

# **LAPORAN UTS: SISTEM PEMESANAN TIKET BUS BERBASIS WEB**

Mata Kuliah: Pemrograman Web Lanjut

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## **BAB I - PENDAHULUAN**

### **1.1 Latar Belakang**

Di era digital saat ini, sistem pemesanan tiket secara manual sudah tidak efisien dan memerlukan banyak waktu serta tenaga. Oleh karena itu, dibutuhkan sebuah sistem pemesanan tiket berbasis web yang mampu mempercepat dan mempermudah proses reservasi, terutama dalam layanan transportasi seperti bus antarkota. Dengan sistem ini, pelanggan dapat memilih jadwal, rute, bus, dan kursi secara mandiri dari rumah. Sementara itu, pihak pengelola dapat dengan mudah mengelola data operasional.

### **1.2 Tujuan**

Tujuan dari pembuatan sistem ini adalah:

- Mengimplementasikan sistem CRUD menggunakan Laravel.
- Mengelola data bus, rute, jadwal keberangkatan, dan pemesanan tiket.
- Menerapkan relasi antar entitas basis data dalam sistem.
- Menyediakan antarmuka yang responsif dan mudah digunakan.

### **1.3 Manfaat**

- Memudahkan pengelola bus dalam mengelola armada dan jadwal.
- Meningkatkan pengalaman pengguna dalam melakukan pemesanan.
- Meningkatkan efisiensi dalam pendataan dan manajemen tiket.

## BAB II - ANALISIS DAN PERANCANGAN SISTEM

### 2.1 Entitas dan Relasi

Berikut adalah entitas yang dirancang dalam sistem beserta relasinya:

- Entitas Buses
  - Menyimpan data tentang armada bus.
  - Atribut: id, plate\_number, brand, seats, price\_per\_seat, status
- Entitas Routes
  - Menentukan jalur perjalanan.
  - Atribut: id, origin, destination, distance, estimated\_time
- Entitas Schedules
  - Menentukan jadwal keberangkatan dan kedatangan.
  - Atribut: id, bus\_id, route\_id, departure\_time, arrival\_time, status
- Entitas Bookings
  - Mewakili pemesanan tiket oleh penumpang.
  - Atribut: id, schedule\_id, passenger\_name, passenger\_email, seat\_number, booking\_date, status, payment\_status

### 2.2 Diagram ERD (Entity Relationship Diagram)

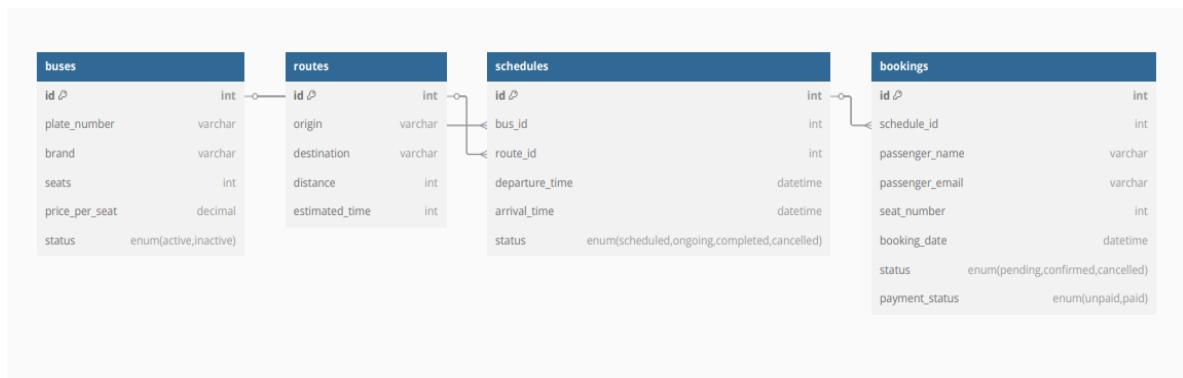


Diagram di atas menggambarkan struktur basis data dari sistem pemesanan tiket bus berbasis web yang terdiri dari 4 tabel utama: `buses`, `routes`, `schedules`, dan `bookings`. Setiap tabel memiliki atribut khusus dan terhubung melalui relasi One-to-Many.

Relasi Antar Tabel:

- Satu bus dapat memiliki banyak jadwal (schedules), relasi One-to-Many.
- Satu rute dapat memiliki banyak jadwal (schedules), relasi One-to-Many.
- Satu jadwal dapat memiliki banyak pemesanan tiket (bookings), relasi One-to-Many.

### 2.3 deskripsi tabel database

Tabel: `buses`

Field	Tipe Data	Keterangan
id	int	Primary key
plate_number	varchar	Nomor polisi kendaraan
brand	varchar	Merek bus
seats	int	Jumlah kursi
price_per_seat	decimal	Harga per kursi
status	enum(active, inactive)	Status operasional bus

Tabel: `routes`

Field	Tipe Data	Keterangan
id	int	Primary key
origin	varchar	Kota asal
destination	varchar	Kota tujuan
distance	int	Jarak tempuh dalam kilometer
estimated_time	int	Estimasi waktu dalam menit/jam

Tabel: `schedules`

Field	Tipe Data	Keterangan
id	int	Primary key
bus_id	int (foreign key → buses.id)	ID bus yang dijadwalkan
route_id	int (foreign key → routes.id)	ID rute yang dijalani
departure_time	datetime	Waktu keberangkatan
arrival_time	datetime	Waktu kedatangan
status	enum(scheduled, ongoing, completed, cancelled)	Status perjalanan

Tabel: `bookings`

Field	Tipe Data	Keterangan
id	int	Primary key
schedule_id	int (foreign key → schedules.id)	Jadwal yang dipesan
passenger_name	varchar	Nama penumpang
passenger_email	varchar	Email penumpang
seat_number	int	Nomor kursi yang dipesan
booking_date	datetime	Tanggal pemesanan
status	enum(pending, confirmed, cancelled)	Status pemesanan
payment_status	enum(unpaid, paid)	Status pembayaran

## BAB III - IMPLEMENTASI SISTEM

### 3.1 Teknologi yang Digunakan

- Backend Framework: Laravel 11
- Database: MySQL
- Frontend: Blade Template, Bootstrap 5
- Tools Pendukung: Laragon, VS Code, phpMyAdmin

### 3.2 Struktur Folder Laravel

- app/Models (Bus.php, Route.php, Schedule.php, Booking.php)
- app/Http/Controllers (BusController.php, RouteController.php, ScheduleController.php, BookingController.php)
- resources/views (buses, routes, schedules, bookings)

### 3.3 Implementasi Migration

- 2025\_05\_08\_235449\_create\_buses\_table.php

```
<?php

use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;

return new class extends Migration
{
    public function up(): void
    {
        Schema::create('buses', function (Blueprint $table)
        {
            $table->id();
            $table->string('name');
            $table->string('plate_number')->unique();
            $table->integer('seat_capacity');
            $table->timestamps();
        });
    }
    public function down(): void
    {
        Schema::dropIfExists('buses');
    }
};
```

- 2025\_05\_08\_235455\_create\_routes\_table.php

```
<?php

use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;

return new class extends Migration
{
    public function up(): void
    {
        Schema::create('routes', function (Blueprint $table) {
            $table->id();
            $table->string('origin');
            $table->string('destination');
            $table->integer('distance');
            $table->timestamps();
        });
    }

    public function down(): void
    {
        Schema::dropIfExists('routes');
    }
};
```

- 2025\_05\_08\_235458\_create\_schedules\_table.php

```
<?php

use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;

return new class extends Migration
{
    public function up(): void
    {
        Schema::create('schedules', function (Blueprint $table) {
            $table->id();
            $table->foreignId('bus_id')->constrained('buses')->onDelete('cascade');
        });
    }
};
```

```

        $table->foreignId('route_id')-
        >constrained('routes')->onDelete('cascade');
        $table->dateTime('departure_time');
        $table->decimal('price', 15, 2);
        $table->timestamps();
    });
}

public function down(): void
{
    Schema::dropIfExists('schedules');
}
};

```

- 2025\_05\_08\_235502\_create\_bookings\_table.php

```

<?php

use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;

return new class extends Migration
{
    public function up(): void
    {
        Schema::create('bookings', function (Blueprint
$table) {
            $table->id();
            $table->foreignId('schedule_id')-
            >constrained('schedules')->onDelete('cascade');
            $table->foreignId('user_id')-
            >constrained('users')->onDelete('cascade');
            $table->integer('seat_number');
            $table->enum('payment_status', ['pending',
'paid'])->default('pending');
            $table->timestamps();
        });
    }

    public function down(): void
    {
        Schema::dropIfExists('bookings');
    }
};

```

- 2025\_05\_09\_003743\_add\_role\_to\_users\_table.php

```
<?php

use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;

return new class extends Migration
{
    public function up(): void
    {
        Schema::table('users', function (Blueprint $table) {
            //
        });
    }

    public function down(): void
    {
        Schema::table('users', function (Blueprint $table) {
            //
        });
    }
};
```

- 2025\_05\_09\_031606\_add\_status\_to\_schedules\_table.php

```
<?php

use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;

return new class extends Migration
{
    public function up(): void
    {
        Schema::table('schedules', function (Blueprint
            $table) {
            //
        });
    }

    public function down(): void
    {
```



```

        Schema::table('schedules', function (Blueprint
            $table) {
                //
            });
    }
};

```

### 3.4 Implementasi Model

- Booking.php

```

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;
use Illuminate\Database\Eloquent\Factories\HasFactory;

class Booking extends Model
{
    use HasFactory;

    protected $fillable = [
        'schedule_id',
        'user_id',
        'seat_number',
        'payment_status'
    ];

    protected $casts = [
        'payment_status' => 'string'
    ];

    public function schedule()
    {
        return $this->belongsTo(Schedule::class);
    }

    public function user()
    {
        return $this->belongsTo(User::class);
    }
}

```

```

    public function isSeatAvailable($seatNumber)
    {
        return !$this->schedule->bookings()
            ->where('seat_number', $seatNumber)
            ->exists();
    }
}

```

- Bus.php

```

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;
use Illuminate\Database\Eloquent\Factories\HasFactory;

class Bus extends Model
{
    use HasFactory;

    protected $fillable = [
        'name',
        'plate_number',
        'seat_capacity'
    ];

    public function schedules()
    {
        return $this->hasMany(Schedule::class);
    }

    public function getSchedules()
    {
        return $this->schedules()->with(['route'])->get();
    }
}

