

3rd Flutter App UI

3rd Project Scroll Bar

```
void main() => runApp(MyApp());
```

☞ Ye line app ko run karne ke liye MyApp class ko start karti hai.

```
class MyApp extends StatelessWidget {
```

☞ Ye ek **stateless widget** hai, jo UI banata hai aur kabhi change nahi hota.

```
MaterialApp(  
  debugShowCheckedModeBanner: false,
```

☞ App ke corner mein jo **debug banner** hota hai, usay hide karta hai.

```
home: Scaffold(  
  appBar: AppBar(  
    backgroundColor: Colors.blue,  
    title: Text('Card Scroll Example'),  
  ),
```

☞ Scaffold app ka main layout banata hai.

☞ AppBar top bar hai jisme title “Card Scroll Example” likha hai aur background blue hai.

```
body: Padding(  
  padding: const EdgeInsets.all(12.0),
```

☞ Padding se app ke andar content ko thoda andar push kiya gaya hai (12 pixels har side se).

```
child: SingleChildScrollView(  
  child: Column(  
    children: [  
      buildCard(...)
```

☞ SingleChildScrollView ka matlab hai poora content **scrollable** hai (upar-neeche).

☞ Column ka matlab vertical alignment.

☞ buildCard ek custom function hai jo har card ka design karta hai.

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Har Card ke Ander:

- `color`: Card ka background color
 - `title`: Jaise Dribbble, Twitter, etc.
 - `subtitle`: Email, phone, ya address
 - `detail`: Jaise password ya card info (hidden form mein)
-

Yahan `buildCard()` function ka **Roman Urdu** mein short explanation diya gaya hai — yeh function Flutter mein **ek stylish Card** banata hai jo scrolling list mein baar baar use hota hai:

🔧 `buildCard()` Function – Roman Urdu Explanation:

```
Widget buildCard({
  required Color color,
  required String title,
  required String subtitle,
  required String detail,
})
```

🔗 Yeh ek **custom widget function** hai jo 4 cheezein leta hai: `color`, `title`, `subtitle`, aur `detail` — aur inko use karke ek **Card widget** banata hai.

```
return Card(
  margin: EdgeInsets.symmetric(vertical: 10),
  color: color,
```

🔗 Card ek box type layout hai jisme vertical margin diya gaya hai (upar aur neeche 10 pixels gap).

🔗 Har card ka apna **background color** hoga jo upar `color`: mein pass kiya gaya.

```
shape: RoundedRectangleBorder(
  borderRadius: BorderRadius.circular(12),
),
```

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☞ Card ke konay **gol** kiye gaye hain (12 pixels rounded radius).

```
child: Padding(  
  padding: const EdgeInsets.all(16.0),
```

☞ Card ke andar content ko 16 pixels ka **andar se space** diya gaya hai.

```
Column(  
  crossAxisAlignment: CrossAxisAlignment.start,
```

☞ Card ke andar items **top to bottom** vertically arrange kiye gaye hain, aur sab left-aligned hain.

✦ Row ke Andar:

```
Row(  
  mainAxisAlignment: MainAxisAlignment.spaceBetween,
```

☞ Upar wali row mein **left side title** aur **right side emoji** dikhaya gaya hai.

☞ Dono ke darmiyan **space between** lagaya gaya hai (equal gap).

```
Text(title, ...)  
Text('😊', ...)
```

☞ title white bold font mein hai.

☞ Right side pe ek **emoji** lagaya gaya hai — isay badal bhi sakte ho (jaise 🔒, 📱, 🗑️, etc).

✦ Niche Do Text Fields:

```
Text(subtitle, ...)  
Text(detail, ...)
```

☞ subtitle halka white (white70) mein medium font ke sath.

☞ detail full white aur halka chhota size ka hai.

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Source Code

```
import 'package:flutter/material.dart';

void main() => runApp(MyApp());

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: Scaffold(
        appBar: AppBar(
          backgroundColor: Colors.blue,
          title: Text('Card Scroll Example'),
        ),
        body: Padding(
          padding: const EdgeInsets.all(12.0),
          child: SingleChildScrollView(
            child: Column(
              children: [
                buildCard(
                  color: Colors.orange,
                  title: 'Dribbble',
                  subtitle: 'Paidax',
                  detail: '*****',
                ),
                buildCard(
                  color: Colors.blue,
                  title: 'HJM',
                  subtitle: '173****8838',
                  detail: '*****',
                ),
                buildCard(
                  color: Colors.green,
                  title: 'Tom',
                  subtitle:
                    'Room 601, Building 8, Zhongnan Century City, No.8, Taoyuan
Road...',
                  detail: '130****3920',
                ),
              ],
            ),
          ),
        ),
      ),
    );
  }
}
```

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```
    ),
    buildCard(
      color: Colors.purple,
      title: '1882',
      subtitle: 'ICBC',
      detail: 'Debit Card 12/19',
    ),
    // Additional Cards
    buildCard(
      color: Colors.red,
      title: 'Facebook',
      subtitle: 'fbook@domain.com',
      detail: '*****',
    ),
    buildCard(
      color: Colors.yellow,
      title: 'Twitter',
      subtitle: '123****4567',
      detail: '*****',
    ),
    buildCard(
      color: Colors.teal,
      title: 'LinkedIn',
      subtitle: 'john.doe@linkedin.com',
      detail: '*****',
    ),
    buildCard(
      color: Colors.pink,
      title: 'Google',
      subtitle: 'support@google.com',
      detail: '*****',
    ),
  ],
),
),
),
),
);
}

Widget buildCard({
  required Color color,
  required String title,
  required String subtitle,
  required String detail,
```

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```
}) {  
  return Card(  
    margin: EdgeInsets.symmetric(vertical: 10),  
    color: color,  
    shape: RoundedRectangleBorder(  
      borderRadius: BorderRadius.circular(12),  
    ),  
    child: Padding(  
      padding: const EdgeInsets.all(16.0),  
      child: Column(  
        crossAxisAlignment: CrossAxisAlignment.start,  
        children: [  
          Row(  
            mainAxisAlignment: MainAxisAlignment.spaceBetween,  
            children: [  
              Text(  
                title,  
                style: TextStyle(  
                  color: Colors.white,  
                  fontSize: 20,  
                  fontWeight: FontWeight.bold),  
              ),  
              // Replacing image with emoji  
              Text(  
                '😊', // You can change this emoji to any you like  
                style: TextStyle(  
                  fontSize: 30,  
                  color: Colors.white,  
                ),  
            ),  
          ],  
        ),  
        SizedBox(height: 10),  
        Text(  
          subtitle,  
          style: TextStyle(  
            color: Colors.white70,  
            fontSize: 16,  
            fontWeight: FontWeight.w500),  
        ),  
        SizedBox(height: 10),  
        Text(  
          detail,  
          style: TextStyle(  
            color: Colors.white,
```

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```
fontSize: 14,  
fontWeight: FontWeight.w400),  
),  
],  
),  
),  
);  
}  
}
```