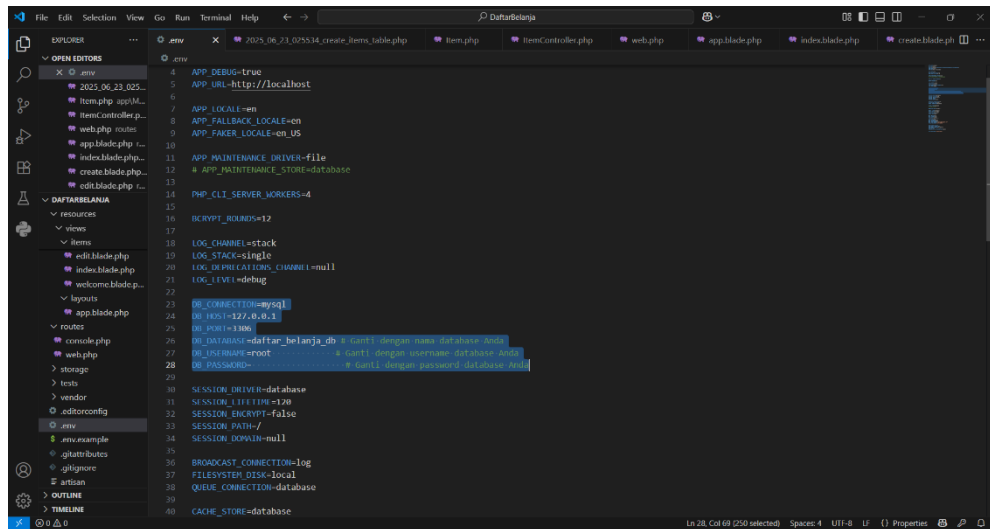
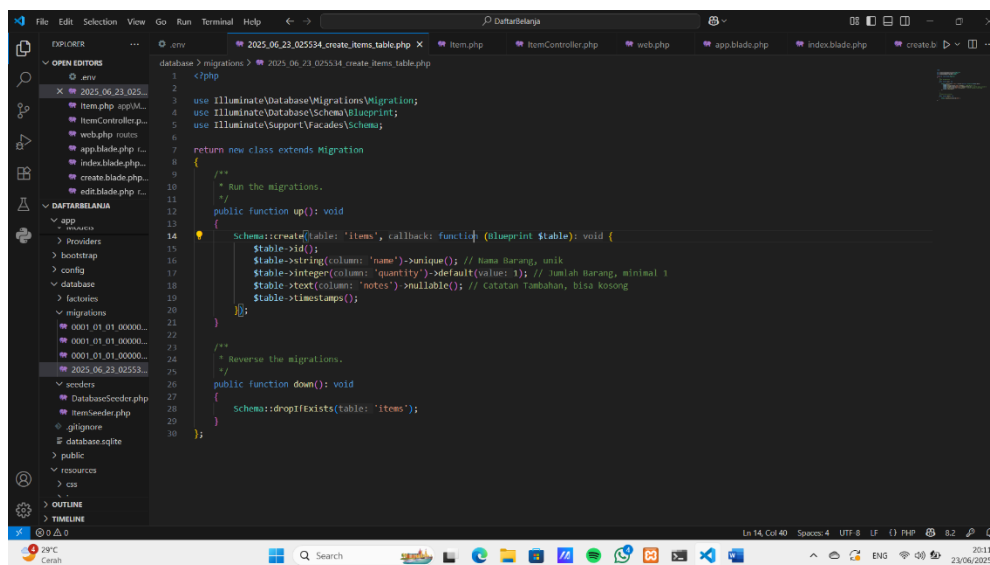


