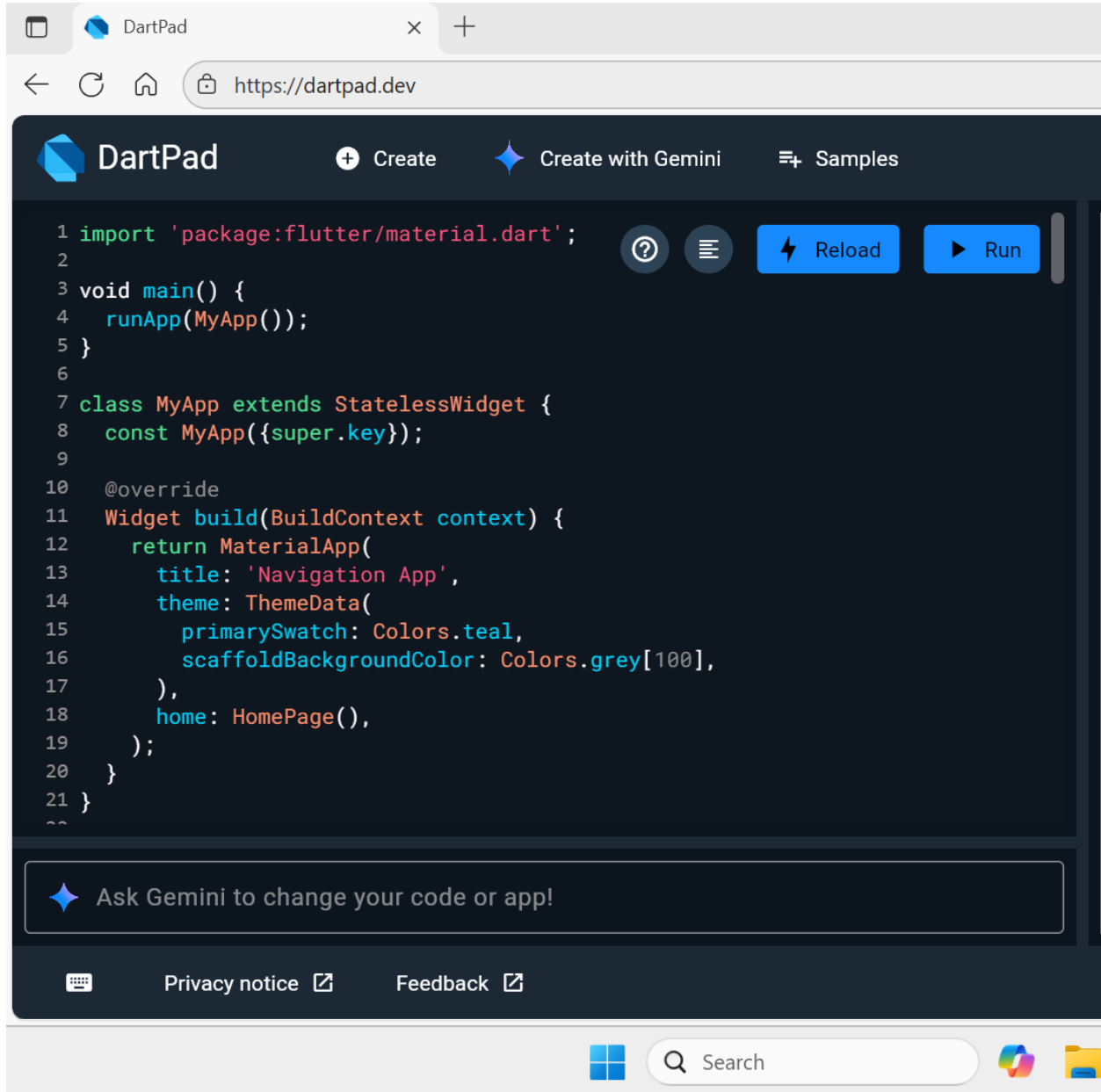


Interactive system design

Aya Elnaser Salah

4221028



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 Samples

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```
class HomePage extends StatelessWidget {  
  const HomePage({super.key});  
  
  @override  
  Widget build(BuildContext context) {  
    return Scaffold(  
      appBar: AppBar(  
        title: const Text('Home Page'),  
      ),  
      drawer: AppDrawer(),  
      body: Center(  
        child: Padding(  
          padding: const EdgeInsets.all(20.0),  
          child: Column(  
            mainAxisAlignment: MainAxisAlignment.center,  
            children: [  
              const Text(  
                'This is the Home Page',  
                style: TextStyle(fontSize: 22, fontWeight: FontWeight.bold),  
              ),  
              const SizedBox(height: 20),  
              Image.network(  
                'https://i.pinimg.com/736x/00/00/00/00000000000000000000000000000000.jpg',  
                fit: BoxFit.cover,  
              ),  
            ],  
          ),  
        ),  
      ),  
    );  
  }  
}
```

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```
43      const SizedBox(height: 20),
44      Image.network(
45        'https://flutter.github.io/assets-for-api-
docs/assets/widgets/owl.jpg',
46        height: 150,
47      ),
48      const SizedBox(height: 20),
49      ElevatedButton(
50        onPressed: () {
51          Navigator.push(
52            context,
53            MaterialPageRoute(builder: (context) => const
AboutPage()),
54          );
55        },
56        child: const Text('Go to About Page'),
57      ),
58    ],
59  ),
60 ),
61 ),
```