```

- Route.php

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;
use Illuminate\Database\Eloquent\Factories\HasFactory;

class Route extends Model
{
    use HasFactory;

    protected $fillable = [
        'origin',
        'destination',
        'distance'
    ];

    public function schedules()
    {
        return $this->hasMany(Schedule::class);
    }

    public function getSchedules()
    {
        return $this->schedules()->with(['bus'])->get();
    }
}
```

- Schedule.php

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Schedule extends Model
{
    use HasFactory;

    protected $fillable = [
        'bus_id',
        'route_id',
    ]
}
```

```
        'departure_time',
        'price'
    ];

    protected $casts = [
        'departure_time' => 'datetime',
        'price' => 'decimal:2'
    ];

    public function bus()
    {
        return $this->belongsTo(Bus::class);
    }

    public function route()
    {
        return $this->belongsTo(Route::class);
    }

    public function bookings()
    {
        return $this->hasMany(Booking::class);
    }

    public function getBookedSeats()
    {
        return $this->bookings()->pluck('seat_number')->toArray();
    }

    public function isSeatAvailable($seatNumber)
    {
        return !$this->bookings()->where('seat_number', $seatNumber)->exists();
    }
}
```

### 3.5 Implementasi Controller

- BookingController.php

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use App\Models\Booking;
use App\Models\Schedule;

class BookingController extends Controller
{
    public function index()
    {
        $bookings = Booking::with(['schedule.bus',
'schedule.route', 'user'])
            ->latest()
            ->paginate(10);
        return view('bookings.index', compact('bookings'));
    }

    public function create()
    {
        $schedules = Schedule::with(['bus', 'route'])->get();
        return view('bookings.create', compact('schedules'));
    }

    public function store(Request $request)
    {
        $request->validate([
            'schedule_id' => 'required|exists:schedules,id',
            'seat_number' => 'required|integer|min:1',
            'payment_status' => 'required|in:pending,paid'
        ]);

        $schedule = Schedule::findOrFail($request-
>schedule_id);

        if (!$schedule->isSeatAvailable($request-
>seat_number)) {
            return back()->with('error', 'Kursi sudah
dipesan.');
```

```

        Booking::create($request->all());

        return redirect()->route('bookings.index')
            ->with('success', 'Pemesanan berhasil dibuat.');
```

 }

 public function show(Booking \$booking)
 {
 \$booking->load(['schedule.bus', 'schedule.route',
 'user']);
 return view('bookings.show', compact('booking'));
 }

 public function edit(Booking \$booking)
 {
 \$schedules = Schedule::with(['bus', 'route'])->get();
 return view('bookings.edit', compact('booking',
 'schedules'));
 }

 public function update(Request \$request, Booking \$booking)
 {
 \$request->validate([
 'schedule\_id' => 'required|exists:schedules,id',
 'seat\_number' => 'required|integer|min:1',
 'payment\_status' => 'required|in:pending,paid'
 ]);

 \$schedule = Schedule::findOrFail(\$request-
 >schedule\_id);
 if (\$request->seat\_number !== \$booking->seat\_number)
 {
 if (!\$schedule->isSeatAvailable(\$request-
 >seat\_number)) {
 return back()->with('error', 'Kursi sudah
 dipesan.');
 }
 }

 \$booking->update(\$request->all());

 return redirect()->route('bookings.index')
 ->with('success', 'Pemesanan berhasil
 diperbarui.');

```

    }
    public function destroy(Booking $booking)
    {
        $booking->delete();

        return redirect()->route('bookings.index')
            ->with('success', 'Pemesanan berhasil
            dibatalkan.');
```

- BusController.php

```

<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use App\Models\Bus;

class BusController extends Controller
{
    public function index()
    {
        $buses = Bus::latest()->paginate(10);
        return view('buses.index', compact('buses'));
    }

    public function create()
    {
        return view('buses.create');
    }

    public function store(Request $request)
    {
        $request->validate([
            'name' => 'required|string|max:255',
            'plate_number' =>
                'required|string|max:20|unique:buses',
            'seat_capacity' => 'required|integer|min:1'
        ]);

        Bus::create($request->all());

        return redirect()->route('buses.index')
            ->with('success', 'Bus berhasil ditambahkan.');
```

```

}

public function show(Bus $bus)
{
    $schedules = $bus->getSchedules();
    return view('buses.show', compact('bus',
        'schedules'));
}

public function edit(Bus $bus)
{
    return view('buses.edit', compact('bus'));
}

public function update(Request $request, Bus $bus)
{
    $request->validate([
        'name' => 'required|string|max:255',
        'plate_number' =>
            'required|string|max:20|unique:buses,plate_numberz
            ' . $bus->id,
        'seat_capacity' => 'required|integer|min:1'
    ]);

    $bus->update($request->all());

    return redirect()->route('buses.index')
        ->with('success', 'Data bus berhasil
        diperbarui.');
```

```

}

public function destroy(Bus $bus)
{
    $bus->delete();

    return redirect()->route('buses.index')
        ->with('success', 'Bus berhasil dihapus.');
```

```

}

```



- OrderTicketController.php

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use App\Models\Schedule;
use App\Models\Booking;
use App\Models\User;
use Illuminate\Support\Facades\Hash;

class OrderTicketController extends Controller
{
    public function form()
    {
        $schedules = Schedule::with(['bus', 'route'])->get();
        return view('order_ticket', compact('schedules'));
    }

    public function submit(Request $request)
    {
        $request->validate([
            'schedule_id' => 'required|exists:schedules,id',
            'name' => 'required|string|max:255',
            'email' => 'required|email|max:255',
            'seat_number' => 'required|integer|min:1',
        ]);
        $user = User::firstOrCreate(
            ['email' => $request->email],
            [
                'name' => $request->name,
                'password' => Hash::make('password123')
            ]
        );

        $schedule = Schedule::findOrFail($request->schedule_id);
        if (!$schedule->isSeatAvailable($request->seat_number)) {
            return back()->withInput()->with('error', 'Kursi sudah dipesan.');
        }

        Booking::create([
            'schedule_id' => $request->schedule_id,
```

```

        'user_id' => $user->id,
        'seat_number' => $request->seat_number,
        'payment_status' => 'pending',
    ]);

    return redirect()->route('order.ticket.form')-
        >with('success', 'Tiket berhasil dipesan!');
}
}

```

- RouteController.php

```

<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use App\Models\Route;

class RouteController extends Controller
{
    public function index()
    {
        $routes = Route::latest()->paginate(10);
        return view('routes.index', compact('routes'));
    }

    public function create()
    {
        return view('routes.create');
    }

    public function store(Request $request)
    {
        $request->validate([
            'origin' => 'required|string|max:255',
            'destination' => 'required|string|max:255',
            'distance' => 'required|integer|min:1'
        ]);

        Route::create($request->all());

        return redirect()->route('routes.index')
            ->with('success', 'Rute berhasil ditambahkan.');
```

```

public function show(Route $route)
{
    $schedules = $route->getSchedules();
    return view('routes.show', compact('route',
        'schedules'));
}

public function edit(Route $route)
{
    return view('routes.edit', compact('route'));
}

public function update(Request $request, Route $route)
{
    $request->validate([
        'origin' => 'required|string|max:255',
        'destination' => 'required|string|max:255',
        'distance' => 'required|integer|min:1'
    ]);

    $route->update($request->all());

    return redirect()->route('routes.index')
        ->with('success', 'Data rute berhasil
        diperbarui.');
```

```

    }

    public function destroy(Route $route)
    {
        $route->delete();
        return redirect()->route('routes.index')
            ->with('success', 'Rute berhasil dihapus.');
```

```

    }
}

```

- ScheduleController.php

```

<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

```

```
use App\Models\Schedule;
use App\Models\Bus;
use App\Models\Route;

class ScheduleController extends Controller
{
    public function index()
    {
        $schedules = Schedule::with(['bus', 'route'])-
            >latest()->paginate(10);
        return view('schedules.index', compact('schedules'));
    }

    public function create()
    {
        $buses = Bus::all();
        $routes = Route::all();
        return view('schedules.create', compact('buses',
            'routes'));
    }

    public function store(Request $request)
    {
        $request->validate([
            'bus_id' => 'required|exists:buses,id',
            'route_id' => 'required|exists:routes,id',
            'departure_time' => 'required|date',
            'price' => 'required|numeric|min:0'
        ]);

        Schedule::create($request->all());

        return redirect()->route('schedules.index')
            ->with('success', 'Jadwal berhasil ditambahkan.');
```

```
    }

    public function show(Schedule $schedule)
    {
        $schedule->load(['bus', 'route', 'bookings']);
        return view('schedules.show', compact('schedule'));
    }

    public function edit(Schedule $schedule)
    {
        $buses = Bus::all();
        $routes = Route::all();
```

```

        return view('schedules.edit', compact('schedule',
            'buses', 'routes'));
    }

    public function update(Request $request, Schedule
        $schedule)
    {
        $request->validate([
            'bus_id' => 'required|exists:buses,id',
            'route_id' => 'required|exists:routes,id',
            'departure_time' => 'required|date',
            'price' => 'required|numeric|min:0'
        ]);

        $schedule->update($request->all());

        return redirect()->route('schedules.index')
            ->with('success', 'Jadwal berhasil diperbarui.');
```

```

    }

    public function destroy(Schedule $schedule)
    {
        $schedule->delete();

        return redirect()->route('schedules.index')
            ->with('success', 'Jadwal berhasil dihapus.');
```

```

    }
}

```

### 3.6 Implementasi View

- View Bookings
  - create.blade.php

```

@extends('layouts.app')

@section('content')
<div class="mb-4">
    <div class="d-flex align-items-center">
        <i class="bi bi-ticket-perforated fs-1 text-
            primary me-3"></i>
        <div>
            <h2 class="mb-0">Tambah Pemesanan Baru</h2>

```

```

        <small class="text-muted">Masukkan data
pemesanan tiket bus.</small>
    </div>
</div>
</div>
<div class="card shadow-sm border-0">
    <div class="card-body">
        <form action="{{ route('bookings.store') }}"
method="POST">
            @csrf
            <div class="mb-3">
                <label for="schedule_id" class="form-
label">Jadwal</label>
                <select class="form-select
@error('schedule_id') is-invalid @enderror"
id="schedule_id" name="schedule_id" required>
                    <option value="">Pilih
Jadwal</option>
                    @foreach($schedules as $schedule)
                        <option value="{{ $schedule->id
}}" {{ old('schedule_id') == $schedule->id ? 'selected'
: '' }}>
                            {{ $schedule->bus->name }} |
                            {{ $schedule->route->origin }}-{{ $schedule->route-
>destination }} | {{ $schedule->departure_time-
>format('d/m/Y H:i') }}
                        </option>
                    @endforeach
                </select>
                @error('schedule_id')
                    <div class="invalid-feedback d-
block">{{ $message }}</div>
                @enderror
            </div>
            <div class="mb-3">
                <label for="seat_number" class="form-
label">Nomor Kursi</label>
                <div class="input-group">
                    <span class="input-group-text"><i
class="bi bi-person-fill"></i></span>
                    <input type="number" class="form-
control @error('seat_number') is-invalid @enderror"
id="seat_number" name="seat_number" value="{{
old('seat_number') }}" required min="1">