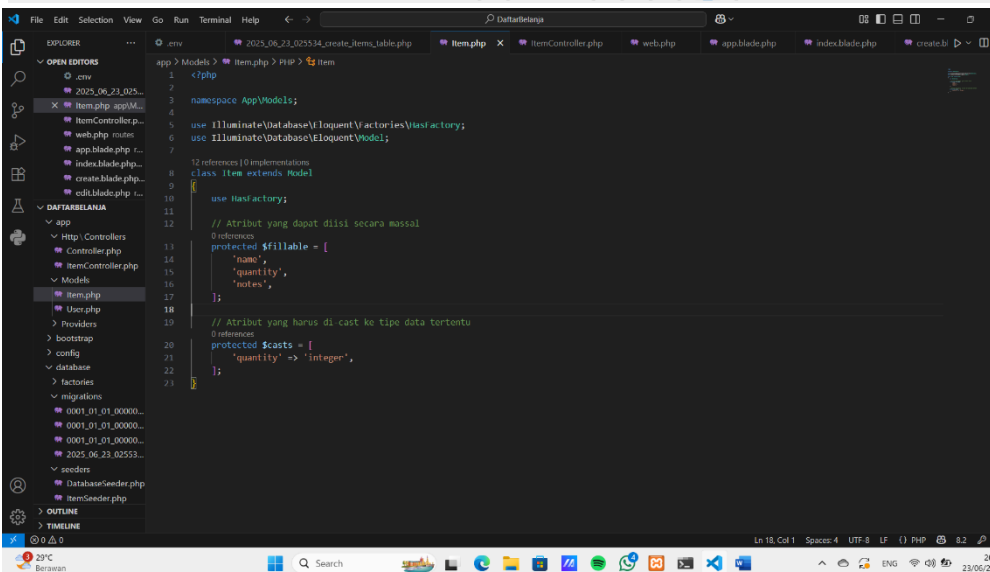
PROJECT TUGAS AKHIR PRAKTIKUM PEMROGRAMAN FRAMEWORK



```
1 APP_DEBUG=true
2 APP_URL=http://localhost
3
4 APP_LOCALE=en
5 APP_FALLBACK_LOCALE=en
6 APP_FAKER_LOCALE=en_US
7
8 APP_MAINTENANCE_DRIVER=file
9 APP_MAINTENANCE_STORE=database
10
11 PHP_CLI_SERVER_WORKERS=4
12
13 BCRYPT_ROUNDS=12
14
15 LOG_CHANNEL=stack
16 LOG_STACK=single
17 LOG_DEPRECATIONS_CHANNEL=null
18 LOG_LEVEL=debug
19
20 DB_CONNECTION=mysql
21 DB_HOST=127.0.0.1
22 DB_PORT=3306
23 DB_DATABASE=daftar_belanja_db <!-- ganti dengan nama database Anda -->
24 DB_USERNAME=root <!-- ganti dengan username database Anda -->
25 DB_PASSWORD= <!-- ganti dengan password database Anda -->
26
27 SESSION_DRIVER=database
28 SESSION_LIFETIME=120
29 SESSION_ENCRYPT=false
30 SESSION_PATH=/
31 SESSION_DOMAIN=null
32
33 BROADCAST_CONNECTION=log
34 FILESYSTEM_DISK=local
35 QUEUE_CONNECTION=database
36
37 CACHE_STORE=database
```



```
1 <?php
2
3 use Illuminate\Database\Migrations\Migration;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Support\Facades\Schema;
6
7 return new class extends Migration
8 {
9     /**
10      * Run the migrations.
11      */
12     public function up(): void
13     {
14         Schema::create('items', function (Blueprint $table) {
15             $table->id();
16             $table->string('name')->unique(); // Nama Barang, unik
17             $table->integer('quantity')->default(value: 1); // Jumlah Barang, minimal 1
18             $table->text('notes')->nullable(); // Catatan Tambahan, bisa kosong
19             $table->timestamps();
20         });
21     }
22
23     /**
24      * Reverse the migrations.
25      */
26     public function down(): void
27     {
28         Schema::dropIfExists('items');
29     }
30 }
```