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 Samples

66

class AboutPage extends StatelessWidget {

67

const AboutPage({super.key});

68

69

@override

70

Widget build(BuildContext context) {

71

return Scaffold(

72

appBar: AppBar(

73

title: const Text('About Page'),

74

),

75

drawer: AppDrawer(),

76

body: Center(

77

child: Padding(

78

padding: const EdgeInsets.all(20.0),

79

child: Column(

80

mainAxisAlignment: MainAxisAlignment.center,

81

children: [

82

const Text(

83

'This is the About Page',

84

style: TextStyle(fontSize: 22, fontWeight: FontWeight.bold),

85

),

86

const SizedBox(height: 20),

87

ElevatedButton(

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onPressed: () {\n

Navigator.push(\n

context,\n

MaterialPageRoute(builder: (context) => const\n

ContactPage()),\n

);\n

},\n

child: const Text('Go to Contact Page'),\n

),\n

),\n

),\n

),\n

);\n

}\n

}\n

}\n

class ContactPage extends StatelessWidget {\n

const ContactPage({super.key});

\n

@override

-----

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 Samples

---

104 class ContactPage extends StatelessWidget {

105 const ContactPage({super.key});

106

107 @override

108 Widget build(BuildContext context) {

109 return Scaffold(

110 appBar: AppBar(

111 title: const Text('Contact Page'),

112 ),

113 drawer: AppDrawer(),

114 body: Center(

115 child: Padding(

116 padding: const EdgeInsets.all(20.0),

117 child: Column(

118 mainAxisAlignment: MainAxisAlignment.center,

119 children: const [

120 Text(

121 'This is the Contact Page',

122 style: TextStyle(fontSize: 22, fontWeight: FontWeight.bold),

123 ),

124 SizedBox(height: 20),

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 Samples

133

134 class AppDrawer extends StatelessWidget {

135 const AppDrawer({super.key});

136

137 @override

138 Widget build(BuildContext context) {

139 return Drawer(

140 child: ListView(

141 padding: EdgeInsets.zero,

142 children: [

143 const DrawerHeader(

144 decoration: BoxDecoration(color: Colors.teal),

145 child: Center(

146 child: Text(

147 'Navigation Menu',

148 style: TextStyle(

149 color: Colors.white,

150 fontSize: 22,

151 fontWeight: FontWeight.bold),

152 ),

153 ),

154 \

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181

MaterialPageRoute(builder: (context) => const HomePage()),

);

},

),

ListTile(

leading: const Icon(Icons.info),

title: const Text('About'),

onTap: () {

Navigator.pushReplacement(

context,

MaterialPageRoute(builder: (context) => const AboutPage()),

);

},

),

ListTile(

leading: const Icon(Icons.contact\_mail),

title: const Text('Contact'),

onTap: () {

Navigator.pushReplacement(

context,

MaterialPageRoute(builder: (context) => const

ContactPage()),

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```
162 );
163 };
164 ),
165 ListTile(
166   leading: const Icon(Icons.info),
167   title: const Text('About'),
168   onTap: () {
169     Navigator.pushReplacement(
170       context,
171       MaterialPageRoute(builder: (context) => const AboutPage()),
172     );
173   },
174 ),
175 ListTile(
176   leading: const Icon(Icons.contact_mail),
177   title: const Text('Contact'),
178   onTap: () {
179     Navigator.pushReplacement(
180       context,
181       MaterialPageRoute(builder: (context) => const
ContactPage()),
```

Home Page

This is the Home Page



Go to About Page

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```
162 );
163 };
164 ),
165 ListTile(
166   leading: const Icon(Icons.info),
167   title: const Text('About'),
168   onTap: () {
169     Navigator.pushReplacement(
170       context,
171       MaterialPageRoute(builder: (context) => const AboutPage()),
172     );
173   },
174 ),
175 ListTile(
176   leading: const Icon(Icons.contact_mail),
177   title: const Text('Contact'),
178   onTap: () {
179     Navigator.pushReplacement(
180       context,
181       MaterialPageRoute(builder: (context) => const
ContactPage()),
```

About Page

This is the About Page

Go to Contact Page

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