

POSTTEST 2

PEMORGRAMAN PIRANTI BEREGERAK

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Source Code:

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

void main() {
  runApp(const MyApp());
}

class MyApp extends StatelessWidget {
  const MyApp({super.key});
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Flutter Demo',
      theme: ThemeData(
        colorScheme: ColorScheme.fromSeed(seedColor: Colors.deepPurple),
        useMaterial3: true,
      ),
      home: const MyHomePage(),
    );
  }
}

class MyHomePage extends StatelessWidget {
  const MyHomePage({super.key});

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        backgroundColor: Colors.blueGrey,
        title: Text(
          "Course Schedule",

```

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        style: TextStyle(
          color: Colors.white, fontSize: 20, fontWeight:
FontWeight.normal),
      ),
    ),
    body: Center(
      child: Container(
        padding: EdgeInsets.symmetric(horizontal: 10),
        decoration: BoxDecoration(
          image: DecorationImage(
            opacity: 0.4,
            image: NetworkImage(
              'https://images.unsplash.com/photo-1553877522-
43269d4ea984?ixlib=rb-
4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D&auto=format&fit
=crop&w=1770&q=80'),
            fit: BoxFit.cover,
          ),
        ),
      child: Column(
        children: [
          Padding(padding: EdgeInsets.symmetric(vertical: 10)),
          Text("Schedule on this week"),
          Padding(padding: EdgeInsets.symmetric(vertical: 10)),
          Row(
            mainAxisAlignment: MainAxisAlignment.spaceAround,
            children: [
              Container(
                padding: EdgeInsets.symmetric(vertical: 17),
                width: 70,
                height: 90,
                decoration: BoxDecoration(
                  borderRadius: BorderRadius.circular(12),
                  border: Border.all(color: Colors.grey.withOpacity(0.13)),
                  gradient: LinearGradient(
                    begin: Alignment.topLeft,
                    end: Alignment.bottomRight,
                    colors: [
                      //begin color
                      Colors.blueGrey.withOpacity(0.9),
                      //end color
                      Colors.grey.withOpacity(0.05),
                    ],
                  ),
                ),
              child: Column(

```

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        children: [
          Text(
            "Monday",
            style: TextStyle(fontSize: 11),
          ),
          //SizedBox(height: 1),
          Text(
            "2",
            style: TextStyle(
              fontSize: 25, fontWeight: FontWeight.w600),
          )
        ],
      ),
    ),
  ),

  Container(
    padding: EdgeInsets.symmetric(vertical: 17),
    width: 70,
    height: 90,
    decoration: BoxDecoration(
      borderRadius: BorderRadius.circular(12),
      border: Border.all(color: Colors.grey.withOpacity(0.13)),
      gradient: LinearGradient(
        begin: Alignment.topLeft,
        end: Alignment.bottomRight,
        colors: [
          //begin color
          Colors.grey.withOpacity(0.5),
          //end color
          Colors.grey.withOpacity(0.05),
        ],
      ),
    ),
  ),
  child: Column(
    children: [
      Text(
        "Tuesday",
        style: TextStyle(fontSize: 11),
      ),
      //SizedBox(height: 1),
      Text(
        "0",
        style: TextStyle(
          fontSize: 25, fontWeight: FontWeight.w600),
      )
    ],
  ),

```

```

    ),
  ),
  // SizedBox(width: 5),

  Container(
    padding: EdgeInsets.symmetric(vertical: 17),
    width: 70,
    height: 90,
    decoration: BoxDecoration(
      borderRadius: BorderRadius.circular(12),
      border: Border.all(color: Colors.grey.withOpacity(0.13)),
      gradient: LinearGradient(
        begin: Alignment.topLeft,
        end: Alignment.bottomRight,
        colors: [
          //begin color
          Colors.grey.withOpacity(0.5),
          //end color
          Colors.grey.withOpacity(0.05),
        ],
      ),
    ),
    child: Column(
      children: [
        Text(
          "Wednesday",
          style: TextStyle(fontSize: 11),
        ),
        //SizedBox(height: 1),
        Text(
          "0",
          style: TextStyle(
            fontSize: 25, fontWeight: FontWeight.w600),
        )
      ],
    ),
  ),
  Container(
    padding: EdgeInsets.symmetric(vertical: 17),
    width: 70,
    height: 90,
    decoration: BoxDecoration(
      borderRadius: BorderRadius.circular(12),
      border: Border.all(color: Colors.grey.withOpacity(0.13)),
      gradient: LinearGradient(
        begin: Alignment.topLeft,

```

```

        end: Alignment.bottomRight,
        colors: [
            //begin color
            Colors.grey.withOpacity(0.5),
            //end color
            Colors.grey.withOpacity(0.05),
        ]),
    ),
    child: Column(
      children: [
        Text(
          "Thursday",
          style: TextStyle(fontSize: 11),
        ),
        //SizedBox(height: 1),
        Text(
          "0",
          style: TextStyle(
            fontSize: 25, fontWeight: FontWeight.w600),
        )
      ],
    ),
  ),
  Container(
    padding: EdgeInsets.symmetric(vertical: 17),
    width: 70,
    height: 90,
    decoration: BoxDecoration(
      borderRadius: BorderRadius.circular(12),
      border: Border.all(color: Colors.grey.withOpacity(0.13)),
      gradient: LinearGradient(
        begin: Alignment.topLeft,
        end: Alignment.bottomRight,
        colors: [
            //begin color
            Colors.grey.withOpacity(0.5),
            //end color
            Colors.grey.withOpacity(0.05),
        ]),
    ),
  ),
  child: Column(
    children: [
      Text(
        "Friday",
        style: TextStyle(fontSize: 11),

```

