelanggan menemukan menu yang diinginkan.

Halaman Pembayaran

The screenshot shows a payment confirmation page for a restaurant named SORA. At the top, there's a navigation bar with links for HOME, MENU, RESERVATION, and ABOUT, along with icons for shopping cart, user profile, and sharing.

Order Summary:

- Es Teh Rp 5,000
1 x Rp 5,000
- Paket 1(Nasi + Ayam Goreng + Lalapan + Es Teh) Rp 15,000
1 x Rp 15,000

Total: Rp 20,000

2 items

Payment Details:

DANA
Transfer the exact amount to complete your order

Account Number: 087874964612

Account Name: SORA

Amount: Rp 20,000

Upload Payment Proof:

Drag and drop your payment proof here or Browse Files

Please upload a clear image of your payment receipt or screenshot. Supported formats: JPG, PNG, PDF (max 5MB)

Complete Payment

Your payment will be verified within 24 hours. You will receive a confirmation email once verified.

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Halaman pembayaran menampilkan ringkasan pesanan, total pembayaran, dan form input data pembayaran. Terdapat opsi metode pembayaran yang tersedia dan instruksi pembayaran yang jelas. Tombol konfirmasi pembayaran berada di bagian bawah halaman.

Halaman Sukses Pembayaran

The screenshot shows a payment confirmation page with a dark background. At the top, there is a large circular icon with a checkmark inside. Below it, the text "Payment Successful!" is displayed in a large, bold, white font. Underneath, a smaller message reads "Your order has been confirmed". A box contains the "Order Number" (ORD-20250430-2ZLD) and a "Payment Verified" status indicator. A message of thanks for the payment is followed by a note about receiving an email confirmation. Below this, an "Order Progress" section shows three stages: "Confirmed" (with a checkmark icon), "Processing" (with a cube icon), and "Ready" (with a home icon). At the bottom, two buttons are visible: "View Orders" and "Continue Shopping".


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Halaman sukses pembayaran menampilkan konfirmasi visual dengan ikon centang besar dan pesan sukses. Terdapat detail transaksi dan nomor order untuk referensi. Tombol untuk kembali ke beranda dan melihat status pesanan tersedia di bagian bawah.

Halaman Reservasi

The screenshot shows a dark-themed website for a restaurant named 'SORA'. At the top, there's a navigation bar with links for HOME, MENU, RESERVATION, and ABOUT, along with icons for shopping cart, user profile, and a share button. Below the navigation is a large section titled 'Reserve Your Experience' with a sub-copy: 'Book your table at our motorcycle-themed café and enjoy the unique atmosphere surrounded by custom bikes and motorcycle culture.' To the left, there's a sidebar titled 'Opening Hours' listing daily operating times from Monday to Sunday. To the right, there's a main reservation form with tabs for 'Date & Time', 'Party Size', and 'Details', and a 'Select Date & Time' input field. At the bottom of the page, there's a footer section for 'RUMAH MAKAN SALWA' with social media links, a description of their cuisine, and a newsletter sign-up form.

RESERVATION SECTION

Opening Hours

Monday	08:00 - 22:00
Tuesday	08:00 - 22:00
Wednesday	08:00 - 22:00
Thursday	08:00 - 22:00
Friday	07:00 - 22:00
Saturday	08:00 - 22:00
Sunday	08:00 - 22:00

Select Date & Time

Date: dd/mm/yyyy

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Halaman reservasi menyediakan form pemesanan meja dengan kalender interaktif untuk pemilihan tanggal. Terdapat field untuk jumlah tamu, waktu reservasi, dan catatan khusus. Tampilan meja tersedia dalam format visual untuk memudahkan pemilihan.

Halaman Tentang Kami

The screenshot shows the 'ABOUT' page for 'RUMAH MAKAN SALWA'. It features a large banner with the text 'OUR STORY' and 'ABOUT RUMAH MAKAN SALWA'. Below the banner, a subtitle reads: 'A culinary journey through the rich and diverse flavors of Indonesian cuisine, crafted with passion and served with pride.' At the bottom, there's a call-to-action button labeled 'EXPLORE OUR MENU' with a small logo.

OUR HUMBLE BEGINNINGS

Founded in 2017, Rumah Makan Salwa is located at Jl. Balikpapan - Samarinda KM 15, Karang Joang, Kecamatan Balikpapan Utara. What started as a small restaurant has grown into a beloved culinary destination known for its affordable and delicious Indonesian cuisine.

Our restaurant offers a variety of dishes at affordable prices, making it perfect for families, students, and workers. In addition to our budget-friendly menu packages, we also accept large orders and provide catering services for various events.

What sets us apart is our commitment to quality. We process our own chicken, ensuring freshness and quality in every dish we serve. This dedication to quality ingredients has helped us build a reputation as a trusted dining establishment.