```

```

        @error('seat_number')
        <div class="invalid-feedback d-
block">{{ $message }}</div>
        @enderror
    </div>
</div>
<div class="mb-3">
    <label for="payment_status" class="form-
label">Status Pembayaran</label>
    <select class="form-select
@error('payment_status') is-invalid @enderror"
id="payment_status" name="payment_status" required>
        <option value="pending" {{
old('payment_status') == 'pending' ? 'selected' : ''
}}>Pending</option>
        <option value="paid" {{
old('payment_status') == 'paid' ? 'selected' : ''
}}>Paid</option>
    </select>
    @error('payment_status')
    <div class="invalid-feedback d-
block">{{ $message }}</div>
    @enderror
</div>
<div class="d-flex justify-content-between">
    <a href="{{ route('bookings.index') }}"
class="btn btn-secondary">
        <i class="bi bi-arrow-left"></i>
        Kembali
    </a>
    <button type="submit" class="btn btn-
primary">
        <i class="bi bi-save"></i> Simpan
    </button>
</div>
</form>
</div>
</div>
@endsection

```

- edit.blade.php

```

@extends('layouts.app')

@section('content')
<div class="container">
    <div class="row justify-content-center">

```

```

<div class="col-md-8">
  <div class="card">
    <div class="card-header">
      <h4 class="mb-0">Edit Pemesanan</h4>
    </div>

    <div class="card-body">
      <form action="{{
route('bookings.update', $booking->id) }}" method="POST">
        @csrf
        @method('PUT')

        <div class="mb-3">
          <label for="schedule_id"
class="form-label">Jadwal</label>
          <select class="form-select
@error('schedule_id') is-invalid @enderror"
id="schedule_id" name="schedule_id" required>
            <option value="">Pilih
Jadwal</option>

            @foreach($schedules as
$schedule)

              <option value="{{
$schedule->id }}" {{ $booking->schedule_id == $schedule->id
? 'selected' : '' }}>
                {{ $schedule-
>route->origin }} - {{ $schedule->route->destination }}
                ({{
\Carbon\Carbon::parse($schedule->departure_time)->format('d
M Y H:i') }})
              </option>
            @endforeach
          </select>
          @error('schedule_id')
            <div class="invalid-
feedback">{{ $message }}</div>
          @enderror
        </div>

        <div class="mb-3">
          <label for="passenger_name"
class="form-label">Nama Penumpang</label>
          <input type="text" class="form-
control @error('passenger_name') is-invalid @enderror"

```



```

        id="passenger_name"
name="passenger_name" value="{{ old('passenger_name',
$booking->passenger_name) }}" required>
        @error('passenger_name')
        <div class="invalid-
feedback">{{ $message }}</div>
        @enderror
    </div>

    <div class="mb-3">
        <label for="passenger_email"
class="form-label">Email Penumpang</label>
        <input type="email"
class="form-control @error('passenger_email') is-invalid
@enderror"
        id="passenger_email"
name="passenger_email" value="{{ old('passenger_email',
$booking->passenger_email) }}" required>
        @error('passenger_email')
        <div class="invalid-
feedback">{{ $message }}</div>
        @enderror
    </div>

    <div class="mb-3">
        <label for="seat_number"
class="form-label">Nomor Kursi</label>
        <input type="number"
class="form-control @error('seat_number') is-invalid
@enderror"
        id="seat_number"
name="seat_number" value="{{ old('seat_number', $booking-
>seat_number) }}" required>
        @error('seat_number')
        <div class="invalid-
feedback">{{ $message }}</div>
        @enderror
    </div>

    <div class="mb-3">
        <label for="booking_date"
class="form-label">Tanggal Pemesanan</label>
        <input type="datetime-local"
class="form-control @error('booking_date') is-invalid
@enderror"

```

```

        id="booking_date"
name="booking_date" value="{{ old('booking_date',
\Carbon\Carbon::parse($booking->booking_date)->format('Y-m-
d\TH:i')) }}" required>

        @error('booking_date')
        <div class="invalid-
feedback">{{ $message }}</div>
        @enderror
    </div>

    <div class="mb-3">
        <label for="status"
class="form-label">Status Pemesanan</label>
        <select class="form-select
@error('status') is-invalid @enderror" id="status"
name="status" required>
            <option value="pending" {{
$booking->status == 'pending' ? 'selected' : ''
}}>Pending</option>
            <option value="confirmed"
{{ $booking->status == 'confirmed' ? 'selected' : ''
}}>Confirmed</option>
            <option value="cancelled"
{{ $booking->status == 'cancelled' ? 'selected' : ''
}}>Cancelled</option>
        </select>
        @error('status')
        <div class="invalid-
feedback">{{ $message }}</div>
        @enderror
    </div>

    <div class="mb-3">
        <label for="payment_status"
class="form-label">Status Pembayaran</label>
        <select class="form-select
@error('payment_status') is-invalid @enderror"
id="payment_status" name="payment_status" required>
            <option value="unpaid" {{
$booking->payment_status == 'unpaid' ? 'selected' : ''
}}>Unpaid</option>
            <option value="paid" {{
$booking->payment_status == 'paid' ? 'selected' : ''
}}>Paid</option>
        </select>

```

```
@error('payment_status')
    <div class="invalid-feedback">{{ $message }}</div>
@enderror
</div>

<div class="d-flex justify-content-between">
    <a href="{{ route('bookings.index') }}" class="btn btn-secondary">
        <i class="bi bi-arrow-left"></i> Kembali
    </a>
    <button type="submit"
class="btn btn-primary">
        <i class="bi bi-save"></i>
Simpan Perubahan
    </button>
</div>
</form>
</div>
</div>
</div>
</div>
</div>
@endsection
```

- index.blade.php

```
@extends('layouts.app')

@section('content')
<div class="mb-4">
    <div class="d-flex align-items-center">
        <i class="bi bi-ticket-perforated fs-1 text-
primary me-3"></i>
        <div>
            <h2 class="mb-0">Manajemen Pemesanan
Tiket</h2>
            <small class="text-muted">Kelola data
pemesanan tiket bus oleh penumpang.</small>
        </div>
        <div class="ms-auto">
```

```

        <a href="{{ route('bookings.create') }}"
class="btn btn-success shadow-sm">
            <i class="bi bi-plus-circle"></i> Tambah
Pemesanan
        </a>
    </div>
</div>
</div>
</div>

<div class="card shadow-sm border-0">
    <div class="card-body">
        <div class="table-responsive">
            <table class="table align-middle table-hover">
                <thead class="table-primary">
                    <tr>
                        <th>#</th>
                        <th>Jadwal</th>
                        <th>Nama Penumpang</th>
                        <th>No Kursi</th>
                        <th>Status Pembayaran</th>
                        <th class="text-end">Aksi</th>
                    </tr>
                </thead>
                <tbody>
                    @forelse($bookings as $booking)
                        <tr>
                            <td>{{ $loop->iteration +
($bookings->currentPage() - 1) * $bookings->perPage()
}}</td>
                            <td>
                                <span class="badge bg-
primary"><i class="bi bi-bus-front"></i> {{ $booking-
>schedule->bus->name }}</span><br>
                                <span class="badge bg-info
text-dark"><i class="bi bi-signpost-2"></i> {{ $booking-
>schedule->route->origin }} - {{ $booking->schedule-
>route->destination }}</span><br>
                                <span class="badge bg-
secondary"><i class="bi bi-clock"></i> {{ $booking-
>schedule->departure_time->format('d/m/Y H:i') }}</span>
                                </td>
                            <td>{{ $booking->user->name ?? '-'
}}</td>

```

```

                <td><span class="badge bg-warning
text-dark"><i class="bi bi-person-fill"></i> {{ $booking-
>seat_number }}</span></td>
                <td>
                    <span class="badge bg-{{
$booking->payment_status == 'paid' ? 'success' : 'warning'
}}">
                        <i class="bi bi-cash-
coin"></i> {{ ucfirst($booking->payment_status) }}
                    </span>
                </td>
                <td class="text-end">
                    <a href="{{
route('bookings.show', $booking) }}" class="btn btn-
outline-info btn-sm" title="Detail">
                        <i class="bi bi-eye"></i>
                    </a>
                    <a href="{{
route('bookings.edit', $booking) }}" class="btn btn-
outline-warning btn-sm" title="Edit">
                        <i class="bi bi-pencil-
square"></i>
                    </a>
                    <form action="{{
route('bookings.destroy', $booking) }}" method="POST"
class="d-inline">
                        @csrf
                        @method('DELETE')
                        <button type="submit"
class="btn btn-outline-danger btn-sm" title="Hapus"
onclick="return confirm('Batalkan pemesanan ini?')">
                            <i class="bi bi-
trash"></i>
                        </button>
                    </form>
                </td>
            </tr>
            @empty
            <tr>
                <td colspan="6" class="text-center
text-muted">Belum ada data pemesanan.</td>
            </tr>
        @endforelse
    </tbody>
</table>

```

```

        </div>
        <div class="mt-3">
            {{ $bookings->links() }}
        </div>
    </div>
</div>
@endsection

```

- show.blade.php

```

@extends('layouts.app')

@section('content')
<div class="container">
    <div class="row justify-content-center">
        <div class="col-md-8">
            <div class="card">
                <div class="card-header">
                    <h4 class="mb-0">Detail Pemesanan</h4>
                </div>

                <div class="card-body">
                    <div class="row mb-3">
                        <div class="col-md-4 fw-bold">ID
Pemesanan</div>
                        <div class="col-md-8">#{{ $booking-
>id }}</div>
                    </div>

                    <div class="row mb-3">
                        <div class="col-md-4 fw-
bold">Jadwal</div>
                        <div class="col-md-8">
                            {{ $booking->schedule->route-
>origin }} - {{ $booking->schedule->route->destination }}
                            <br>
                            <small class="text-muted">
                                {{
\Carbon\Carbon::parse($booking->schedule->departure_time)-
>format('d M Y H:i') }}
                            </small>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

```

```

        <div class="row mb-3">
            <div class="col-md-4 fw-bold">Nama
Penumpang</div>
            <div class="col-md-8">{{ $booking-
>passenger_name }}</div>
        </div>

        <div class="row mb-3">
            <div class="col-md-4 fw-bold">Email
Penumpang</div>
            <div class="col-md-8">{{ $booking-
>passenger_email }}</div>
        </div>

        <div class="row mb-3">
            <div class="col-md-4 fw-bold">Nomor
Kursi</div>
            <div class="col-md-8">{{ $booking-
>seat_number }}</div>
        </div>

        <div class="row mb-3">
            <div class="col-md-4 fw-
bold">Tanggal Pemesanan</div>
            <div class="col-md-8">
                {{
\Carbon\Carbon::parse($booking->booking_date)->format('d M Y
H:i') }}
            </div>
        </div>

        <div class="row mb-3">
            <div class="col-md-4 fw-bold">Status
Pemesanan</div>
            <div class="col-md-8">
                @if($booking->status ==
'pending')
                    <span class="badge bg-
warning">Pending</span>
                @elseif($booking->status ==
'confirmed')
                    <span class="badge bg-
success">Confirmed</span>
                @else

