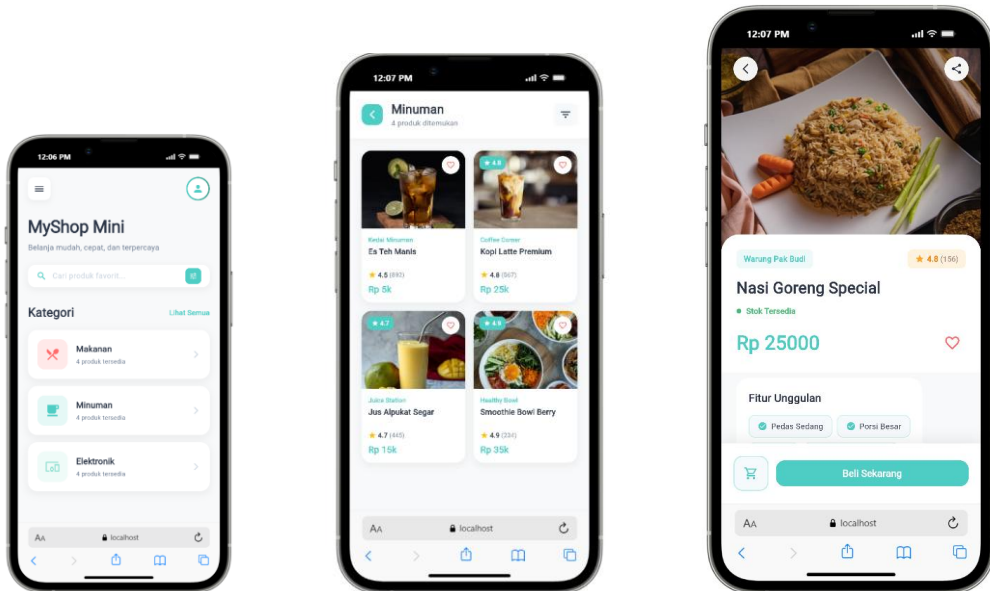


MyShop Mini Di buat Menggunakan Framework Flutter dengan 3 Halaman Utama Yaitu Home, Product List, dan Product View

1. Tampilan Home, Product List, Product View



Widget yang saya gunakan dalam struktur code di atas Sebagai Berikut :

Main Widget :

1. **MaterialApp** - Root widget aplikasi, mengatur theme dan routing :

```
MaterialPageRoute(  
    builder: (context) =>  
    ProductListScreen(category: category),  
  
    MaterialPageRoute(  
        builder: (context) =>  
        ProductDetailScreen(product: product),  
  
    return MaterialApp(  
        debugShowCheckedModeBanner: false,  
        title: 'MyShop Mini',
```

2. **Scaffold** - Struktur dasar halaman dengan body dan SafeArea

```
return Scaffold(  
    body: SafeArea(  
        child: SingleChildScrollView(  
            child: 
```

```

        child: Padding(
          padding: EdgeInsets.symmetric(horizontal:
horizontalPadding),
          child: Column(
            crossAxisAlignment:
CrossAxisAlignment.start,
            children: [
              SizedBox(height: 20),

return Scaffold(
  body: Stack(
    children: [
      // Scrollable Content
      SingleChildScrollView(
        child: Column(

```

3. **SafeArea** - Menghindari area notch/status bar

```

body: SafeArea(
  child: SafeArea(
    child: Row(
return Scaffold(
  body: SafeArea(
    child: Column(
  child: SafeArea(
    child: Container(
      padding: EdgeInsets.symmetric(horizontal:
20, vertical: 15),
    child: Row(

```

Layout Widget :

4. **Column** - Menyusun widget secara vertikal

```

child: Column(
  crossAxisAlignment: CrossAxisAlignment.start,
  children: [

```

5. **Row** - Menyusun widget secara horizontal

```

Row(
  mainAxisAlignment: MainAxisAlignment.spaceBetween,
  children: [

```

```

    Container(
      padding: EdgeInsets.symmetric(
        horizontal: 12,
        vertical: 6,
      ),
      decoration: BoxDecoration(
        color: Color(0xFF4ECDC4).withOpacity(0.1),
        borderRadius: BorderRadius.circular(8),
      ),
    ),
  ],
)