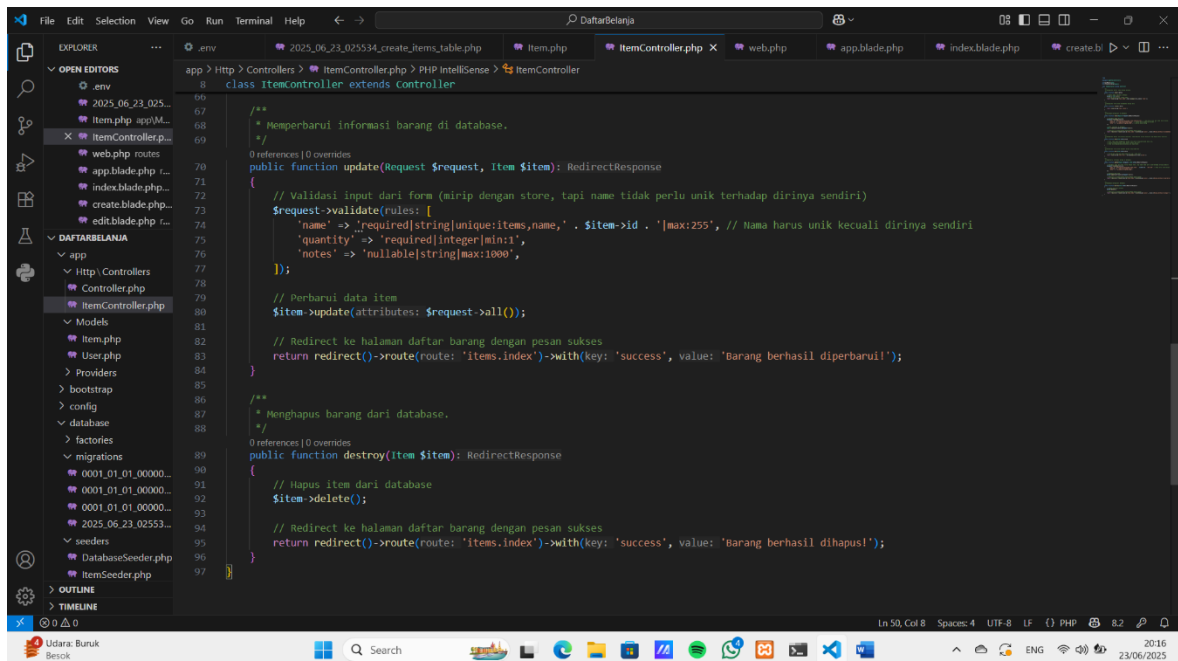


```
1 <?php
2
3 namespace App\Models;
4
5 use Illuminate\Database\Eloquent\Factories\HasFactory;
6 use Illuminate\Database\Eloquent\Model;
7
8 class Item extends Model
9 {
10     use HasFactory;
11
12     // Atribut yang dapat diisi secara massal
13     protected $fillable = [
14         'name',
15         'quantity',
16         'notes',
17     ];
18
19     // Atribut yang harus di cast ke tipe data tertentu
20     protected $casts = [
21         'quantity' => 'integer',
22     ];
23 }
```

```
File Edit Selection View Go Run Terminal Help
Dartelanjana
EXPLOER
OPEN EDITORS
.env
2025_06_23_025...
Item.php app/M...
web.php routes
app.blade.php r...
index.blade.php...
create.blade.php...
edit.blade.php r...
DAFTARBELANJA
app
Http Controllers
Controller.php
ItemController.php
Models
Item.php
User.php
Providers
bootstrap
config
database
factories
migrations
0001_01_01_00000...
0001_01_01_00000...
0001_01_01_00000...
2025_06_23_02553...
seeders
DatabaseSeeder.php
ItemSeeder.php
OUTLINE
TIMELINE
Berita sala
[PULL] hi Pertem...
app > Http > Controllers > ItemController.php > PHP IntelliSense > ItemController
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use App\Models\Item;
6 use Illuminate\Http\Request;
7
8 class ItemController extends Controller
9 {
10     /**
11      * Menampilkan daftar semua barang belanja.
12      */
13     // references: 0 overrides
14     public function index(): View
15     {
16         // Ambil semua item dari database
17         $items = Item::all();
18         // Kirim item ke view 'items.index'
19         return view('items.index', data: compact('var_name': 'items'));
20     }
21
22     /**
23      * Menampilkan form untuk menambahkan barang baru.
24      */
25     // references: 0 overrides
26     public function create(): View
27     {
28         return view('items.create');
29     }
30
31     /**
32      * Menyimpan barang baru ke database.
33      */
34     // references: 0 overrides
35     public function store(Request $request): RedirectResponse
36     {
37         // Validasi input dari form
38         $request->validate(rules: [
39             'name' => 'required|string|unique:items,name|max:255', // Nama harus unik dan tidak boleh kosong
40             'quantity' => 'required|integer|min:1', // Jumlah harus angka dan minimal 1
41             'notes' => 'nullable|string|max:1000', // Catatan bisa kosong
42         ]);
43         // Buat item baru di database
44         Item::create(attributes: $request->all());
45         // Redirect ke halaman daftar barang dengan pesan sukses
46         return redirect()->route('items.index')->with(key: 'success', value: 'Barang berhasil ditambahkan!');
47     }
48
49     /**
50      * Menampilkan detail satu barang (opsional, tidak diminta secara eksplisit tapi bagian dari resource).
51      */
52     // references: 0 overrides
53     public function show(Item $item): void
54     {
55         // Kita tidak akan menggunakan method show secara terpisah dalam kasus ini,
56         // karena fungsionalitas utama adalah daftar dan form.
57         // Anda bisa mengimplementasikannya jika diperlukan.
58     }
59
60     /**
61      * Menampilkan form untuk mengedit barang yang sudah ada.
62      */
63     // references: 0 overrides
64     public function edit(Item $item): View
65     {
66         // Kirim data item yang akan diedit ke view 'items.edit'
67         return view('items.edit', data: compact('var_name': 'item'));
```

```
File Edit Selection View Go Run Terminal Help
Dartelanjana
EXPLOER
OPEN EDITORS
.env
2025_06_23_025...
Item.php app/M...
web.php routes
app.blade.php r...