```

```

                <span class="badge bg-
danger">Cancelled</span>
            @endif
        </div>
    </div>

    <div class="row mb-3">
        <div class="col-md-4 fw-bold">Status
Pembayaran</div>
        <div class="col-md-8">
            @if($booking->payment_status ==
'paid')
                <span class="badge bg-
success">Paid</span>
            @else
                <span class="badge bg-
danger">Unpaid</span>
            @endif
        </div>
    </div>

    <div class="row mb-3">
        <div class="col-md-4 fw-
bold">Bus</div>
        <div class="col-md-8">
            {{ $booking->schedule->bus-
>brand }} ({{ $booking->schedule->bus->plate_number }})
        </div>
    </div>

    <div class="row mb-3">
        <div class="col-md-4 fw-bold">Harga
Tiket</div>
        <div class="col-md-8">
            Rp {{ number_format($booking-
>schedule->bus->price_per_seat, 0, ',', '.') }}
        </div>
    </div>

    <div class="d-flex justify-content-
between">
        <a href="{{ route('bookings.index')
}}" class="btn btn-secondary">
            <i class="bi bi-arrow-left"></i>
Kembali

```





```

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

<div class="card shadow-sm border-0">
    <div class="card-body">
        <form action="{{ route('buses.store') }}"
method="POST">
            @csrf
            <div class="mb-3">
                <label for="name" class="form-label">Nama
Bus</label>

                <div class="input-group">
                    <span class="input-group-text"><i
class="bi bi-bus-front"></i></span>
                    <input type="text" class="form-control
@error('name') is-invalid @enderror" id="name" name="name"
value="{{ old('name') }}" required>
                    @error('name')
                        <div class="invalid-feedback d-
block">{{ $message }}</div>
                    @enderror
                </div>
            </div>

            <div class="mb-3">
                <label for="plate_number" class="form-
label">Nomor Plat</label>
                <div class="input-group">
                    <span class="input-group-text"><i
class="bi bi-credit-card-2-front"></i></span>
                    <input type="text" class="form-control
@error('plate_number') is-invalid @enderror"
id="plate_number" name="plate_number" value="{{
old('plate_number') }}" required>
                    @error('plate_number')
                        <div class="invalid-feedback d-
block">{{ $message }}</div>
                    @enderror
                </div>
            </div>

            <div class="mb-3">
                <label for="seat_capacity" class="form-
label">Kapasitas Kursi</label>

```

```

        <div class="input-group">
            <span class="input-group-text"><i
class="bi bi-person-fill"></i></span>
            <input type="number" class="form-control
@error('seat_capacity') is-invalid @enderror"
id="seat_capacity" name="seat_capacity" value="{{
old('seat_capacity') }}" required min="1">
            @error('seat_capacity')
            <div class="invalid-feedback d-
block">{{ $message }}</div>
            @enderror
        </div>
    </div>

    <div class="d-flex justify-content-between">
        <a href="{{ route('buses.index') }}"
class="btn btn-secondary">
            <i class="bi bi-arrow-left"></i> Kembali
        </a>
        <button type="submit" class="btn btn-
primary">
            <i class="bi bi-save"></i> Simpan
        </button>
    </div>
</form>
</div>
</div>
@endsection

```

- edit.blade.php

```

@extends('layouts.app')

@section('content')
<div class="card">
    <div class="card-header">
        <h2>Edit Bus</h2>
    </div>
    <div class="card-body">
        <form action="{{ route('buses.update', $bus) }}"
method="POST">
            @csrf
            @method('PUT')
            <div class="mb-3">
                <label for="name" class="form-label">Nama
Bus</label>

```

```

        <input type="text" class="form-control
@error('name') is-invalid @enderror" id="name" name="name"
value="{{ old('name', $bus->name) }}" required>
        @error('name')
            <div class="invalid-feedback">{{
$message }}</div>
        @enderror
    </div>
    <div class="mb-3">
        <label for="plate_number" class="form-
label">Nomor Plat</label>
        <input type="text" class="form-control
@error('plate_number') is-invalid @enderror"
id="plate_number" name="plate_number" value="{{
old('plate_number', $bus->plate_number) }}" required>
        @error('plate_number')
            <div class="invalid-feedback">{{
$message }}</div>
        @enderror
    </div>

    <div class="mb-3">
        <label for="seat_capacity" class="form-
label">Kapasitas Kursi</label>
        <input type="number" class="form-control
@error('seat_capacity') is-invalid @enderror"
id="seat_capacity" name="seat_capacity" value="{{
old('seat_capacity', $bus->seat_capacity) }}" required
min="1">
        @error('seat_capacity')
            <div class="invalid-feedback">{{
$message }}</div>
        @enderror
    </div>

    <div class="d-flex justify-content-between">
        <a href="{{ route('buses.index') }}"
class="btn btn-secondary">Kembali</a>
        <button type="submit" class="btn btn-
primary">Update</button>
    </div>
</form>
</div>
</div>
@endsection

```



```

        $jadwalCount = $bus->schedules-
>count();
        $kursiTerisi = $bus->schedules-
>sum(fn($s) => $s->bookings->count());
        $totalKursi = $bus->seat_capacity *
max($jadwalCount,1);
        $okupansi = $totalKursi ?
round($kursiTerisi / $totalKursi * 100, 2) : 0;
        $isActive = $jadwalCount > 0;
    @endphp
    <tr>
        <td>{{ $loop->iteration + ($buses-
>currentPage() - 1) * $buses->perPage() }}</td>
        <td class="fw-semibold">{{ $bus-
>name }}</td>
        <td><span class="badge bg-
secondary">{{ $bus->plate_number }}</span></td>
        <td>
            <span class="badge bg-info text-
dark">
                <i class="bi bi-person-
fill"></i> {{ $bus->seat_capacity }}
            </span>
        </td>
        <td><span class="badge bg-
primary">{{ $jadwalCount }}</span></td>
        <td><span class="badge bg-info text-
dark">{{ $kursiTerisi }}</span></td>
        <td><span class="badge bg-
success">{{ $okupansi }}%</span></td>
        <td>
            <span class="badge bg-{{
$isActive ? 'success' : 'secondary' }}">{{ $isActive ?
'Aktif' : 'Tidak Aktif' }}</span>
        </td>
        <td class="text-end">
            <a href="{{ route('buses.show',
$bus) }}" class="btn btn-outline-info btn-sm"
title="Detail">
                <i class="bi bi-eye"></i>
            </a>
            <a href="{{ route('buses.edit',
$bus) }}" class="btn btn-outline-warning btn-sm"
title="Edit">

```

```

                <i class="bi bi-pencil-square"></i>
            </a>
            <form action="{{
route('buses.destroy', $bus) }}" method="POST" class="d-
inline">
                @csrf
                @method('DELETE')
                <button type="submit"
class="btn btn-outline-danger btn-sm" title="Hapus"
onclick="return confirm('Hapus bus ini?')">
                    <i class="bi bi-
trash"></i>
                </button>
            </form>
        </td>
    </tr>
    @empty
    <tr>
        <td colspan="9" class="text-center
text-muted">Belum ada data bus.</td>
    </tr>
    @endforelse
</tbody>
</table>
</div>
<div class="mt-3">
    {{ $buses->links() }}
</div>
</div>
</div>
@endsection

```

- show.blade.php

```

@extends('layouts.app')

@section('content')
<div class="mb-4">
    <div class="d-flex align-items-center">
        <i class="bi bi-bus-front-fill fs-1 text-primary me-
3"></i>
        <div>
            <h2 class="mb-0">Detail Bus: <span class="text-
primary">{{ $bus->name }}</span></h2>

```

```

        <small class="text-muted">Informasi lengkap bus,
jadwal, dan penumpang.</small>
    </div>
</div>
</div>

<div class="row mb-4">
    <div class="col-md-6">
        <div class="card shadow-sm border-0 mb-3">
            <div class="card-body">
                <h5 class="card-title mb-3"><i class="bi bi-
bus-front text-primary"></i> Info Bus</h5>
                <table class="table table-borderless mb-0">
                    <tr>
                        <th>Nama Bus</th>
                        <td class="fw-semibold">{{ $bus-
>name }}</td>
                    </tr>
                    <tr>
                        <th>Nomor Plat</th>
                        <td><span class="badge bg-
secondary">{{ $bus->plate_number }}</span></td>
                    </tr>
                    <tr>
                        <th>Kapasitas Kursi</th>
                        <td><span class="badge bg-info text-
dark"><i class="bi bi-person-fill"></i> {{ $bus-
>seat_capacity }}</span></td>
                    </tr>
                    <tr>
                        <th>Status Bus</th>
                        <td>
                            @php $isActive = $schedules-
>count() > 0; @endphp
                            <span class="badge bg-{{
$isActive ? 'success' : 'secondary' }}">{{ $isActive ?
'Aktif' : 'Tidak Aktif' }}</span>
                        </td>
                    </tr>
                </table>
            </div>
        </div>
    </div>
    <div class="col-md-6">
        <div class="card shadow-sm border-0 mb-3">

```



```

        <div class="card-body">
            <h5 class="card-title mb-3"><i class="bi bi-bar-chart-line text-primary"></i> Statistik Bus</h5>
            <div class="row text-center">
                <div class="col-6 mb-2">
                    <div class="fw-bold">Jadwal
Aktif</div>
                    <span class="badge bg-primary fs-6">{{ $schedules->count() }}</span>
                </div>
                <div class="col-6 mb-2">
                    <div class="fw-bold">Total Kursi
Terisi</div>
                    <span class="badge bg-info text-dark fs-6">{{ $schedules->sum(fn($s) => $s->bookings->count()) }}</span>
                </div>
                <div class="col-6 mb-2">
                    <div class="fw-bold">Okupansi</div>
                    @php
                        $totalKursi = $bus->seat_capacity * max($schedules->count(),1);
                        $terisi = $schedules->sum(fn($s) => $s->bookings->count());
                        $persen = $totalKursi ? round($terisi / $totalKursi * 100, 2) : 0;
                    @endphp
                    <span class="badge bg-success fs-6">{{ $persen }}%</span>
                </div>
                <div class="col-6 mb-2">
                    <div class="fw-bold">Kapasitas
Total</div>
                    <span class="badge bg-secondary fs-6">{{ $totalKursi }}</span>
                </div>
            </div>
        </div>
    </div>
</div>
<div class="card mb-4">
    <div class="card-header">

