Perancangan & UI Aplikasi *Weekly Planner* berbasis *Mobile Application*

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Why Weekly Planner?

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Banyak orang khususnya mahasiswa jarang bahkan malas menyusun agendanya karena merasa pusing jika menyusun agenda untuk sebulan/setahun.

Dengan adanya agenda mingguan ini, lebih memudahkan mereka terlebih dalam pengerjaan tugas/pengumpulan tugas. Manfaat agenda juga agar kita tidak lupa walaupun kita menunda suatu kegiatan.

Source Code

```dart
void main() {
  runApp(MaterialApp(
    title: "Aplikasi Weekly Planner",
    home: NavigationDrawer(),
  )); // MaterialApp
}

class NavigationDrawer extends StatefulWidget {
  @override
  _NavigationDrawerState createState() => _NavigationDrawerState();
}

class _NavigationDrawerState extends State<NavigationDrawer> {
  final GlobalKey<ScaffoldState> _scaffoldKey = new GlobalKey<ScaffoldState>();
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      key: _scaffoldKey,
      appBar: AppBar(
        leading: new IconButton(
          icon: new Icon(Icons.home),
          onPressed: () => _scaffoldKey.currentState!.openEndDrawer(),
        ), // IconButton
        title: Text("Weekly Planners"),
        actions: <Widget>[],
        flexibleSpace: Container(
          decoration: BoxDecoration(
            gradient: LinearGradient(
              begin: Alignment.topLeft,
              end: Alignment.bottomRight,
              colors: <Color>[Colors.greenAccent, Colors.blue])), // LinearGradient // BoxDecoration
        ), // Container
      ), // AppBar
      endDrawer: DrawerWidget(),
```

Navigation

```dart
 3   class DrawerWidget extends StatelessWidget {
 4     @override
 5     Widget build(BuildContext context) {
 6       return Drawer(
 7         child: ListView(
 8           padding: EdgeInsets.zero,
 9           children: <Widget>[
10             _drawerHeader(),
11             _drawerItem(
12                 icon: Icons.list,
13                 text: 'All Activity Lists',
14                 onTap: () => print('Tap My Files')),
15             _drawerItem(
16                 icon: Icons.photo_camera,
17                 text: 'Lists with Pics',
18                 onTap: () => print('Tap Shared menu')),
19             _drawerItem(
20                 icon: Icons.delete,
21                 text: 'Deleted Lists',
22                 onTap: () => print('Tap Deleted menu')),
23             Divider(height: 25, thickness: 1),
24             Padding(
25               padding: const EdgeInsets.only(left: 20.0, top: 10, bottom: 10),
26               child: Text("Open Frequently",
27                   style: TextStyle(
28                     fontSize: 16,
29                     color: Colors.blue,
30                   )), // TextStyle // Text
31             ), // Padding
32             _drawerItem(
33                 icon: Icons.bookmark,
34                 text: 'Important',
35                 onTap: () => print('Tap Important menu')),
36             _drawerItem(
```

Fitur Navigation

```dart
45
46  Widget _drawerHeader() {
47    return UserAccountsDrawerHeader(
48      currentAccountPicture: ClipOval(
49        child: Image(
50          image: AssetImage('mobile_app/assets/naomi.jpg'),
51        ), // Image
52      ), // ClipOval
53      accountName: Text('Naomi Rombot'),
54      accountEmail: Text('naomiirmbt@gmail.com'),
55    ); // UserAccountsDrawerHeader
56  }
57
58  Widget _drawerItem(
59      {required IconData icon,
60      required String text,
61      required GestureTapCallback onTap}) {
62    return ListTile(
63      title: Row(
64        children: <Widget>[
65          Icon(icon),
66          Padding(
67            padding: EdgeInsets.only(left: 25.0),
68            child: Text(
69              text,
70              style: TextStyle(
71                fontWeight: FontWeight.bold,
72              ), // TextStyle
73            ), // Text
74          ), // Padding
75        ], // <Widget>[]
76      ), // Row
77      onTap: onTap,
78    ); // ListTile
```

Navigation Header

```dart
        body: ListView(scrollDirection: Axis.horizontal, children: <Widget>[
          Row(
            crossAxisAlignment: CrossAxisAlignment.center,
            mainAxisAlignment: MainAxisAlignment.center,
            children: [
              Image.asset('assets/bg.png'),
              Image.asset('assets/bgg.jpg'),
              Image.asset('assets/bg3.jpg'),
              Image.asset('assets/bg4.jpg'),
              Image.asset('assets/bg5.jpg'),
            ],
          ), // Row
        ])); // <Widget>[] // ListView // Scaffold
  }
}

class SpamBox extends StatefulWidget {
  SpamBox({required Key key, required this.text, required this.color})
      : super(key: key);

  // final Color colors;
  final String text;
  final Color color;

  @override
  _SpamBoxState createState() => _SpamBoxState();
}

class _SpamBoxState extends State<SpamBox> {
  @override
  Widget build(BuildContext context) {
    return Container(
      alignment: Alignment.center,
      child: Text(
```

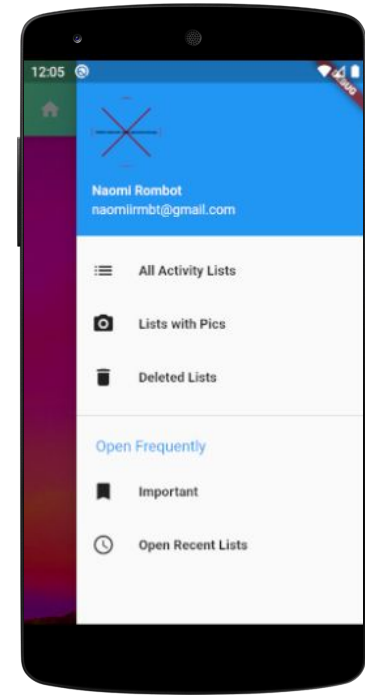# Home Scrolling View (Horizontal)

Implementasi

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Tampilan home [1] [2] (scrolling page, local image), tampilan 5 fitur [3].

Gambar 1

Gambar 2

Gambar 3