index.blade.php...
create.blade.php...
edit.blade.php r...
DAFTARBELANJA
app
Http Controllers
Controller.php
ItemController.php
Models
Item.php
User.php
Providers
bootstrap
config
database
factories
migrations
0001_01_01_00000...
0001_01_01_00000...
0001_01_01_00000...
2025_06_23_02553...
seeders
DatabaseSeeder.php
ItemSeeder.php
OUTLINE
TIMELINE
Berita sala
[PULL] hi Pertem...
app > Http > Controllers > ItemController.php > PHP IntelliSense > ItemController
35 // Validasi input dari form
36 $request->validate(rules: [
37     'name' => 'required|string|unique:items,name|max:255', // Nama harus unik dan tidak boleh kosong
38     'quantity' => 'required|integer|min:1', // Jumlah harus angka dan minimal 1
39     'notes' => 'nullable|string|max:1000', // Catatan bisa kosong
40 ]);
41 // Buat item baru di database
42 Item::create(attributes: $request->all());
43 // Redirect ke halaman daftar barang dengan pesan sukses
44 return redirect()->route('items.index')->with(key: 'success', value: 'Barang berhasil ditambahkan!');
45 }
46
47 /**
48  * Menampilkan detail satu barang (opsional, tidak diminta secara eksplisit tapi bagian dari resource).
49  */
50 // references: 0 overrides
51 public function show(Item $item): void
52 {
53     // Kita tidak akan menggunakan method show secara terpisah dalam kasus ini,
54     // karena fungsionalitas utama adalah daftar dan form.
55     // Anda bisa mengimplementasikannya jika diperlukan.
56 }
57
58 /**
59  * Menampilkan form untuk mengedit barang yang sudah ada.
60  */
61 // references: 0 overrides
62 public function edit(Item $item): View
63 {
64     // Kirim data item yang akan diedit ke view 'items.edit'
65     return view('items.edit', data: compact('var_name': 'item'));
```

```
File Edit Selection View Go Run Terminal Help
Dartelanjana
EXPLOER
OPEN EDITORS
.env
2025_06_23_025...
Item.php app/M...
web.php routes
app.blade.php r...
index.blade.php...
create.blade.php...
edit.blade.php r...
DAFTARBELANJA
app
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0001_01_01_00000...
0001_01_01_00000...
0001_01_01_00000...
2025_06_23_02553...
seeders
DatabaseSeeder.php
ItemSeeder.php
OUTLINE
TIMELINE
Berita sala
[PULL] hi Pertem...
app > Http > Controllers > ItemController.php > PHP IntelliSense > ItemController
32 public function store(Request $request): RedirectResponse
33 {
34     // Validasi input dari form
35     $request->validate(rules: [
36         'name' => 'required|string|unique:items,name|max:255', // Nama harus unik dan tidak boleh kosong
37         'quantity' => 'required|integer|min:1', // Jumlah harus angka dan minimal 1
38         'notes' => 'nullable|string|max:1000', // Catatan bisa kosong
39     ]);
40     // Buat item baru di database
41     Item::create(attributes: $request->all());
42     // Redirect ke halaman daftar barang dengan pesan sukses
43     return redirect()->route('items.index')->with(key: 'success', value: 'Barang berhasil ditambahkan!');
44 }
45
46 /**
47  * Menampilkan detail satu barang (opsional, tidak diminta secara eksplisit tapi bagian dari resource).
48  */
49 // references: 0 overrides
50 public function show(Item $item): void
51 {
52     // Kita tidak akan menggunakan method show secara terpisah dalam kasus ini,
53     // karena fungsionalitas utama adalah daftar dan form.
54     // Anda bisa mengimplementasikannya jika diperlukan.
55 }
56
57 /**
58  * Menampilkan form untuk mengedit barang yang sudah ada.
59  */
60 // references: 0 overrides
61 public function edit(Item $item): View
62 {
63     // Kirim data item yang akan diedit ke view 'items.edit'
64     return view('items.edit', data: compact('var_name': 'item'));
```



