```
1  package com.example.vit_20bhi10045_blood_bank_app
2
3  import android.os.Bundle
4  import androidx.activity.ComponentActivity
5  import androidx.activity.compose.setContent
6  import androidx.compose.foundation.Image
7  import androidx.compose.foundation.background
8  import androidx.compose.foundation.layout.Arrangement
9  import androidx.compose.foundation.layout.Column
10 import androidx.compose.foundation.layout.Spacer
11 import androidx.compose.foundation.layout.fillMaxSize
12 import androidx.compose.foundation.layout.fillMaxWidth
13 import androidx.compose.foundation.layout.height
14 import androidx.compose.foundation.layout.padding
15 import androidx.compose.foundation.shape.RoundedCornerShape
16 import androidx.compose.material3.Button
17 import androidx.compose.material3.ButtonDefaults
18 import androidx.compose.material3.ExperimentalMaterial3Api
19 import androidx.compose.material3.OutlinedTextField
20 import androidx.compose.material3.Text
21 import androidx.compose.material3.TextFieldDefaults
22 import androidx.compose.runtime.Composable
23 import androidx.compose.runtime.getValue
24 import androidx.compose.runtime.mutableStateOf
25 import androidx.compose.runtime.remember
26 import androidx.compose.runtime.setValue
27 import androidx.compose.ui.Alignment
28 import androidx.compose.ui.ExperimentalComposeUiApi
29 import androidx.compose.ui.Modifier
30 import androidx.compose.ui.graphics.Color
31 import androidx.compose.ui.res.painterResource
32 import androidx.compose.ui.text.TextStyle
33 import androidx.compose.ui.unit.dp
34 import androidx.compose.ui.unit.sp
35 import androidx.compose.ui.window.Dialog
36 import androidx.compose.ui.window.DialogProperties
37
38 class MainActivity : ComponentActivity() {
39     override fun onCreate(savedInstanceState: Bundle?) {
40         super.onCreate(savedInstanceState)
41         setContent {
42             sign_in()
43         }
44     }
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45  }
46  @OptIn(ExperimentalMaterial3Api::class, ExperimentalComposeUiApi::class)
47  @Composable
48  fun sign_in()
49  {
50      var bloodtypes = listOf<String>("A+","A-","B+","B-","AB+","AB-","O+","O-")
51          var name by remember{
52          mutableStateOf("")
53      }
54      var age by remember {
55          mutableStateOf("")
56      }
57      var showDialog by remember{
58          mutableStateOf(false) }
59      var bloodType by remember { mutableStateOf("") }
60      Column(horizontalAlignment = Alignment.CenterHorizontally,
61          verticalArrangement = Arrangement.Center,
62          modifier = Modifier
63              .background(color = Color.Black)
64              .padding(all = 25.dp)
65              .fillMaxSize()) {
66          Image(painter = painterResource(id = R.drawable.img),
67              contentDescription = "", modifier = Modifier.padding(top = 30.dp))
68          Spacer(modifier = Modifier.height(20.dp))
69          OutlinedTextField(value = name, onValueChange = {name = it},
70              label = { Text("Name")},
71              colors = TextFieldDefaults.outlinedTextFieldColors(
72                  focusedBorderColor = Color(0xFFBB0A1E),
73                  focusedLabelColor = Color(0xFFBB0A1E),
74                  unfocusedBorderColor = Color.White
75              ),)
76          Spacer(modifier = Modifier.height(20.dp))
77          OutlinedTextField(value = age, onValueChange = {age = it},
78              label = {Text("Age")},
79              colors = TextFieldDefaults.outlinedTextFieldColors(
80                  focusedBorderColor = Color(0xFFBB0A1E),
81                  focusedLabelColor = Color(0xFFBB0A1E),
82                  unfocusedBorderColor = Color.White
83              ),)
84          Spacer(modifier = Modifier.height(20.dp))
85          OutlinedTextField(value = bloodType, onValueChange = {bloodType =
86              it},
87              label = {Text("BloodType")},
88              colors = TextFieldDefaults.outlinedTextFieldColors(
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89              focusedBorderColor = Color(0xFFBB0A1E),
90              focusedLabelColor = Color(0xFFBB0A1E),
91              unfocusedBorderColor = Color.White
92          ),)
93      Spacer(modifier = Modifier.height(20.dp))
94      Button(onClick = {
95          showDialog = true
96      },
97          colors = ButtonDefaults.buttonColors(
98              containerColor = Color(0xFFBB0A1E),
99              contentColor = Color.White
100         ),
101         shape = RoundedCornerShape(10.dp),
102         modifier = Modifier
103             .fillMaxWidth()
104             .padding(all = 30.dp)
105     ) {
106         Text("Next")
107     }
108     if (showDialog) {
109         Dialog(
110             onDismissRequest = { showDialog = false },
111             properties = DialogProperties(usePlatformDefaultWidth =
112             false),
113         ) {
114             Column(
115                 modifier = Modifier
116                     .padding(all = 16.dp)
117                     .background(Color.White)
118             ) {
119                 Text("Name: ${name}", style = TextStyle(
120                     fontSize = 20.sp,
121                 ), modifier = Modifier.padding(all = 20.dp)
122                 )
123                 Text("Age: ${age}",style = TextStyle(
124                     fontSize = 20.sp,
125                 ),modifier = Modifier.padding(all = 20.dp))
126                 Text("Blood Type: ${bloodType}",style = TextStyle(
127                     fontSize = 20.sp,
128                 ),modifier = Modifier.padding(all = 20.dp))
129                 Button(
130                     onClick = { showDialog = false },colors =
131                     ButtonDefaults.buttonColors(
132                         containerColor = Color(0xFFBB0A1E),
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133                 contentColor = Color.White
134              ),
135              shape = RoundedCornerShape(10.dp),
136              modifier = Modifier
137                .fillMaxWidth()
138                .padding(all = 20.dp)
139          ) {
140            Text("Close")
141          }
142        }
143      }
144    }
145  }
146 }
```