Beyond our culinary focus, Rumah Makan Salwa has a social mission: to provide employment opportunities for school dropouts and those who haven't yet found work. Through our commitment to quality and service, we continue to grow as a comfortable and reliable dining place while making a positive contribution to the surrounding community.



OUR VALUES

The principles that guide everything we do, from sourcing ingredients to serving our guests.



Authenticity

We stay true to traditional recipes and cooking methods, preserving the genuine flavors of Indonesian cuisine.



Quality

We use only the freshest, locally-sourced ingredients to create dishes that delight and satisfy our guests.

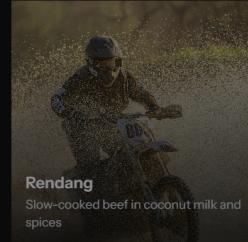
OUR CUISINE

A celebration of Indonesia's diverse culinary heritage, featuring dishes from across the archipelago.

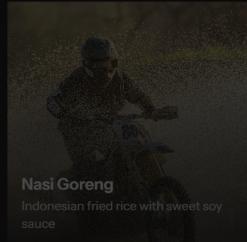
At Rumah Makan Salwa, we take pride in offering a variety of Indonesian dishes at affordable prices. Our menu features a selection of budget-friendly options that don't compromise on taste or quality.

We process our own chicken, ensuring that every dish is prepared with the freshest ingredients. This commitment to quality has helped us build a loyal customer base who appreciate our dedication to serving delicious food at reasonable prices.

In addition to our regular menu, we also offer catering services for various events, from family gatherings to corporate functions. Our team is always ready to accommodate larger groups with tailored menus to ensure the quality and taste that our customers have come to expect.



Rendang
Slow-cooked beef in coconut milk and spices



Nasi Goreng
Indonesian fried rice with sweet soy sauce

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JOIN OUR MISSION

Experience delicious Indonesian cuisine while supporting our mission to provide employment opportunities and contribute positively to our community.

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Halaman tentang kami menampilkan sejarah restoran, visi dan misi, serta tim pengelola. Desain menggunakan layout yang bersih dengan gambar-gambar yang relevan. Terdapat juga section testimonial dan prestasi restoran.

Halaman Profil

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F

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Halaman profil menampilkan informasi pribadi pengguna, riwayat pesanan, dan pengaturan akun. Terdapat opsi untuk mengedit profil, mengubah password, dan mengelola preferensi notifikasi. Riwayat transaksi ditampilkan dalam format tabel yang rapi.

3. Unit Test: Minimal 3 test case untuk fungsi-fungsi penting

Test Menu Management

Implementasi unit test untuk manajemen menu:

```
PASS Tests\Feature\MenuTest
✓ can create menu 0.57s
✓ can update menu stock 0.06s
✓ can toggle menu availability 0.06s
✓ can soft delete menu 0.06s
✓ can increment total purchased 0.18s
✓ can update menu 0.06s
✓ menu can be categorized 0.06s
```

Tests: 7 passed (11 assertions)

Duration: 1.19s

Test case yang diimplementasikan:

- Penambahan menu baru
- Pengubahan informasi menu
- Penghapusan menu
- Validasi input menu

Test Cart Functionality

Implementasi unit test untuk fungsi cart:

```
PASS Tests\Feature\CartTest
✓ user can add item to cart 0.48s
✓ user can update cart quantity 0.07s
✓ user can remove item from cart 0.08s
```

Tests: 3 passed (3 assertions)

Duration: 0.79s

Test case yang diimplementasikan:

- Penambahan item ke cart
- Update quantity item
- Penghapusan item
- Kalkulasi total harga

Test Reservation System

Implementasi unit test untuk sistem reservasi:

```
PASS Tests\Feature\ReservationTest
✓ can create reservation 0.48s
✓ can update reservation 0.19s
✓ can cancel reservation 0.08s
```

Tests: 3 passed (4 assertions)

Duration: 0.90s

Test case yang diimplementasikan:

- Pembuatan reservasi baru
- Validasi ketersediaan meja
- Pembatalan reservasi
- Update status reservasi

Test WhatsApp Integration

Implementasi unit test untuk integrasi WhatsApp:

```
PASS Tests\Feature\WhatsappNumberTest
✓ can add whatsapp number          0.39s
✓ can change primary whatsapp     0.18s
✓ whatsapp number format          0.06s

Tests:    3 passed (7 assertions)
Duration: 0.78s
```

Test case yang diimplementasikan:

- Pengaturan nomor WhatsApp utama
- Validasi format nomor
- Pengiriman notifikasi
- Manajemen multiple nomor

Link Github Repository untuk website : <https://github.com/brosora6/sora.git>

Link Github Repository untuk Laporan : https://github.com/justdyn/laporan_proweb.git