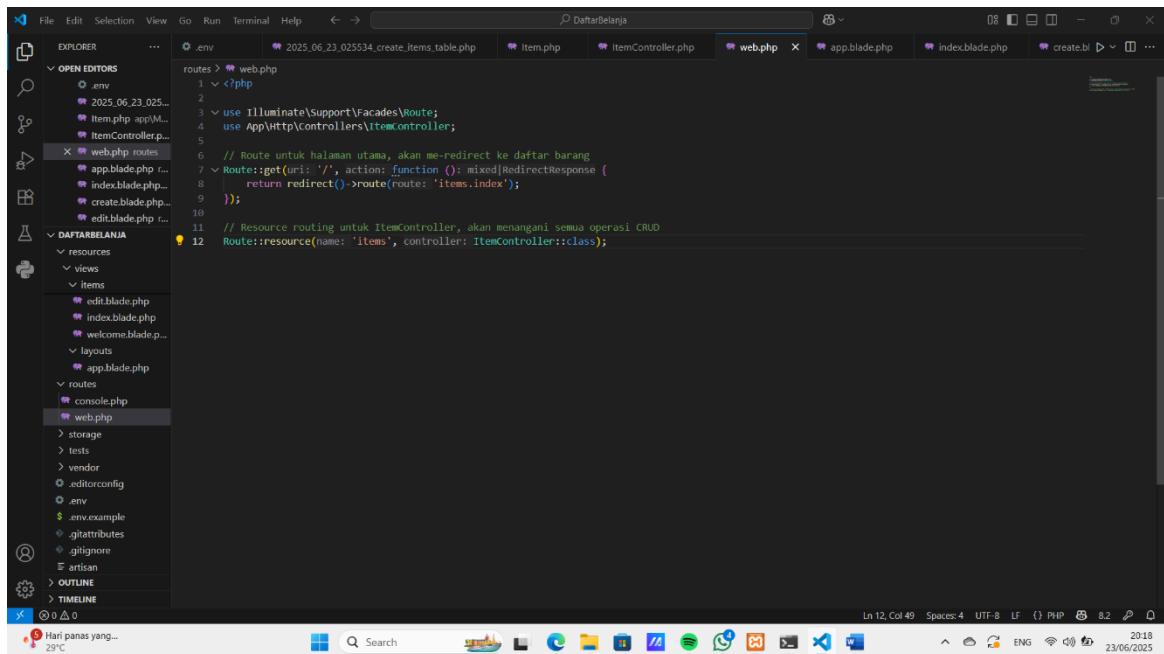
```
class ItemController extends Controller
{
    /**
     * Memperbarui informasi barang di database.
     */
    public function update(Request $request, Item $item): RedirectResponse
    {
        // Validasi input dari form (mirip dengan store, tapi name tidak perlu unik terhadap dirinya sendiri)
        $request->validate(rules: [
            'name' => 'required|string|unique:items,name,' . $item->id . '|max:255', // Nama harus unik kecuali dirinya sendiri
            'quantity' => 'required|integer|min:1',
            'notes' => 'nullable|string|max:1000',
        ]);

        // Perbarui data item
        $item->update(attributes: $request->all());

        // Redirect ke halaman daftar barang dengan pesan sukses
        return redirect()->route(route: 'items.index')->with(key: 'success', value: 'Barang berhasil diperbarui!');
    }

    /**
     * Menghapus barang dari database.
     */
    public function destroy(Item $item): RedirectResponse
    {
        // Hapus item dari database
        $item->delete();

        // Redirect ke halaman daftar barang dengan pesan sukses
        return redirect()->route(route: 'items.index')->with(key: 'success', value: 'Barang berhasil dihapus!');
    }
}
```



```
routes > web.php
1 <?php
2
3 use Illuminate\Support\Facades\Route;
4 use App\Http\Controllers\ItemController;
5
6 // Route untuk halaman utama, akan me-redirect ke daftar barang
7 Route::get(uri: '/', action: function () { return redirect()->route(route: 'items.index'); });
8
9 // Resource routing untuk ItemController, akan menangani semua operasi CRUD
10 Route::resource(name: 'items', controller: ItemController::class);
```