```

```

        <h4 class="mb-0"><i class="bi bi-calendar2-
week"></i> Jadwal Bus</h4>
    </div>
    <div class="card-body">
        <div class="table-responsive">
            <table class="table table-striped align-middle">
                <thead class="table-primary">
                    <tr>
                        <th>ID</th>
                        <th>Rute</th>
                        <th>Waktu Keberangkatan</th>
                        <th>Harga</th>
                        <th>Kursi Terisi</th>
                        <th>Aksi</th>
                    </tr>
                </thead>
                <tbody>
                    @forelse($schedules as $schedule)
                        <tr>
                            <td>{{ $schedule->id }}</td>
                            <td><span class="badge bg-info text-
dark"><i class="bi bi-signpost-2"></i> {{ $schedule->route-
>origin }} - {{ $schedule->route->destination }}</span></td>
                            <td><span class="badge bg-
secondary"><i class="bi bi-clock"></i> {{ $schedule-
>departure_time->format('d/m/Y H:i') }}</span></td>
                            <td><span class="badge bg-
success">Rp {{ number_format($schedule->price, 0, ',', '.')
}}</span></td>
                            <td><span class="badge bg-info text-
dark">{{ $schedule->bookings->count() }} / {{ $bus-
>seat_capacity }}</span></td>
                            <td>
                                <a href="{{
route('schedules.show', $schedule) }}" class="btn btn-
outline-info btn-sm" title="Detail Jadwal"><i class="bi bi-
eye"></i></a>
                            </td>
                        </tr>
                    @empty
                        <tr>
                            <td colspan="6" class="text-
center">Belum ada jadwal untuk bus ini.</td>
                        </tr>
                    @endforelse

```

```

        </tbody>
    </table>
</div>
</div>
</div>
</div>

{{-- Daftar Penumpang --}}
<div class="card mt-4">
    <div class="card-header d-flex justify-content-between align-items-center">
        <h4 class="mb-0"><i class="bi bi-people"></i> Daftar
        Penumpang</h4>
        <div>
            <select id="filter-jadwal" class="form-select form-select-sm">
                <option value="">Semua Jadwal</option>
                @foreach($schedules as $s)
                    <option value="jadwal-{{ $s->id }}">{{
                    $s->route->origin }} - {{ $s->route->destination }} ({{ $s-
                    >departure_time->format('d/m/Y H:i') }})</option>
                @endforeach
            </select>
        </div>
    </div>
    <div class="card-body">
        <div class="table-responsive">
            <table class="table table-bordered table-striped align-middle" id="penumpang-table">
                <thead class="table-primary">
                    <tr>
                        <th>Nama</th>
                        <th>Email</th>
                        <th>Jadwal</th>
                        <th>No Kursi</th>
                        <th>Status Pembayaran</th>
                    </tr>
                </thead>
                <tbody>
                    @php
                        $allBookings = $schedules-
                    >flatMap(function($s) {
                        return $s->bookings-
                    >map(function($b) use ($s) {

```

```

        $b->jadwal_info = $s->route-
>origin.'-'. $s->route->destination.' ('.$s->departure_time-
>format('d/m/Y H:i').')';
        $b->jadwal_id = $s->id;
        return $b;
    });
    });
@endphp
@forelse($allBookings as $booking)
    <tr class="jadwal-row jadwal-{{
$booking->jadwal_id }}">
        <td>{{ $booking->user->name ?? '-'
}}</td>
        <td>{{ $booking->user->email ?? '-'
}}</td>
        <td>{{ $booking->jadwal_info }}</td>
        <td><span class="badge bg-warning
text-dark"><i class="bi bi-person-fill"></i> {{ $booking-
>seat_number }}</span></td>
        <td>
            <span class="badge bg-{{
$booking->payment_status == 'paid' ? 'success' : 'warning'
}}">
                {{ ucfirst($booking-
>payment_status) }}
            </span>
        </td>
    </tr>
    @empty
    <tr>
        <td colspan="5" class="text-
center">Belum ada penumpang untuk bus ini.</td>
    </tr>
    @endforelse
</tbody>
</table>
</div>
</div>
</div>

<div class="mt-4">
    <a href="{{ route('buses.index') }}" class="btn btn-
secondary"><i class="bi bi-arrow-left"></i> Kembali</a>
    <a href="{{ route('buses.edit', $bus) }}" class="btn
btn-warning"><i class="bi bi-pencil-square"></i> Edit</a>

```

```

</div>
@endsection

@section('scripts')
<script>
    document.getElementById('filter-
jadwal').addEventListener('change', function() {
        let val = this.value;
        document.querySelectorAll('.jadwal-row').forEach(row
=> {
            if (!val || row.classList.contains(val)) {
                row.style.display = '';
            } else {
                row.style.display = 'none';
            }
        });
    });
</script>
@endsection

```

- View Layouts
  - App.blade.php

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Raaster Trans - Sistem Pemesanan Tiket Bus</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/b
ootstrap.min.css" rel="stylesheet">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.11.3/font/bootstrap-icons.css" rel="stylesheet">
    <style>
        .main-header {
            background: linear-gradient(90deg, #0d6efd 0%,
#0dcafa 100%);
            color: #fff;
            padding: 2.5rem 0 2rem 0;
            margin-bottom: 2rem;
            box-shadow: 0 2px 8px rgba(0,0,0,0.05);
        }
    </style>

```

```

        .main-header .header-icon {
            font-size: 3rem;
            opacity: 0.8;
        }
        .navbar .nav-link.active, .navbar .nav-link:focus {
            font-weight: bold;
            color: #0d6efd !important;
        }
        .navbar .nav-link:hover {
            color: #0dcaf0 !important;
        }
    </style>
</head>
<body>
    <nav class="navbar navbar-expand-lg navbar-light bg-white
shadow-sm fixed-top">
        <div class="container">
            <a class="navbar-brand d-flex align-items-center"
href="{{ url('/') }}">
                <i class="bi bi-bus-front-fill fs-3 text-
primary me-2"></i>
                <span class="fw-bold text-primary">Raaster
Trans</span>
            </a>
            <button class="navbar-toggler" type="button"
data-bs-toggle="collapse" data-bs-target="#navbarNav">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse"
id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item">
                        <a class="nav-link {{ request()-
>is('buses*') ? 'active' : '' }}" href="{{
route('buses.index') }}">
                            <i class="bi bi-bus-front"></i>
Bus
                            </a>
                        </li>
                    <li class="nav-item">
                        <a class="nav-link {{ request()-
>is('routes*') ? 'active' : '' }}" href="{{
route('routes.index') }}">
                            <i class="bi bi-signpost-2"></i>
Rute

```

```

        </a>
    </li>
    <li class="nav-item">
        <a class="nav-link {{ request()-
>is('schedules*') ? 'active' : '' }}" href="{{
route('schedules.index') }}">
            <i class="bi bi-calendar2-
week"></i> Jadwal
        </a>
    </li>
    <li class="nav-item">
        <a class="nav-link {{ request()-
>is('bookings*') ? 'active' : '' }}" href="{{
route('bookings.index') }}">
            <i class="bi bi-ticket-
perforated"></i> Pemesanan
        </a>
    </li>
</ul>
</div>
</div>
</nav>

<!-- Header/Banner -->
<div class="main-header text-center mt-5">
    <div class="container">
        <i class="bi bi-bus-front-fill header-icon mb-
2"></i>
        <h1 class="fw-bold mb-2">Sistem Pemesanan Tiket
Bus</h1>
        <p class="lead mb-0">Mudah, cepat, dan aman
memesan tiket bus bersama <b>Raaster Trans</b>.</p>
    </div>
</div>

<div class="container mt-4">
    @if(session('success'))
        <div class="alert alert-success">
            {{ session('success') }}
        </div>
    @endif

    @if(session('error'))
        <div class="alert alert-danger">
            {{ session('error') }}

```

```

        </div>
    @endif

    @yield('content')
</div>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>

```

- View Routes
- create.blade.php

```

@extends('layouts.app')

@section('content')
<div class="mb-4">
    <div class="d-flex align-items-center">
        <i class="bi bi-signpost-2 fs-1 text-primary me-3"></i>
        <div>
            <h2 class="mb-0">Tambah Rute Baru</h2>
            <small class="text-muted">Masukkan data rute perjalanan bus yang baru.</small>
        </div>
    </div>
</div>

<div class="card shadow-sm border-0">
    <div class="card-body">
        <form action="{{ route('routes.store') }}" method="POST">
            @csrf
            <div class="mb-3">
                <label for="origin" class="form-label">Asal</label>
                <div class="input-group">
                    <span class="input-group-text"><i class="bi bi-geo-alt"></i></span>

```



```

        <input type="text" class="form-control
@error('origin') is-invalid @enderror" id="origin"
name="origin" value="{{ old('origin') }}" required>
        @error('origin')
        <div class="invalid-feedback d-
block">{{ $message }}</div>
        @enderror
    </div>
</div>
<div class="mb-3">
    <label for="destination" class="form-
label">Tujuan</label>
    <div class="input-group">
        <span class="input-group-text"><i
class="bi bi-geo"></i></span>
        <input type="text" class="form-control
@error('destination') is-invalid @enderror" id="destination"
name="destination" value="{{ old('destination') }}" required>
        @error('destination')
        <div class="invalid-feedback d-
block">{{ $message }}</div>
        @enderror
    </div>
</div>
<div class="mb-3">
    <label for="distance" class="form-label">Jarak
(km)</label>
    <div class="input-group">
        <span class="input-group-text"><i
class="bi bi-rulers"></i></span>
        <input type="number" class="form-control
@error('distance') is-invalid @enderror" id="distance"
name="distance" value="{{ old('distance') }}" required
min="1">
        @error('distance')
        <div class="invalid-feedback d-
block">{{ $message }}</div>
        @enderror
    </div>
</div>
<div class="d-flex justify-content-between">
    <a href="{{ route('routes.index') }}"
class="btn btn-secondary">
        <i class="bi bi-arrow-left"></i> Kembali
    </a>

```

```

        <button type="submit" class="btn btn-primary">
            <i class="bi bi-save"></i> Simpan
        </button>
    </div>
</form>
</div>
</div>
@endsection

```

- edit.blade.php

```

@extends('layouts.app')

@section('content')
<div class="container">
    <div class="row justify-content-center">
        <div class="col-md-8">
            <div class="card">
                <div class="card-header">
                    <h4 class="mb-0">Edit Rute</h4>
                </div>

                <div class="card-body">
                    <form action="{{ route('routes.update',
$route->id) }}" method="POST">
                        @csrf
                        @method('PUT')

                        <div class="mb-3">
                            <label for="origin" class="form-
label">Kota Keberangkatan</label>
                            <input type="text" class="form-
control @error('origin') is-invalid @enderror"
                                id="origin" name="origin"
value="{{ old('origin', $route->origin) }}" required>
                            @error('origin')
                                <div class="invalid-
feedback">{{ $message }}</div>
                            @enderror
                        </div>

                        <div class="mb-3">

```

```

<label for="destination"
class="form-label">Kota Tujuan</label>
<input type="text" class="form-
control @error('destination') is-invalid @enderror"
id="destination"
name="destination" value="{{ old('destination', $route-
>destination) }}" required>
@error('destination')
<div class="invalid-
feedback">{{ $message }}</div>
@enderror
</div>

<div class="mb-3">
<label for="distance" class="form-
label">Jarak Tempuh (km)</label>
<input type="number" class="form-
control @error('distance') is-invalid @enderror"
id="distance" name="distance"
value="{{ old('distance', $route->distance) }}" required>
@error('distance')
<div class="invalid-
feedback">{{ $message }}</div>
@enderror
</div>

