

# Assignment 2

20BCE7440

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```
package com.example.bloodbankapplication

import android.content.Intent
import android.graphics.Paint
import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.BorderStroke
import androidx.compose.foundation.Image
import androidx.compose.foundation.background
import androidx.compose.foundation.border
import androidx.compose.foundation.layout.*
import androidx.compose.foundation.shape.CircleShape
import androidx.compose.foundation.shape.RoundedCornerShape
import androidx.compose.foundation.text.KeyboardOptions
import androidx.compose.material.*
import androidx.compose.material.icons.Icons
import androidx.compose.material.icons.filled.AccountCircle
import androidx.compose.material.icons.filled.Info
import androidx.compose.material.icons.outlined.Check
import androidx.compose.material.icons.outlined.Email
import androidx.compose.material.icons.outlined.Notifications
import androidx.compose.material.icons.outlined.Warning
import androidx.compose.runtime.*
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.draw.clip
import androidx.compose.ui.draw.paint
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.graphics.Color.Companion.Gray
import androidx.compose.ui.graphics.Color.Companion.Green
import androidx.compose.ui.graphics.Color.Companion.Red
import androidx.compose.ui.graphics.Color.Companion.Yellow
import androidx.compose.ui.graphics.Shadow
import androidx.compose.ui.graphics.painter.Painter
import androidx.compose.ui.layout.ContentScale
import androidx.compose.ui.layout.HorizontalAlignmentLine
import androidx.compose.ui.layout.VerticalAlignmentLine
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.res.colorResource
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.TextStyle
import androidx.compose.ui.text.font.FontFamily
import androidx.compose.ui.text.font.FontStyle
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.text.input.KeyboardCapitalization
import androidx.compose.ui.text.input.KeyboardType
import androidx.compose.ui.text.input.TextFieldValue
import androidx.compose.ui.text.style.TextAlign
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.TextUnit
import androidx.compose.ui.unit.dp
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import androidx.compose.ui.unit.Dp
import androidx.compose.ui.unit.sp
import com.example.bloodbankapplication.ui.theme.BloodBankApplicationTheme

class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            Column(modifier = Modifier
                .fillMaxSize()
                .paint(
                    painter = painterResource(id = R.drawable.img),
                    contentScale = ContentScale.Fit
                ),
                verticalArrangement = Arrangement.Center,
                horizontalAlignment = Alignment.CenterHorizontally) {

                Box(modifier = Modifier.padding(40.dp)) {
                    Column() {
                        Image(painter = painterResource(id =
R.drawable.blood),

                            contentDescription = "Blood Logo",
                            modifier = Modifier
                                .width(80.dp)
                                .height(80.dp),
                            alignment = Alignment.Center)

                        Text(text = "UrBLOOD", fontSize = 30.sp, style =
TextStyle(color = Color.Black,
                            fontWeight = FontWeight.Black,
                            fontFamily = FontFamily.Monospace,
                            background = Color.White,
                            shadow = Shadow(color = Color.Gray),
                            textAlign = TextAlign.Center))

                        Text(text = "Be A Donar", fontSize = 20.sp, style =
TextStyle(color = Color.Black,
                            fontWeight = FontWeight.Black,
                            fontFamily = FontFamily.Monospace,
                            background = Color.White,
                            shadow = Shadow(color = Color.Gray),
                            textAlign = TextAlign.Center))
                    }
                }

                Box() {
                    TextField1()
                }
                Box() {
                    TextField2()
                }

                Row(modifier = Modifier.padding(20.dp)) {
                    Column() {
                        ButtonSignUp()
                    }
                    Column() {
                        ButtonSignIn()
                    }
                }
            }
        }
    }
}

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    }

    Text(text = "or SignIn with...", fontSize = 15.sp, style =
TextStyle(color = Color.Black,
    fontWeight = FontWeight.Black,
    fontFamily = FontFamily.SansSerif,
    background = Color.White,
    shadow = Shadow(color = Color.Gray),
    textAlign = TextAlign.Center))
    Row(modifier = Modifier.padding(10.dp)) {
        Column() {
            CircleImageView(painter = painterResource(id =
R.mipmap.google))
        }
        Column() {
            CircleImageView(painter = painterResource(id =
R.mipmap.facebook))
        }
    }
}