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>Daftar Belanja - @yield('title')</title>

<!-- Bootstrap CSS CDN -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" xintegrity="sha384-

QWTKZyjpPEjISv5WaRU9OfE Rpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH"
crossorigin="anonymous">

<!-- Custom CSS (optional, if Bootstrap isn't enough) -->

<style>

```
body {  
    background-color: #f8f9fa; /* Light gray background */  
    font-family: 'Inter', sans-serif;  
}  
.navbar-brand {  
    font-weight: bold;  
    font-size: 1.75rem; /* Larger font size */  
}  
.container {  
    max-width: 960px; /* Max width for content */  
}  
.card {  
    border-radius: 0.75rem; /* Rounded corners for cards */  
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1); /* Subtle shadow */  
}  
.btn-custom-blue {  
    background-color: #0d6efd; /* Bootstrap primary blue */  
    color: white;  
    border: none;  
    padding: 0.75rem 1.5rem;  
    border-radius: 50rem; /* Pill-shaped button */  
    transition: background-color 0.3s ease, transform 0.2s ease;  
}  
.btn-custom-blue:hover {  
    background-color: #0a58ca;  
    transform: translateY(-2px); /* Slight lift on hover */  
}  
.table th, .table td {  
    vertical-align: middle;  
}
```

```

.table thead th {
    background-color: #e9ecef; /* Light gray header */
    border-bottom: 2px solid #dee2e6;
}
.table tbody tr:nth-of-type(even) {
    background-color: rgba(0,0,0,.05); /* Zebra stripping */
}
.alert-success {
    border-radius: 0.5rem;
}
</style>

<link href="https://fonts.googleapis.com/css2?family=Inter:wght@400;500;600;700&display=swap"
rel="stylesheet">
</head>
<body class="antialiased">
    <nav class="navbar navbar-expand-lg navbar-dark bg-primary shadow-sm">
        <div class="container">
            <a class="navbar-brand" href="{{ route('items.index') }}">Daftar Belanja</a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse justify-content-end" id="navbarNav">
                <ul class="navbar-nav">
                    <li class="nav-item">
                        <a class="nav-link" href="{{ route('items.index') }}">Daftar Barang</a>
                    </li>
                    <li class="nav-item">
                        <a class="btn btn-light rounded-pill ms-lg-3" href="{{ route('items.create') }}">Tambah
Barang Baru</a>
                    </li>
                </ul>
            </div>
        </div>
    </nav>

```

```

<main class="container mt-4">

    @if (session('success'))

        <div class="alert alert-success alert-dismissible fade show" role="alert">

            {{ session('success') }}

            <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>

        </div>

    @endif


    @yield('content')

</main>


<!-- Bootstrap JS CDN (Bundle with Popper) -->

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"
xintegrity="sha384-
YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcOhpYm+2fXh0V4/PFH7N7l"
crossorigin="anonymous"></script>

</body>

</html>