```

6. **Expanded** - Membuat widget mengisi ruang tersedia

```

Expanded(
  child: Padding(
    padding: EdgeInsets.all(12),
    child: Column(
      children: [

```

7. **Padding** - Memberikan jarak dalam widget

```

padding: EdgeInsets.all(12),

```

8. **Container** - Kotak fleksibel untuk styling dan layout

```

Container(
  padding: EdgeInsets.symmetric(
    horizontal: 12,
    vertical: 6,
  ),
  decoration: BoxDecoration(
    color: Color(0xFFFFF3E0),
    borderRadius: BorderRadius.circular(8),
  ),
)

```

9. **Stack** - Menumpuk widget di atas satu sama lain

```

Stack(
  children: [
    Container(
      height: 140,

```

```

        decoration: BoxDecoration(
          borderRadius: BorderRadius.vertical(
            top: Radius.circular(18),
          ),
          image: DecorationImage(
            image: NetworkImage(product.imageUrl),
            fit: BoxFit.cover,
          ),
        ),
      ),
    ],
  ),
)

```

10. **TextField** - Input pencarian

```

Text(
  'Fitur Unggulan',
  style: TextStyle(
    fontSize: 18,
    fontWeight: FontWeight.bold,
    color: Color(0xFF2D3748),
  ),
),

```

11. **GestureDetector** - Mendeteksi tap/touch

```

GestureDetector(
  onTap: () => Navigator.pop(context),
  child: Container(
    padding: EdgeInsets.all(10),
    decoration: BoxDecoration(
      color: Colors.white.withOpacity(0.95),
      shape: BoxShape.circle,
      boxShadow: [
        BoxShadow(
          color: Colors.black.withOpacity(0.15),
          blurRadius: 10,
        ),
      ],
    ),
  ),
)

```

12. CircleAvatar - Avatar berbentuk lingkaran

```
child: CircleAvatar(  
  radius: 22,  
  backgroundColor: Colors.white,  
  child: Icon(  
    Icons.person,  
    color: Color(0xFF4ECDC4),  
    size: 24,  
  ),  
),
```

13. Icon - Menampilkan icon

```
Icon(  
  Icons.arrow_forward_ios,  
  color: Color(0xFFCBD5E0),  
  size: 18,  
),
```

14. ElevatedButton - Tombol dengan elevasi

```
child: ElevatedButton(  
  onPressed: () {  
    ScaffoldMessenger.of(context).showSnackBar(  
      SnackBar(  
        content: Row(  
          children: [  
            Icon(  
              Icons.check_circle,  
              color: Colors.white,  
            )  
          ]  
        )  
      )  
    )  
  },  
)
```

15. BoxDecoration - Styling container (border radius, shadow, gradient)

```
decoration: BoxDecoration(  
  color: Color(0xFFF7FAFC),  
  borderRadius: BorderRadius.circular(10),  
),
```

16. BoxShadow - Memberikan bayangan

```
boxShadow: [  
  BoxShadow(  
    color: Colors.black.withOpacity(0.05),  
  ),  
],
```

```
        blurRadius: 10,  
        offset: Offset(0, 4),  
      ),  
    ],
```

17. **NetworkImage** - Load gambar dari URL

```
image: DecorationImage(  
  image: NetworkImage(product.imageUrl),  
  fit: BoxFit.cover,  
),
```

18. **SnackBar** - Notifikasi sementara di bawah layar

```
ScaffoldMessenger.of(context).showSnackBar(  
  SnackBar(  
    content: Row(  
      children: [  
        Icon(  
          Icons.check_circle,  
          color: Colors.white,  
        ),  
        SizedBox(width: 10),  
        Expanded(  
          child: Text(  
            '${product.name} berhasil ditambahkan!',  
          ),  
        ),  
      ],  
    ),  
  ),  
);
```

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UTS PEMOGRAMAN MOBILE

Link Github : <https://github.com/rizzdev31/my-shopmini.git>