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1 // PRACTICAL-5: Develop a flutter app with custom widget to display your Enrollment number, Name, and Photo.
  // Your image should be display in circular shape. Also display your hobbies with chip widgets.
2
3 // Name: Angat Nayanbhai Shah
4 // Enrollment No: 202203103510097
5 // Branch: B.Tech Computer Science and Engineering
6
7 // CODE:
8
9 import 'package:flutter/material.dart';
10
11 void main() {
12   runApp(MyApp());
13 }
14
15 class MyApp extends StatelessWidget {
16   @override
17   Widget build(BuildContext context) {
18     return MaterialApp(
19       title: 'PRACTICAL 5',
20       theme: ThemeData(
21         primarySwatch: Colors.blue,
22         visualDensity: VisualDensity.adaptivePlatformDensity,
23       ),
24       debugShowCheckedModeBanner: false,
25       home: ProfileScreen(),
26     );
27   }
28 }
29
30 class ProfileScreen extends StatelessWidget {
31   @override
32   Widget build(BuildContext context) {
33     return Scaffold(
34       appBar: AppBar(
35         title: Text('PRACTICAL 5'),
36       ),
37       body: Column(
38         mainAxisAlignment: MainAxisAlignment.spaceBetween, // Space between content
39         children: <Widget>[
40           Expanded(
41             child: Center(
42               child: ProfileWidget(
43                 name: 'ANGAT SHAH',
44                 enrollmentNumber: '097',
45                 imagePath: 'assets/images/profile_photo.jpg',
46                 hobbies: ['Gaming', 'Dancing', 'Sports'],
47             ),
48           ),
49           const Padding(
50             padding: const EdgeInsets.all(16.0),
51             child: Text(
52               '202203103510097',
53               style: TextStyle(fontSize: 14, color: Colors.grey),
54               textAlign: TextAlign.center, // Center text horizontally
55             ),
56           ),
57         ],

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58     ],
59     ),
60 );
61 }
62 }
63
64 class ProfileWidget extends StatelessWidget {
65     final String name;
66     final String enrollmentNumber;
67     final String imagePath;
68     final List<String> hobbies;
69
70     ProfileWidget({
71         required this.name,
72         required this.enrollmentNumber,
73         required this.imagePath,
74         required this.hobbies,
75     });
76
77     @override
78     Widget build(BuildContext context) {
79         return Column(
80             mainAxisAlignment: MainAxisAlignment.center,
81             children: <Widget>[
82                 CircleAvatar(
83                     radius: 80,
84                     backgroundImage: AssetImage(imagePath),
85                 ),
86                 SizedBox(height: 20),
87                 Text(
88                     'Name: $name',
89                     style: TextStyle(fontSize: 24, fontWeight: FontWeight.bold),
90                 ),
91                 Text(
92                     'Enrollment Number: $enrollmentNumber',
93                     style: TextStyle(fontSize: 18, color: Colors.grey),
94                 ),
95                 SizedBox(height: 20),
96                 Wrap(
97                     spacing: 8.0, // Gap between adjacent chips
98                     runSpacing: 4.0, // Gap between lines
99                     children: hobbies.map((hobby) => Chip(
100                         label: Text(hobby),
101                     )).toList(),
102                 ),
103                 Spacer(),
104             ],
105         );
106     }
107 }

```