

Duhok Polytechnic University

Technical College of Zakho

Department of CIS



LAB 6: Example Set 1

MOBILE APPLICATION

Objectives

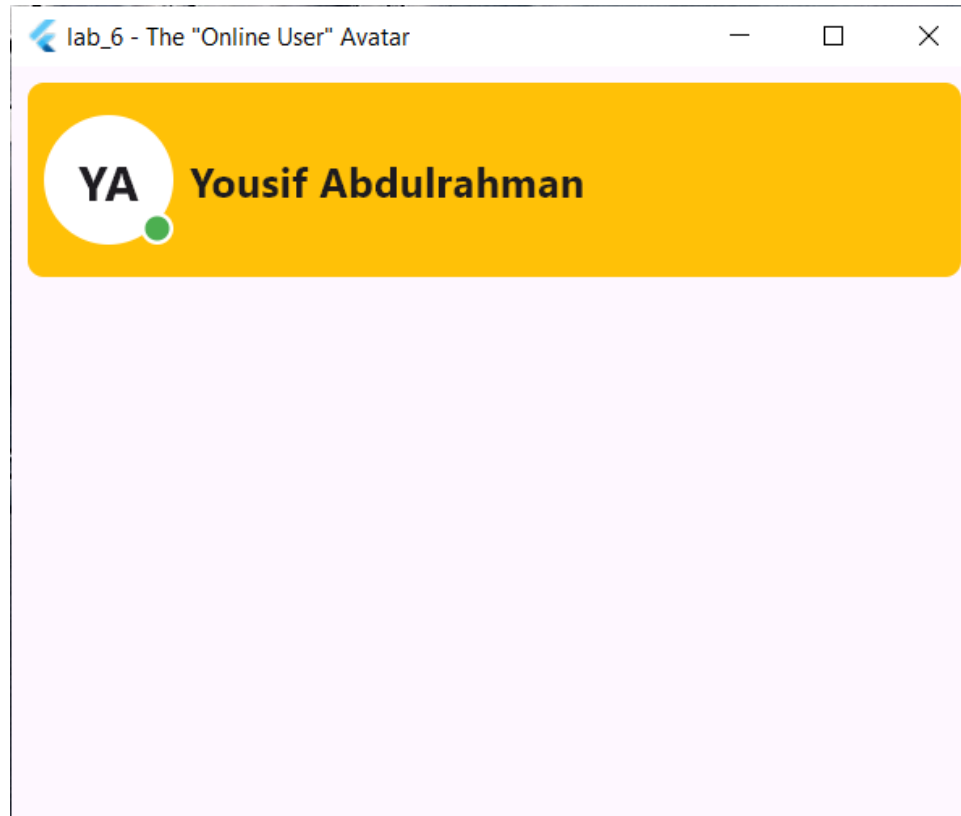
Deconstruct The Layout

Create a User Online Status Avatar

Design a Settings Page

Nest Widgets To Make a Card

Example 1 – Preview



The "Online User" Avatar

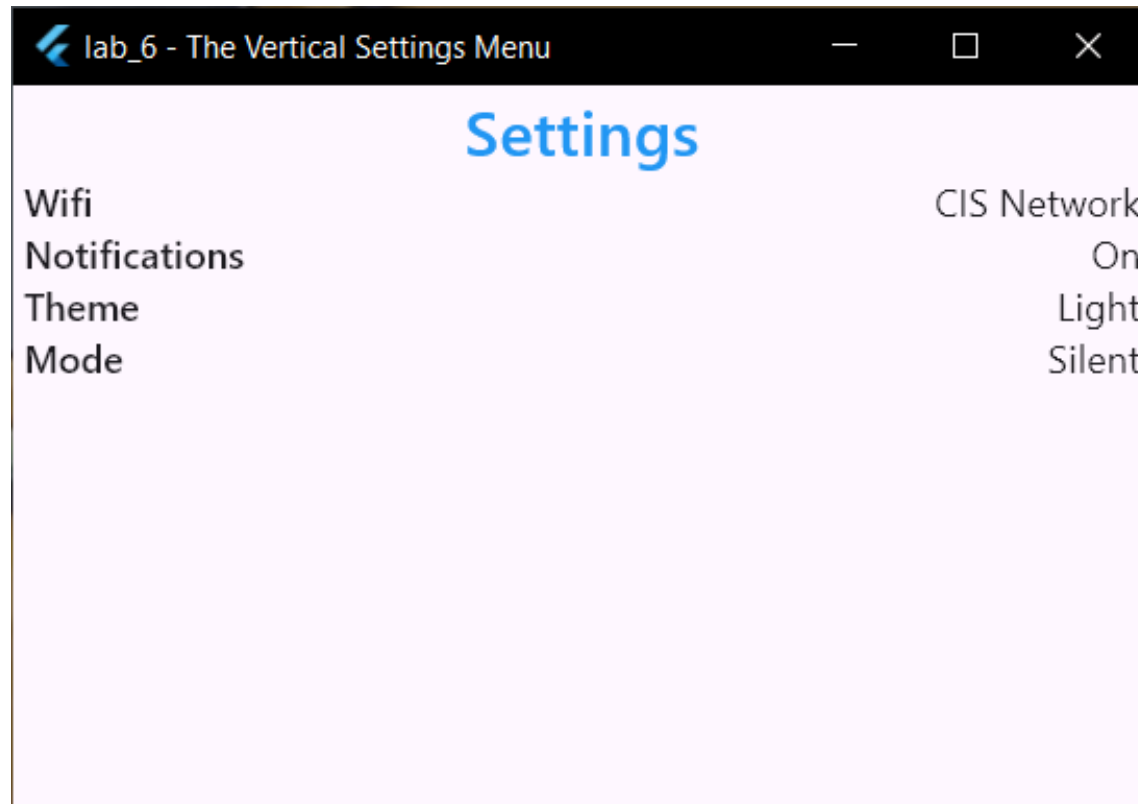
Example 1 – Code 1

```
1 Container(  
2   width: double.infinity, height: 72,  
3   padding: EdgeInsets.all(8), margin: EdgeInsets.all(8),  
4   decoration: BoxDecoration(  
5     color: Colors.amber, borderRadius: BorderRadius.circular(8),  
6   ),  
7   child: Row(  
8     crossAxisAlignment: CrossAxisAlignment.center, mainAxisAlignment: MainAxisAlignment.min,  
9     children: [  
10      Container(  
11        width: 64, height: 64,  
12        decoration: BoxDecoration(  
13          shape: BoxShape.circle, color: Colors.white,  
14        ),  
15        child: Stack(  
16          alignment: Alignment.bottomRight,  
17          children: [  
18            Center(child:  
19              Text(  
20                "YA", style: TextStyle(  
21
```

Example 1 – Code 2

```
1           fontSize: 24,fontWeight: FontWeight.bold,
2           ),
3         ),
4       ),
5       Container(
6         width: 16, height: 16,
7         decoration: BoxDecoration(
8           shape: BoxShape.circle, color: Colors.green,
9           border: Border.all(color: Colors.white, width: 2),
10        ),
11      ),
12    ],
13  ),
14 ),
15 SizedBox(width: 8),
16 Text("Yousif Abdulrahman",
17   style: TextStyle(fontWeight: FontWeight.bold, fontSize: 20),
18 ),
19 ],
20 ),
21 )
```