<div class="mb-3">
<label for="estimated_time"
class="form-label">Waktu Tempuh (menit)</label>
<input type="number" class="form-
control @error('estimated_time') is-invalid @enderror"
id="estimated_time"
name="estimated_time" value="{{ old('estimated_time', $route-
>estimated_time) }}" required>
@error('estimated_time')
<div class="invalid-
feedback">{{ $message }}</div>
@enderror
</div>

<div class="d-flex justify-content-
between">
<a href="{{ route('routes.index')
}}" class="btn btn-secondary">

```

```

                                <i class="bi bi-arrow-
left"></i> Kembali
                                </a>
                                <button type="submit" class="btn
btn-primary">
                                <i class="bi bi-save"></i>
Simpan Perubahan
                                </button>
                                </div>
                            </div>
                        </form>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
@endsection

```

- index.blade.php

```

@extends('layouts.app')

@section('content')
<div class="mb-4">
    <div class="d-flex align-items-center">
        <i class="bi bi-signpost-2 fs-1 text-primary me-
3"></i>
        <div>
            <h2 class="mb-0">Manajemen Data Rute</h2>
            <small class="text-muted">Kelola daftar rute
perjalanan bus yang tersedia.</small>
        </div>
        <div class="ms-auto">
            <a href="{{ route('routes.create') }}" class="btn
btn-success shadow-sm">
                <i class="bi bi-plus-circle"></i> Tambah Rute
            </a>
        </div>
    </div>
</div>

<div class="card shadow-sm border-0">
    <div class="card-body">
        <div class="table-responsive">
            <table class="table align-middle table-hover">
                <thead class="table-primary">

```

```

        <tr>
            <th>#</th>
            <th>Asal</th>
            <th>Tujuan</th>
            <th>Jarak</th>
            <th class="text-end">Aksi</th>
        </tr>
    </thead>
    <tbody>
        @forelse($routes as $route)
            <tr>
                <td>{{ $loop->iteration + ($routes->currentPage() - 1) * $routes->perPage() }}</td>
                <td><span class="badge bg-info text-dark"><i class="bi bi-geo-alt"></i> {{ $route->origin }}</span></td>
                <td><span class="badge bg-info text-dark"><i class="bi bi-geo"></i> {{ $route->destination }}</span></td>
                <td><span class="badge bg-secondary">{{ $route->distance }} km</span></td>
                <td class="text-end">
                    <a href="{{ route('routes.show', $route) }}" class="btn btn-outline-info btn-sm" title="Detail">
                        <i class="bi bi-eye"></i>
                    </a>
                    <a href="{{ route('routes.edit', $route) }}" class="btn btn-outline-warning btn-sm" title="Edit">
                        <i class="bi bi-pencil-square"></i>
                    </a>
                    <form action="{{ route('routes.destroy', $route) }}" method="POST" class="d-inline">
                        @csrf
                        @method('DELETE')
                        <button type="submit" class="btn btn-outline-danger btn-sm" title="Hapus" onclick="return confirm('Hapus rute ini?')">
                            <i class="bi bi-trash"></i>
                        </button>
                    </form>
                </td>
            </tr>
        @endforelse
    </tbody>
</table>

```

```

        </td>
    </tr>
    @empty
    <tr>
        <td colspan="5" class="text-center
text-muted">Belum ada data rute.</td>
    </tr>
    @endforelse
</tbody>
</table>
</div>
<div class="mt-3">
    {{ $routes->links() }}
</div>
</div>
</div>
@endsection

```

- show.blade.php

```

@extends('layouts.app')

@section('content')
<div class="container">
    <div class="row justify-content-center">
        <div class="col-md-8">
            <div class="card">
                <div class="card-header">
                    <h4 class="mb-0">Detail Rute</h4>
                </div>

                <div class="card-body">
                    <div class="row mb-3">
                        <div class="col-md-4 fw-bold">ID
Rute</div>
                        <div class="col-md-8">#{{ $route->id
}}</div>
                    </div>

                    <div class="row mb-3">
                        <div class="col-md-4 fw-bold">Kota
Keberangkatan</div>
                        <div class="col-md-8">{{ $route-
>origin }}</div>

```

```

        </div>

        <div class="row mb-3">
            <div class="col-md-4 fw-bold">Kota
Tujuan</div>
            <div class="col-md-8">{{ $route-
>destination }}</div>
        </div>

        <div class="row mb-3">
            <div class="col-md-4 fw-bold">Jarak
Tempuh</div>
            <div class="col-md-8">{{
number_format($route->distance, 0, ',', '.') }} km</div>
        </div>

        <div class="row mb-3">
            <div class="col-md-4 fw-bold">Waktu
Tempuh</div>
            <div class="col-md-8">{{ $route-
>estimated_time }} menit</div>
        </div>

        <div class="row mb-3">
            <div class="col-md-4 fw-bold">Jadwal
Terkait</div>
            <div class="col-md-8">
                @if($route->schedules->count() >
0)
                    <div class="list-group">
                        @foreach($route->schedules
as $schedule)
                            <a href="{{{
route('schedules.show', $schedule->id) }}" class="list-group-
item list-group-item-action">
                                <div class="d-flex
w-100 justify-content-between">
                                    <h6 class="mb-
1">{{ $schedule->bus->brand }} ({{ $schedule->bus-
>plate_number }})</h6>
                                    <small>{{
\Carbon\Carbon::parse($schedule->departure_time)->format('d M
Y H:i') }}</small>
                                </div>

```

```

1">Status:
                                <p class="mb-
                                @if($schedule-
>status == 'scheduled')
                                <span
                                class="badge bg-primary">Scheduled</span>
                                @elseif($sched
                                <span
                                class="badge bg-warning">Ongoing</span>
                                @elseif($sched
                                <span
                                class="badge bg-success">Completed</span>
                                @else
                                <span
                                class="badge bg-danger">Cancelled</span>
                                @endif
                                </p>
                                </a>
                                @endforeach
                                </div>
                                @else
                                <p class="text-muted mb-
0">Belum ada jadwal untuk rute ini</p>
                                @endif
                                </div>
                                </div>

                                <div class="d-flex justify-content-
between">
                                <a href="{{ route('routes.index') }}"
                                class="btn btn-secondary">
                                <i class="bi bi-arrow-left"></i>
                                Kembali
                                </a>
                                <div>
                                <a href="{{ route('routes.edit',
$route->id) }}" class="btn btn-primary">
                                <i class="bi bi-pencil"></i>
                                Edit
                                </a>
                                <form action="{{
route('routes.destroy', $route->id) }}" method="POST"
                                class="d-inline">

```



[illegible]

- View Schedules
  - create.blade.php

```
@extends('layouts.app')

@section('content')
<div class="mb-4">
    <div class="d-flex align-items-center">
        <i class="bi bi-calendar2-week fs-1 text-primary me-3"></i>
        <div>
            <h2 class="mb-0">Tambah Jadwal Baru</h2>
            <small class="text-muted">Masukkan data jadwal keberangkatan bus.</small>
        </div>
    </div>
</div>

<div class="card shadow-sm border-0">
    <div class="card-body">
        <form action="{{ route('schedules.store') }}"
method="POST">
            @csrf
            <div class="mb-3">
                <label for="bus_id" class="form-label">Bus</label>
            </div>
        </form>
    </div>
</div>
```

```

        <select class="form-select @error('bus_id')
is-invalid @enderror" id="bus_id" name="bus_id" required>
            <option value="">Pilih Bus</option>
            @foreach($buses as $bus)
                <option value="{{ $bus->id }}" {{
old('bus_id') == $bus->id ? 'selected' : '' }}>{{ $bus->name
}}</option>
            @endforeach
        </select>
        @error('bus_id')
            <div class="invalid-feedback d-block">{{
$message }}</div>
        @enderror
    </div>
    <div class="mb-3">
        <label for="route_id" class="form-
label">Rute</label>
        <select class="form-select @error('route_id')
is-invalid @enderror" id="route_id" name="route_id" required>
            <option value="">Pilih Rute</option>
            @foreach($routes as $route)
                <option value="{{ $route->id }}" {{
old('route_id') == $route->id ? 'selected' : '' }}>
                    {{ $route->origin }} - {{ $route-
>destination }}
                </option>
            @endforeach
        </select>
        @error('route_id')
            <div class="invalid-feedback d-block">{{
$message }}</div>
        @enderror
    </div>
    <div class="mb-3">
        <label for="departure_time" class="form-
label">Waktu Keberangkatan</label>
        <div class="input-group">
            <span class="input-group-text"><i
class="bi bi-clock"></i></span>
            <input type="datetime-local" class="form-
control @error('departure_time') is-invalid @enderror"
id="departure_time" name="departure_time" value="{{
old('departure_time') }}" required>
            @error('departure_time')

```

```

                <div class="invalid-feedback d-
block">{{ $message }}</div>
            @enderror
        </div>
    </div>
    <div class="mb-3">
        <label for="price" class="form-label">Harga
Tiket</label>
        <div class="input-group">
            <span class="input-group-text"><i
class="bi bi-cash-coin"></i></span>
            <input type="number" class="form-control
@error('price') is-invalid @enderror" id="price" name="price"
value="{{ old('price') }}" required min="0">
            @error('price')
                <div class="invalid-feedback d-
block">{{ $message }}</div>
            @enderror
        </div>
    </div>
    <div class="d-flex justify-content-between">
        <a href="{{ route('schedules.index') }}"
class="btn btn-secondary">
            <i class="bi bi-arrow-left"></i> Kembali
        </a>
        <button type="submit" class="btn btn-primary">
            <i class="bi bi-save"></i> Simpan
        </button>
    </div>
</form>
</div>
</div>
@endsection

```

- edit.blade.php

```

@extends('layouts.app')

@section('content')
<div class="container">
    <div class="row justify-content-center">
        <div class="col-md-8">
            <div class="card">
                <div class="card-header">
                    <h4 class="mb-0">Edit Jadwal</h4>

```

```

</div>

<div class="card-body">
    <form action="{{ route('schedules.update',
$chedule->id) }}" method="POST">
        @csrf
        @method('PUT')

        <div class="mb-3">
            <label for="bus_id" class="form-
label">Bus</label>

            <select class="form-select
@error('bus_id') is-invalid @enderror" id="bus_id"
name="bus_id" required>

                <option value="">Pilih
Bus</option>

                @foreach($buses as $bus)
                    <option value="{{ $bus->id
}}" {{ $schedule->bus_id == $bus->id ? 'selected' : '' }}>
                        {{ $bus->brand }} ({{
$bus->plate_number }}) - {{ $bus->seats }} Kursi
                    </option>
                @endforeach
            </select>
            @error('bus_id')
                <div class="invalid-
feedback">{{ $message }}</div>
            @enderror
        </div>

        <div class="mb-3">
            <label for="route_id" class="form-
label">Rute</label>

            <select class="form-select
@error('route_id') is-invalid @enderror" id="route_id"
name="route_id" required>