```

Index.blade.php

```

@extends('layouts.app')


@section('title', 'Daftar Barang')


@section('content')

<div class="card p-4">

    <h1 class="text-center mb-4 display-5 fw-bold text-dark">Daftar Barang Belanja</h1>


    @if($items->isEmpty())

        <div class="text-center text-muted py-5">

            <p class="lead">Belum ada barang dalam daftar belanja Anda.</p>

            <a href="{{ route('items.create') }}" class="btn btn-custom-blue mt-3">

                Tambahkan Barang Baru

            </a>

        </div>

    @endif

</div>

```


</div>

@else

<div class="table-responsive">

<table class="table table-hover table-bordered align-middle">

<thead class="table-light">

<tr>

<th scope="col" class="text-center">No.</th>

<th scope="col">Nama Barang</th>

<th scope="col" class="text-center">Jumlah</th>

<th scope="col">Catatan</th>

<th scope="col" class="text-center">Aksi</th>

</tr>

</thead>

<tbody>

@foreach(\$items as \$index => \$item)

<tr>

<td class="text-center">{{ \$index + 1 }}</td>

<td class="fw-bold text-primary">{{ \$item->name }}</td>

<td class="text-center">{{ \$item->quantity }}</td>

<td>{{ \$item->notes ?? '-' }}</td>

<td class="text-center">

id) }}" class="btn btn-warning btn-sm me-2

rounded-pill">

Edit

<form action="{{ route('items.destroy', \$item->id) }}" method="POST" class="d-inline" onsubmit="return confirm('Apakah Anda yakin ingin menghapus barang ini?');">

@csrf

@method('DELETE')

<button type="submit" class="btn btn-danger btn-sm rounded-pill">

Hapus

</button>

</form>

```

        </td>
    </tr>
</tbody>
</table>
</div>
@endif
</div>
@endsection

```

Create.blade.php

```

@extends('layouts.app')

@section('title', 'Tambah Barang Baru')

@section('content')
<div class="card p-4 mx-auto" style="max-width: 600px;">
    <h1 class="text-center mb-4 display-5 fw-bold text-dark">Tambah Barang Baru</h1>

    <form action="{{ route('items.store') }}" method="POST">
        @csrf
        <div class="mb-3">
            <label for="name" class="form-label h5">Nama Barang:</label>
            <input type="text" id="name" name="name" value="{{ old('name') }}"
                class="form-control form-control-lg @error('name') is-invalid @enderror" required autofocus>
            @error('name')
                <div class="invalid-feedback">
                    {{ $message }}
                </div>
            @enderror
        </div>

        <div class="mb-3">

```



```
<label for="quantity" class="form-label h5">Jumlah:</label>
```

```
<input type="number" id="quantity" name="quantity" value="{{ old('quantity', 1) }}" min="1"
class="form-control form-control-lg @error('quantity') is-invalid @enderror" required>
```

```
@error('quantity')
```

```
<div class="invalid-feedback">
```

```
    {{ $message }}
```

```
</div>
```

```
@enderror
```

```
</div>
```

```
<div class="mb-4">
```

```
<label for="notes" class="form-label h5">Catatan Tambahan (Opsional):</label>
```

```
<textarea id="notes" name="notes" rows="4"
```

```
class="form-control @error('notes') is-invalid @enderror">{{ old('notes') }}</textarea>
```

```
@error('notes')
```

```
<div class="invalid-feedback">
```

```
    {{ $message }}
```

```
</div>
```

```
@enderror
```

```
</div>
```

```
<div class="d-flex justify-content-between align-items-center mt-4">
```

```
<button type="submit" class="btn btn-custom-blue btn-lg">
```

```
    Tambah Barang
```

```
</button>
```

```
<a href="{{ route('items.index') }}" class="btn btn-link text-primary fw-bold">
```

```
    Batal
```

```
</a>
```

```
</div>
```

```
</form>
```

```
</div>
```

```
@endsection
```