}

}

}

@Composable
fun TextField1() {
    Column(horizontalAlignment = Alignment.CenterHorizontally) {
        var textInput by remember { mutableStateOf("") }
        OutlinedTextField(value = textInput, onValueChange = {textInput =
it},
            label = { Text("Email") },
            keyboardOptions = KeyboardOptions(keyboardType =
KeyboardType.Email),
            leadingIcon = { Icon(Icons.Outlined.Email, contentDescription =
null) },
            colors = TextFieldDefaults.outlinedTextFieldColors(
                focusedBorderColor = Red,
                unfocusedBorderColor = Gray ,
                focusedLabelColor = Red,
                unfocusedLabelColor = Gray,
                leadingIconColor = Red)
        )
    }
}

@Composable
fun TextField2() {
    Column(horizontalAlignment = Alignment.CenterHorizontally) {
        var textInput2 by remember { mutableStateOf("") }
        OutlinedTextField(value = textInput2, onValueChange = {textInput2 =
it},
            label = { Text("Password") },
            keyboardOptions = KeyboardOptions(keyboardType =
KeyboardType.Password),
            leadingIcon = { Icon(Icons.Outlined.Warning, contentDescription
= null) },
            colors = TextFieldDefaults.outlinedTextFieldColors(
                focusedBorderColor = Red,
                unfocusedBorderColor = Gray,
                focusedLabelColor = Red,
                unfocusedLabelColor = Gray,

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        leadingIconColor = Red)
    )
}

@Composable
fun ButtonSignIn() {
    val mContext = LocalContext.current
    Button(
        onClick = {
            mContext.startActivity(Intent(mContext, Homepage::class.java))
        },
        colors = ButtonDefaults.buttonColors(background-color = Color.Red),
        shape = RoundedCornerShape(20.dp),
        modifier = Modifier
            .padding(5.dp)
            .width(150.dp)
            .height(40.dp)
    ) {
        Text(text = "Sign In", color = Color.White)
    }
}

@Composable
fun ButtonSignUp() {
    Button(
        onClick = {
            //your onclick code
        },
        border = BorderStroke(1.dp, Red),
        colors = ButtonDefaults.outlinedButtonColors(contentColor =
Color.Red),
        shape = RoundedCornerShape(20.dp),
        modifier = Modifier
            .padding(5.dp)
            .width(150.dp)
            .height(40.dp)
    ) {
        Text(text = "Sign Up", color = Color.Red)
    }
}

@Composable
fun CircleImageView(painter: Painter) {
    Image(
        painter = painter,
        contentDescription = "Circle Image",
        contentScale = ContentScale.Crop,
        modifier = Modifier
            .size(60.dp)
            .clip(CircleShape)
            .padding(10.dp) // clip to the circle shape
    )
}

@Preview(showBackground = true)
@Composable
fun DefaultPreview() {
    Textfield1()
}

```



## UrBLOOD



When a disaster strikes, blood is needed immediately, there is no time to wait for donations. Donate today, to prepare for tomorrow. Find where you can donate blood through the Armed Services Blood Program. One donation can save up to three lives.



FDA issues new rules, makes it easier for gay, bisexual men to donate blood



Nowadays, a large number of people are suffering from diabetes. Due to our lifestyle and stress, the sugar levels in the blood increase. But can a diabetic patient donate blood? Well, let's find out. According to the Healthline report, a diabetic patient can also donate blood.



Donate Ur Blood



## Schedule Ur Donation



Name



Age



Mobile Number



Male



Female

Date of Birth

Date of Donation

Time of Donation



Blood Group



Health Description

Schedule



# UrBLOOD

Be A Donar

Email



|



Password

Sign Up

Sign In

or SignIn with...