                <option value="">Pilih
Rute</option>

                @foreach($routes as $route)
                    <option value="{{ $route-
>id }}" {{ $schedule->route_id == $route->id ? 'selected' : ''
}}>
                        {{ $route->origin }} -
                        {{ $route->destination }}

```

```

                ({{
number_format($route->distance, 0, ',', '.') }} km)
                </option>
            @endforeach
        </select>
        @error('route_id')
            <div class="invalid-feedback">{{ $message }}</div>
        @enderror
    </div>

    <div class="mb-3">
        <label for="price" class="form-label">Harga Tiket</label>
        <div class="input-group">
            <span class="input-group-text">Rp</span>
            <input type="number"
class="form-control @error('price') is-invalid @enderror"
                id="price" name="price"
value="{{ old('price', $schedule->price) }}" required min="0">
            </div>
            @error('price')
                <div class="invalid-feedback">{{ $message }}</div>
            @enderror
        </div>

        <div class="mb-3">
            <label for="departure_time"
class="form-label">Waktu Keberangkatan</label>
            <input type="datetime-local"
class="form-control @error('departure_time') is-invalid @enderror"
                id="departure_time"
name="departure_time"
                value="{{
old('departure_time', \Carbon\Carbon::parse($schedule-
>departure_time)->format('Y-m-d\TH:i')) }}" required>
            @error('departure_time')
                <div class="invalid-feedback">{{ $message }}</div>
            @enderror
        </div>

```

```

        <div class="mb-3">
            <label for="arrival_time"
class="form-label">Waktu Kedatangan</label>
            <input type="datetime-local"
class="form-control @error('arrival_time') is-invalid
@enderror"
                id="arrival_time"
name="arrival_time"
                value="{{ old('arrival_time',
\Carbon\Carbon::parse($schedule->arrival_time)->format('Y-m-
d\TH:i')) }}" required>
            @error('arrival_time')
            <div class="invalid-
feedback">{{ $message }}</div>
            @enderror
        </div>

        <div class="mb-3">
            <label for="status" class="form-
label">Status</label>
            <select class="form-select
@error('status') is-invalid @enderror" id="status"
name="status" required>
                <option value="scheduled" {{
$schedule->status == 'scheduled' ? 'selected' : ''
}}>Scheduled</option>
                <option value="ongoing" {{
$schedule->status == 'ongoing' ? 'selected' : ''
}}>Ongoing</option>
                <option value="completed" {{
$schedule->status == 'completed' ? 'selected' : ''
}}>Completed</option>
                <option value="cancelled" {{
$schedule->status == 'cancelled' ? 'selected' : ''
}}>Cancelled</option>
            </select>
            @error('status')
            <div class="invalid-
feedback">{{ $message }}</div>
            @enderror
        </div>

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

```



```

<div class="mb-4">
  <div class="d-flex align-items-center">
    <i class="bi bi-calendar2-week fs-1 text-primary me-3"></i>
    <div>
      <h2 class="mb-0">Manajemen Jadwal
Keberangkatan</h2>
      <small class="text-muted">Kelola jadwal
keberangkatan bus untuk setiap rute.</small>
    </div>
    <div class="ms-auto">
      <a href="{{ route('schedules.create') }}"
class="btn btn-success shadow-sm">
        <i class="bi bi-plus-circle"></i> Tambah
Jadwal
      </a>
    </div>
  </div>
</div>

<div class="card shadow-sm border-0">
  <div class="card-body">
    <div class="table-responsive">
      <table class="table align-middle table-hover">
        <thead class="table-primary">
          <tr>
            <th>#</th>
            <th>Bus</th>
            <th>Rute</th>
            <th>Waktu Keberangkatan</th>
            <th>Harga</th>
            <th class="text-end">Aksi</th>
          </tr>
        </thead>
        <tbody>
          @forelse($schedules as $schedule)
            <tr>
              <td>{{ $loop->iteration +
($schedules->currentPage() - 1) * $schedules->perPage()
}}</td>
              <td><span class="badge bg-primary"><i
class="bi bi-bus-front"></i> {{ $schedule->bus->name
}}</span></td>

```



```

        <td><span class="badge bg-info text-
dark"><i class="bi bi-signpost-2"></i> {{ $schedule->route-
>origin }} - {{ $schedule->route->destination }}</span></td>
        <td><span class="badge bg-
secondary"><i class="bi bi-clock"></i> {{ $schedule-
>departure_time->format('d/m/Y H:i') }}</span></td>
        <td><span class="badge bg-success">Rp
{{ number_format($schedule->price, 0, ',', '.') }}</span></td>
        <td class="text-end">
            <a href="{{
route('schedules.show', $schedule) }}" class="btn btn-outline-
info btn-sm" title="Detail">
                <i class="bi bi-eye"></i>
            </a>
            <a href="{{
route('schedules.edit', $schedule) }}" class="btn btn-outline-
warning btn-sm" title="Edit">
                <i class="bi bi-pencil-
square"></i>
            </a>
            <form action="{{
route('schedules.destroy', $schedule) }}" method="POST"
class="d-inline">
                @csrf
                @method('DELETE')
                <button type="submit"
class="btn btn-outline-danger btn-sm" title="Hapus"
onclick="return confirm('Hapus jadwal ini?')">
                    <i class="bi bi-
trash"></i>
                </button>
            </form>
        </td>
    </tr>
    @empty
    <tr>
        <td colspan="6" class="text-center
text-muted">Belum ada data jadwal.</td>
    </tr>
    @endforelse
</tbody>
</table>
</div>
<div class="mt-3">
    {{ $schedules->links() }}

```

```

    </div>
  </div>
</div>
@endsection

```

- `show.blade.php`

```
@extends('layouts.app')

@section('content')


## Detail Jadwal

Informasi lengkap jadwal keberangkatan dan penumpang.



##### Info Jadwal



| Bus                 | {{ \$schedule->bus->name }}                                            |
|---------------------|------------------------------------------------------------------------|
| Rute                | {{ \$schedule->route->origin }} - {{ \$schedule->route->destination }} |
| Waktu Keberangkatan | {{ \$schedule->departure_time->format('d/m/Y H:i') }}                  |
| Harga Tiket         |                                                                        |


```

```

                <td>Rp {{ number_format($schedule-
>price, 0, ',', '.') }}</td>
            </tr>
            <tr>
                <th>Kursi Terisi</th>
                <td>
                    <span class="badge bg-info text-
dark">{{ $schedule->bookings->count() }} / {{ $schedule->bus-
>seat_capacity }}</span>
                </td>
            </tr>
        </table>
    </div>
</div>
</div>
</div>
</div>

<div class="card mt-4">
    <div class="card-header">
        <h4 class="mb-0"><i class="bi bi-people"></i> Daftar
Penumpang</h4>
    </div>
    <div class="card-body">
        <div class="table-responsive">
            <table class="table table-bordered table-striped
align-middle">
                <thead class="table-primary">
                    <tr>
                        <th>Nama</th>
                        <th>Email</th>
                        <th>No Kursi</th>
                        <th>Status Pembayaran</th>
                    </tr>
                </thead>
                <tbody>
                    @forelse($schedule->bookings as $booking)
                        <tr>
                            <td>{{ $booking->user->name ?? '-'
}}</td>
                            <td>{{ $booking->user->email ?? '-'
}}</td>
                            <td><span class="badge bg-warning
text-dark"><i class="bi bi-person-fill"></i> {{ $booking-
>seat_number }}</span></td>
                            <td>

```

```

                <span class="badge bg-{{ $booking-
>payment_status == 'paid' ? 'success' : 'warning' }}">
                    {{ ucfirst($booking-
>payment_status) }}
                </span>
            </td>
        </tr>
        @empty
        <tr>
            <td colspan="4" class="text-
center">Belum ada penumpang pada jadwal ini.</td>
        </tr>
        @endforelse
    </tbody>
</table>
</div>
</div>
</div>
</div>

<div class="mt-4">
    <a href="{{ route('schedules.index') }}" class="btn btn-
secondary"><i class="bi bi-arrow-left"></i> Kembali</a>
</div>
@endsection

```

- order\_ticket.blade.php

```

@extends('layouts.app')

@section('content')
<div class="mb-4">
    <div class="d-flex align-items-center">
        <i class="bi bi-ticket-perforated fs-1 text-primary
me-3"></i>
        <div>
            <h2 class="mb-0">Pesan Tiket Bus</h2>
            <small class="text-muted">Isi data berikut untuk
memesan tiket bus.</small>
        </div>
    </div>
</div>

<div class="card shadow-sm border-0">
    <div class="card-body">

```

```

        <form action="{{ route('order.ticket.submit') }}"
method="POST">
        @csrf
        <div class="mb-3">
            <label for="schedule_id" class="form-
label">Pilih Jadwal</label>
            <select class="form-select
@error('schedule_id') is-invalid @enderror" id="schedule_id"
name="schedule_id" required>
                <option value="">Pilih Jadwal</option>
                @foreach($schedules as $schedule)
                    <option value="{{ $schedule->id }}" {{
old('schedule_id') == $schedule->id ? 'selected' : '' }}>
                        {{ $schedule->bus->name }} | {{
$schedule->route->origin }}-{{ $schedule->route->destination
}} | {{ $schedule->departure_time->format('d/m/Y H:i') }}
                    </option>
                @endforeach
            </select>
            @error('schedule_id')
                <div class="invalid-feedback d-block">{{
$message }}</div>
            @enderror
        </div>
        <div class="mb-3">
            <label for="name" class="form-label">Nama
Pemesan</label>
            <div class="input-group">
                <span class="input-group-text"><i
class="bi bi-person"></i></span>
                <input type="text" class="form-control
@error('name') is-invalid @enderror" id="name" name="name"
value="{{ old('name', auth()->check()
? auth()->user()->name : '' }}" required>
                @error('name')
                    <div class="invalid-feedback d-
block">{{ $message }}</div>
                @enderror
            </div>
        </div>
        <div class="mb-3">
            <label for="email" class="form-
label">Email</label>
            <div class="input-group">

```

```

        <span class="input-group-text"><i
class="bi bi-envelope"></i></span>
        <input type="email" class="form-control
@error('email') is-invalid @enderror" id="email" name="email"
        value="{{ old('email', auth()->check()
? auth()->user()->email : '') }}" required>
        @error('email')
        <div class="invalid-feedback d-
block">{{ $message }}</div>
        @enderror
    </div>
</div>
<div class="mb-3">
    <label for="seat_number" class="form-
label">Nomor Kursi</label>
    <div id="seat-map" class="mb-2"></div>
    <div class="input-group">
        <span class="input-group-text"><i
class="bi bi-person-fill"></i></span>
        <input type="number" class="form-control
@error('seat_number') is-invalid @enderror" id="seat_number"
name="seat_number" value="{{ old('seat_number') }}" required
min="1">
        @error('seat_number')
        <div class="invalid-feedback d-
block">{{ $message }}</div>
        @enderror
    </div>
    <small class="text-muted">Klik kursi pada grid
untuk memilih. Kursi merah sudah dipesan.</small>
</div>
    <input type="hidden" name="payment_status"
value="pending">
    <div class="d-flex justify-content-end">
        <button type="submit" class="btn btn-primary">
            <i class="bi bi-ticket-perforated"></i>
Pesanan Tiket
        </button>
    </div>
</form>
</div>
</div>
@endsection