Example 2 – Preview

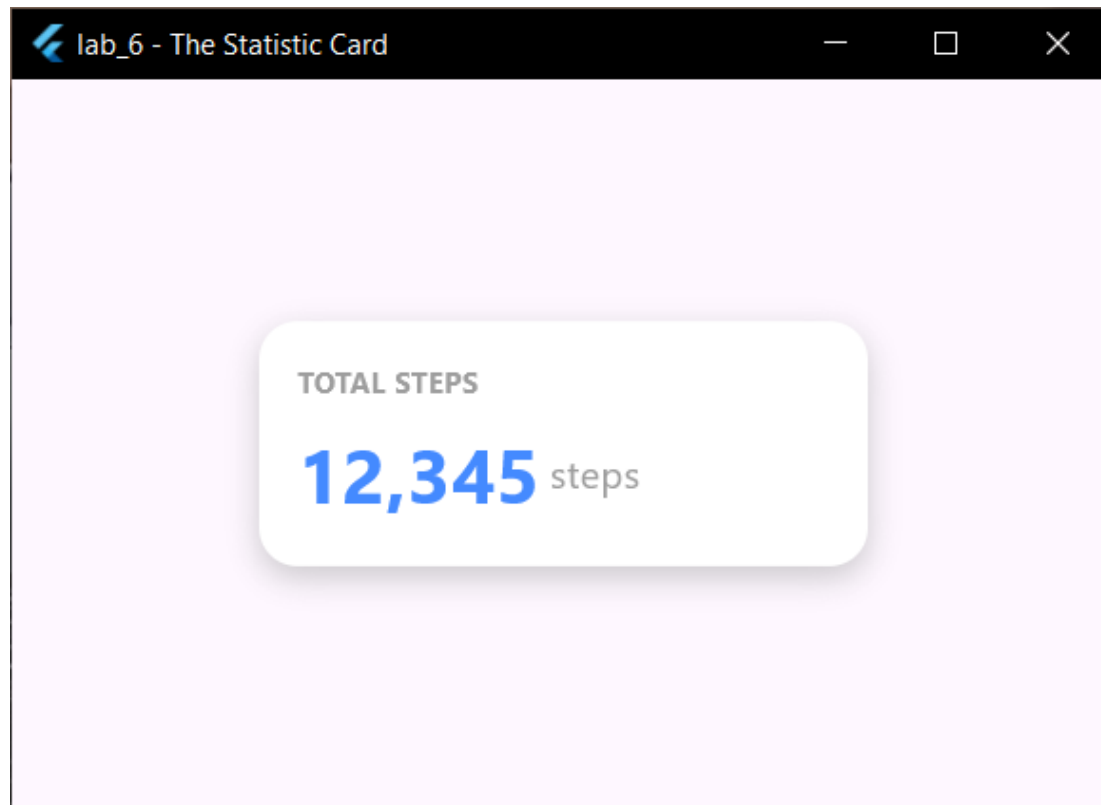


The Vertical Settings Menu

Example 2 – Code

```
1  Padding(  
2    padding: const EdgeInsets.symmetric(horizontal: 4),  
3    child: Column(  
4      children: [  
5        Text(  
6          "Settings",  
7          style: TextStyle(  
8            fontSize: 24, fontWeight: FontWeight.w500,  
9            color: Colors.blue,  
10         )  
11      )  
12      Row(  
13        mainAxisAlignment: MainAxisAlignment.spaceBetween,  
14        children: [  
15          Text("Wifi", style: TextStyle(fontWeight: FontWeight.w600)),  
16          Text("CIS Network"),  
17        ],  
18      )  
19      ... // Same for Notifications, Theme, and Mode  
20    ],  
21  ),  
22 )
```

Example 3 – Preview



The Vertical Settings Menu

Example 3 – Code

```
1 Center(  
2   child: Container(  
3     width: 256, padding: EdgeInsets.all(16),  
4     decoration: BoxDecoration(  
5       color: Colors.white, borderRadius: BorderRadius.circular(16),  
6       boxShadow: [ BoxShadow( color: Colors.grey.withAlpha(128), blurRadius: 10, offset: Offset(0, 5)), ],  
7     ),  
8     child: Column(  
9       mainAxisAlignment: MainAxisAlignment.start,  
10      children: [  
11        Text('TOTAL STEPS', style: TextStyle( color: Colors.grey, fontSize: 12, fontWeight: FontWeight.bold)),  
12        SizedBox(height: 8),  
13        Row(  
14          children: [  
15            Text('12,345', style: TextStyle( fontSize: 32, fontWeight: FontWeight.bold, color: Colors.blue)),  
16            SizedBox(width: 4),  
17            Text('steps', style: TextStyle(fontSize: 16, color: Colors.grey)),  
18          ],  
19        ),  
20      ],  
21    ),  
22  ),  
23 )
```

Any Questions?