```

    ),
    //SizedBox(height: 1),
    Text(
      "0",
      style: TextStyle(
        fontSize: 25, fontWeight: FontWeight.w600),
    )
  ],
),
),
],
),
SizedBox(height: 15),
Column(
  mainAxisAlignment: MainAxisAlignment.start,
  children: [
    Row(
      children: [
        Text(
          "Senin, 09.10 - 10.40",
          style: TextStyle(
            fontSize: 15, fontWeight: FontWeight.w400),
        ),
      ],
    ),
    Row(
      children: [
        Text(
          "Blockchain Fundamentals",
          style: TextStyle(
            fontSize: 17, fontWeight: FontWeight.w600),
        ),
      ],
    ),
    Row(
      children: [
        Text("Dr. Ir. Bramantyo Wibisono. M.Cs"),
      ],
    ),
  ],
),
SizedBox(height: 15),
Column(
  mainAxisAlignment: MainAxisAlignment.start,
  children: [

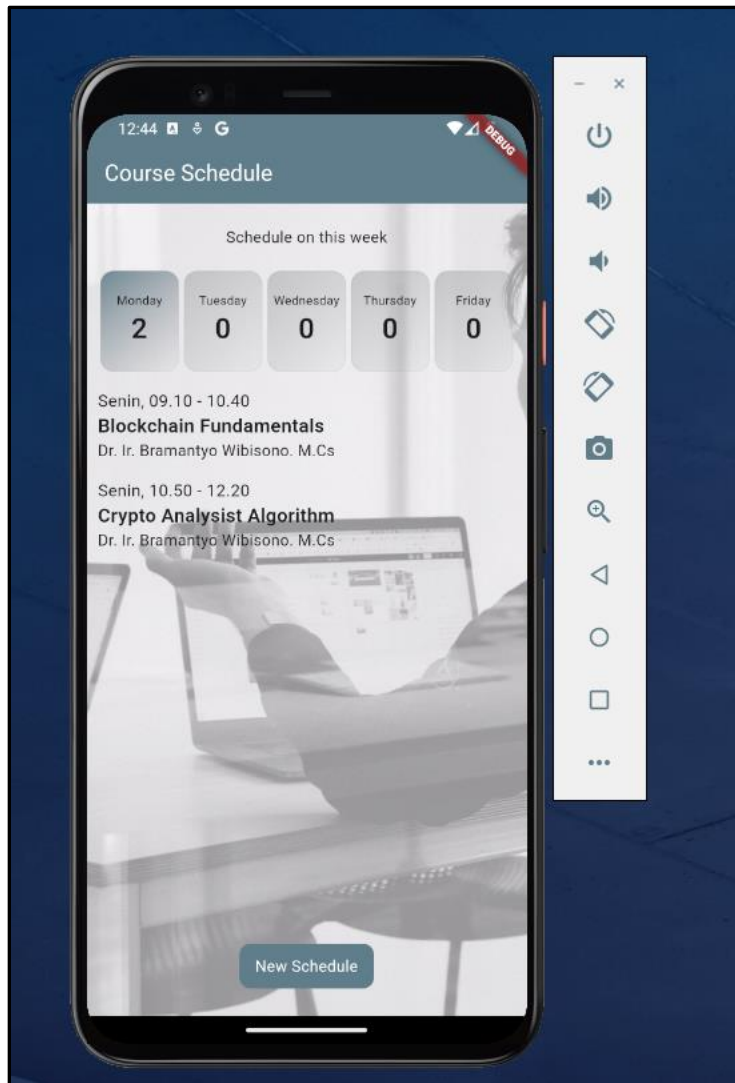
```

```

        Row(
          children: [
            Text(
              "Senin, 10.50 - 12.20",
              style: TextStyle(
                fontSize: 15, fontWeight: FontWeight.w400),
            ),
          ],
        ),
        Row(
          children: [
            Text(
              "Crypto Analyst Algorithm",
              style: TextStyle(
                fontSize: 17, fontWeight: FontWeight.w600),
            ),
          ],
        ),
        Row(
          children: [
            Text("Dr. Ir. Bramantyo Wibisono. M.Cs"),
          ],
        ),
      ],
    ),
    SizedBox(height: 350),
    Container(
      height: 40,
      width: 120,
      padding: EdgeInsets.all(10),
      decoration: BoxDecoration(
        color: Colors.blueGrey,
        borderRadius: BorderRadius.circular(10)),
      child: Column(children: [
        Text("New Schedule", style: TextStyle(color: Colors.white)),
      ]),
    ),
  ],
),
),
),
),
);
}
}

```

Output Program:



Deskripsi Halaman:

Halaman ini merupakan halaman *homepage* dalam *course schedule*, yang memungkinkan Pengguna untuk melihat jadwal kelas per-minggu dan mata kuliah di tiap harinya. informasi mata kuliah terdiri dari waktu, mata kuliah, dan dosen pengampu. Pengguna juga dapat menambahkan jadwal mata kuliah baru dalam daftar.