@section('scripts')

```

```

<script>
  let schedules = @json($schedules);
  let seatCapacity = 0;
  let bookedSeats = [];
  const seatMapDiv = document.getElementById('seat-map');
  const seatInput = document.getElementById('seat_number');
  const scheduleSelect =
document.getElementById('schedule_id');

  function renderSeatMap() {
    seatMapDiv.innerHTML = '';
    if (!seatCapacity) return;
    let html = '<div class="d-flex flex-wrap" style="max-
width:320px">';
    for (let i = 1; i <= seatCapacity; i++) {
      let isBooked = bookedSeats.includes(i);
      let isSelected = seatInput.value == i;
      html += `<button type="button" class="btn btn-sm
m-1 seat-btn ${isBooked ? 'btn-danger' : isSelected ? 'btn-
warning' : 'btn-outline-success'}" style="width:48px"
${isBooked ? 'disabled' : ''} data-seat="${i}">${i}</button>`;
      if (i % 4 === 0) html += '<br>';
    }
    html += '</div>';
    seatMapDiv.innerHTML = html;
    document.querySelectorAll('.seat-btn').forEach(btn =>
{
      btn.addEventListener('click', function() {
        seatInput.value = this.dataset.seat;
        renderSeatMap();
      });
    });
  }

  function fetchBookedSeats(scheduleId) {
    seatCapacity = 0;
    bookedSeats = [];
    seatInput.value = '';
    if (!scheduleId) {
      renderSeatMap();
      return;
    }
    let schedule = schedules.find(s => s.id ==
scheduleId);

```

```

        seatCapacity = schedule ? schedule.bus.seat_capacity :
0;

        fetch(`/api/booked-seats/${scheduleId}`)
        .then(res => res.json())
        .then(data => {
            bookedSeats = data.map(Number);
            renderSeatMap();
        });
    }

    scheduleSelect.addEventListener('change', function() {
        fetchBookedSeats(this.value);
    });

    seatInput.addEventListener('input', function() {
        renderSeatMap();
    });

    // Inisialisasi saat halaman load
    if (scheduleSelect.value) {
        fetchBookedSeats(scheduleSelect.value);
    }
</script>
@endsection

```

### 3.6.2 Tampilan Halaman CRUD

- tampilan CRUD buses

Raaster Trans

Bus
Rute
Jadwal
Pemesanan

## Sistem Pemesanan Tiket Bus

Mudah, cepat, dan aman memesan tiket bus bersama Raaster Trans.

### Manajemen Data Bus

Kelola daftar bus yang tersedia untuk layanan transportasi.

Tambah Bus

#	Nama Bus	Nomor Plat	Kapasitas	Jadwal Aktif	Kursi Terisi	Okupansi	Status	Aksi
1	RTS103-Ekonomi	K 3388 KMG	55	2	1	0.91%	Aktif	
2	RTS102-VIP	K 3378 BMG	40	2	1	1.25%	Aktif	
3	RTS101	K 2234 AMG	50	2	8	0%	Aktif	



- tampilan CRUD routes

Raaster Trans

BusRouteJadwalPemesanan

Sistem Pemesanan Tiket Bus

Mudah, cepat, dan aman memesan tiket bus bersama Raaster Trans.

Manajemen Data Route

Kelola daftar rute perjalanan bus yang tersedia.

Tambah Route

#	Asal	Tujuan	Jarak	Aksi
1	Jakarta-Bogor	Jepara-Bangor-tayu	522 km	<div><div></div><div></div><div></div></div>
2	Jakarta	Jepara-Bangor-tayu	522 km	<div><div></div><div></div><div></div></div>
3	Tayu-Bangor-Jepara	Jakarta-Bogor	568 km	<div><div></div><div></div><div></div></div>
4	Jepara	Jakarta	522 km	<div><div></div><div></div><div></div></div>

- tampilan CRUD schedules

Raaster Trans

BusRouteJadwalPemesanan

Sistem Pemesanan Tiket Bus

Mudah, cepat, dan aman memesan tiket bus bersama Raaster Trans.

Manajemen Jadwal Keberangkatan

Kelola jadwal keberangkatan bus untuk setiap rute.

Tambah Jadwal

#	Bus	Rute	Waktu Keberangkatan	Harga	Aksi
1	RTS101	Jakarta-Bogor - Jepara-Bangor-tayu	10/05/2025 18:57	Rp 550.000	<div><div></div><div></div><div></div></div>
2	RTS102-VIP	Jakarta-Bogor - Jepara-Bangor-tayu	10/05/2025 20:00	Rp 700.000	<div><div></div><div></div><div></div></div>
3	RTS103-Economy	Jakarta-Bogor - Jepara-Bangor-tayu	10/05/2025 09:49	Rp 200.000	<div><div></div><div></div><div></div></div>
4	RTS102-VIP	Tayu-Bangor-Jepara - Jakarta-Bogor	09/05/2025 19:30	Rp 700.000	<div><div></div><div></div><div></div></div>
5	RTS103-Economy	Tayu-Bangor-Jepara - Jakarta-Bogor	09/05/2025 06:30	Rp 200.000	<div><div></div><div></div><div></div></div>
6	RTS101	Jepara - Jakarta	09/05/2025 14:32	Rp 550.000	<div><div></div><div></div><div></div></div>

- tampilan CRUD bookings

Raaster Trans

BusRouteJadwalPemesanan

Sistem Pemesanan Tiket Bus

Mudah, cepat, dan aman memesan tiket bus bersama Raaster Trans.

Manajemen Pemesanan Tiket

Kelola data pemesanan tiket bus oleh penumpang.

Tambah Pemesanan

#	Jadwal	Nama Penumpang	No Kursi	Status Pembayaran	Aksi
1	RTS103-Economy 10/05/2025 09:49 Jakarta-Bogor - Jepara-Bangor-tayu	putra	A.11	Paid	<div><div></div><div></div><div></div></div>
2	RTS102-VIP 09/05/2025 19:30 Tayu-Bangor-Jepara - Jakarta-Bogor	rasya	A.12	Paid	<div><div></div><div></div><div></div></div>

- tampilan CRUD order tickets

Raaster Trans
Bus
Route
Jadwal
Pemesanan

## Sistem Pemesanan Tiket Bus

Mudah, cepat, dan aman memesan tiket bus bersama Raaster Trans.

### Pesan Tiket Bus

Isi data berikut untuk memesan tiket bus.

Pilih Jadwal

Pilih Jadwal

Nama Pemesan

Email

Nomor Kursi

Klik kursi pada grid untuk memilih, Kursi merah sudah dipesan.

Pesan Tiket

### 3.6.3 Bukti Migrasi ke MySQL

- tabel buses

		id	name	plate_number	seat_capacity	created_at	updated_at
<input type="checkbox"/>	Edit Copy Delete	1	RTS101	K 2234 AMC	50	2025-05-09 01:32:12	2025-05-09 01:32:12
<input type="checkbox"/>	Edit Copy Delete	2	RTS102-VIP	K 3378 BMC	40	2025-05-09 02:40:55	2025-05-09 02:40:55
<input type="checkbox"/>	Edit Copy Delete	3	RTS103-Ekonomi	K 3398 KMC	55	2025-05-09 02:42:07	2025-05-09 02:42:07

☐ Check all
 With selected: Edit Copy Delete Export

- tabel routes

		id	origin	destination	distance	created_at	updated_at
<input type="checkbox"/>	Edit Copy Delete	1	Jepara	Jakarta	523	2025-05-09 01:32:28	2025-05-09 01:32:28
<input type="checkbox"/>	Edit Copy Delete	2	Tayu-Bangsri-Jepara	Jakarta-Bogor	566	2025-05-09 02:43:33	2025-05-09 02:43:33
<input type="checkbox"/>	Edit Copy Delete	3	jakarta	Jepara-Bangsri-tayu	523	2025-05-09 02:48:25	2025-05-09 02:48:25
<input type="checkbox"/>	Edit Copy Delete	4	Jakarta-Bogor	Jepara-Bangsri-tayu	523	2025-05-09 02:49:04	2025-05-09 02:49:04

☐ Check all
 With selected: Edit Copy Delete Export

- tabel schedules





Extra options

		id	bus_id	route_id	departure_time	price	created_at	updated_at
<input type="checkbox"/>	Edit Copy Delete	1	1	1	2025-05-09 14:32:00	550000.00	2025-05-09 01:33:03	2025-05-09 02:57:30
<input type="checkbox"/>	Edit Copy Delete	2	3	2	2025-05-09 06:30:00	200000.00	2025-05-09 02:46:18	2025-05-09 02:57:10
<input type="checkbox"/>	Edit Copy Delete	3	2	2	2025-05-09 19:30:00	700000.00	2025-05-09 02:47:04	2025-05-09 02:56:49
<input type="checkbox"/>	Edit Copy Delete	4	3	4	2025-05-10 09:49:00	200000.00	2025-05-09 02:49:51	2025-05-09 02:56:34
<input type="checkbox"/>	Edit Copy Delete	5	2	4	2025-05-10 20:00:00	700000.00	2025-05-09 02:50:50	2025-05-09 02:56:19
<input type="checkbox"/>	Edit Copy Delete	6	1	4	2025-05-10 18:57:00	550000.00	2025-05-09 02:51:41	2025-05-09 02:51:41

☐ Check all
 With selected: Edit Copy Delete Export

- tabel bookings

Extra options

				id	schedule_id	user_id	seat_number	payment_status	created_at	updated_at
<input type="checkbox"/>				3	3	2	12	paid	2025-05-09 02:58:41	2025-05-10 00:19:01
<input type="checkbox"/>				4	4	3	11	paid	2025-05-10 00:17:08	2025-05-10 00:18:23
	<input type="checkbox"/> Check all	With selected:								

## **BAB IV - FITUR TAMBAHAN & PENGEMBANGAN**

### **4.1 Status dan Otomatisasi**

- Status bus (aktif/nonaktif)
- Status jadwal berubah otomatis setelah waktu tiba
- Status booking bisa dibatalkan
- Status pembayaran unpaid/paid

### **4.2 Antarmuka Modern**

- Menggunakan Bootstrap
- Form responsif
- Validasi input tampil secara real-time
- Layout rapi dan mobile-friendly

## **BAB V – PENUTUP**

### **5.1 Kesimpulan**

Sistem pemesanan tiket bus ini telah berhasil dibangun dengan fitur CRUD, relasi antar entitas, validasi data, dan antarmuka modern berbasis Laravel. Sistem mendukung efisiensi kerja admin dan kenyamanan pelanggan dalam proses pemesanan tiket.