Edit.blade.php

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

```
@section('title', 'Edit Barang')
```

```
@section('content')
```

```
<div class="card p-4 mx-auto" style="max-width: 600px;">
```

```
<h1 class="text-center mb-4 display-5 fw-bold text-dark">Edit Barang</h1>
```

```
<form action="{{ route('items.update', $item->id) }}" method="POST">
```

```
@csrf
```

```
@method('PUT') {{ -- Gunakan method PUT untuk update -- }}
```

```
<div class="mb-3">
```

```
<label for="name" class="form-label h5">Nama Barang:</label>
```

```
<input type="text" id="name" name="name" value="{{ old('name', $item->name) }}"
```

```
class="form-control form-control-lg @error('name') is-invalid @enderror" required autofocus>
```

```
@error('name')
```

```
<div class="invalid-feedback">
```

```
{{ $message }}
```

```
</div>
```

```
@enderror
```

```
</div>
```

```
<div class="mb-3">
```

```
<label for="quantity" class="form-label h5">Jumlah:</label>
```

```
<input type="number" id="quantity" name="quantity" value="{{ old('quantity', $item->quantity) }}"
min="1"
```

```
class="form-control form-control-lg @error('quantity') is-invalid @enderror" required>
```

```
@error('quantity')
```

```
<div class="invalid-feedback">
```

```
{{ $message }}
```

```
</div>
```

```
@enderror
```

</div>

<div class="mb-4">

<label for="notes" class="form-label h5">Catatan Tambahan (Opsional):</label>

<textarea id="notes" name="notes" rows="4"

class="form-control @error('notes') is-invalid @enderror">{{ old('notes', \$item->notes) }}</textarea>

@error('notes')

<div class="invalid-feedback">

{{ \$message }}

</div>

@enderror

</div>

<div class="d-flex justify-content-between align-items-center mt-4">

<button type="submit" class="btn btn-custom-blue btn-lg">

Perbarui Barang

</button>

Batal

</div>

</form>

</div>

@endsection

itemSeeder.php

@extends('layouts.app')

@section('title', 'Edit Barang')

@section('content')

<div class="card p-4 mx-auto" style="max-width: 600px;">

<h1 class="text-center mb-4 display-5 fw-bold text-dark">Edit Barang</h1>

```
<form action="{{ route('items.update', $item->id) }}" method="POST">
```

```
@csrf
```

```
@method('PUT') {{-- Gunakan method PUT untuk update --}}
```

```
<div class="mb-3">
```

```
<label for="name" class="form-label h5">Nama Barang:</label>
```

```
<input type="text" id="name" name="name" value="{{ old('name', $item->name) }}"
```

```
class="form-control form-control-lg @error('name') is-invalid @enderror" required autofocus>
```

```
@error('name')
```

```
<div class="invalid-feedback">
```

```
{{ $message }}
```

```
</div>
```

```
@enderror
```

```
</div>
```

```
<div class="mb-3">
```

```
<label for="quantity" class="form-label h5">Jumlah:</label>
```

```
<input type="number" id="quantity" name="quantity" value="{{ old('quantity', $item->quantity) }}"
min="1"
```

```
class="form-control form-control-lg @error('quantity') is-invalid @enderror" required>
```

```
@error('quantity')
```

```
<div class="invalid-feedback">
```

```
{{ $message }}
```

```
</div>
```

```
@enderror
```

```
</div>
```

```
<div class="mb-4">
```

```
<label for="notes" class="form-label h5">Catatan Tambahan (Opsional):</label>
```

```
<textarea id="notes" name="notes" rows="4"
```

```
class="form-control @error('notes') is-invalid @enderror">{{ old('notes', $item->notes)
}}</textarea>
```

```
@error('notes')
```

```

        <div class="invalid-feedback">

            {{ $message }}

        </div>

    @enderror

</div>

<div class="d-flex justify-content-between align-items-center mt-4">

    <button type="submit" class="btn btn-custom-blue btn-lg">

        Perbarui Barang

    </button>

    <a href="{{ route('items.index') }}" class="btn btn-link text-primary fw-bold">

        Batal

    </a>

</div>

</form>

</div>

@endsection

```

Databaseseeder.php

```

<?php

namespace Database\Seeders;

use Illuminate\Database\Console\Seeds\WithoutModelEvents;
use Illuminate\Database\Seeder;

class DatabaseSeeder extends Seeder
{
    /**
     * Seed the application's database.
     */
    public function run(): void
    {

```

```
// Panggil ItemSeeder di sini
$this->call([
    ItemSeeder::class,
]);
}
}
```