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20BCI0060

VIT Vellore

Assignment 2

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```kotlin
package com.example.bloodbank
import android.content.Intent
import androidx.compose.foundation.Image
import androidx.compose.foundation.border
import androidx.compose.foundation.layout.Arrangement
import androidx.compose.foundation.layout.Column
import androidx.compose.foundation.layout.Row
import androidx.compose.foundation.layout.Spacer
import androidx.compose.foundation.layout.fillMaxSize
import androidx.compose.foundation.layout.fillMaxWidth
import androidx.compose.foundation.layout.height
import androidx.compose.foundation.layout.padding
import androidx.compose.foundation.layout.size
import androidx.compose.foundation.shape.RoundedCornerShape
import androidx.compose.material3.Button
import androidx.compose.material3.ExperimentalMaterial3Api
import androidx.compose.material3.Text
import androidx.compose.material3.TextField
import androidx.compose.runtime.Composable
import androidx.compose.runtime.mutableStateOf
import androidx.compose.runtime.remember
import androidx.compose.runtime.getValue
import androidx.compose.runtime.setValue
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.graphics.SolidColor
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.font.FontFamily
import androidx.compose.ui.text.style.TextAlign
import androidx.compose.ui.unit.Dp
import androidx.compose.ui.unit.dp
import androidx.core.content.ContextCompat.startActivity
import androidx.navigation.NavController

@OptIn(ExperimentalMaterial3Api::class)
@Composable
fun AScreen(navController: NavController) {

    var email by remember {
        mutableStateOf("")
    }
```

```kotlin
    var password by remember {
        mutableStateOf("")
    }

    Column(modifier = Modifier.fillMaxSize()

        , verticalArrangement = Arrangement.Center
        , horizontalAlignment = Alignment.CenterHorizontally) {

        Text(text = "20BCI0095", fontFamily = FontFamily.Cursive)
        Image(
            painter = painterResource(id = R.drawable.img),
            contentDescription = "Google",
            modifier = Modifier
                .fillMaxWidth()
                .padding(Dp(50f))
                .size(100.dp),


        )
        Text(text = "Email", textAlign = TextAlign.Start,modifier =
Modifier.padding(start = 1.dp))
        TextField(
            value=email,
            onValueChange = {email=it},
            modifier = Modifier
                .fillMaxWidth()
                .padding(10.dp)
                .border(
                    2.dp, SolidColor(Color.Gray),
                    RoundedCornerShape(20.dp)
                )
                .padding(10.dp),
            label = { Text(text = "Email") },
            placeholder = { Text(text = "Enter your Email") },
            singleLine = true
        )
        Text(text = "Password", modifier = Modifier.padding(start = 5.dp))
        TextField(value = password, onValueChange ={password=it},
            modifier = Modifier
                .fillMaxWidth()
                .padding(10.dp)
                .border(2.dp, SolidColor(Color.Gray),
RoundedCornerShape(20.dp))
                .padding(10.dp),
            label = { Text(text = "Password") },
            placeholder = { Text(text = "Enter your Password") },
        )
        Spacer(modifier = Modifier.height(10.dp))
        Row(
            modifier =Modifier.fillMaxWidth(),
            horizontalArrangement = Arrangement.Center
        ) {
            Button(
                modifier = Modifier,
                onClick = { }
            ) {
```

```
                Text("Sign up")
            }

            Button(
                modifier = Modifier.padding(start = 10.dp),
                onClick = {navController.navigate("Bloodbank2")
                }
            ) {
                Text("Login")
            }
        }
    }

}

fun startActivity(navigate: Intent) {
    TODO("Not yet implemented")
}
```

Page2

```
package com.example.bloodbank

import androidx.compose.animation.VectorConverter
import androidx.compose.foundation.Image
import androidx.compose.foundation.border
import androidx.compose.foundation.layout.Arrangement
import androidx.compose.foundation.layout.Column
import androidx.compose.foundation.layout.Row
import androidx.compose.foundation.layout.Spacer
import androidx.compose.foundation.layout.fillMaxSize
import androidx.compose.foundation.layout.fillMaxWidth
import androidx.compose.foundation.layout.height
import androidx.compose.foundation.layout.padding
import androidx.compose.foundation.layout.size
import androidx.compose.foundation.layout.width
import androidx.compose.foundation.shape.RoundedCornerShape
import androidx.compose.material3.Button
import androidx.compose.material3.ExperimentalMaterial3Api
import androidx.compose.material3.Text
import androidx.compose.material3.TextField
import androidx.compose.runtime.Composable
import androidx.compose.runtime.getValue
import androidx.compose.runtime.mutableStateOf
import androidx.compose.runtime.remember
import androidx.compose.runtime.setValue
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.graphics.SolidColor
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.font.FontFamily
import androidx.compose.ui.text.style.TextAlign
import androidx.compose.ui.unit.Dp
```

```kotlin
import androidx.compose.ui.unit.dp
import androidx.navigation.NavHostController

@OptIn(ExperimentalMaterial3Api::class)
@Composable
fun BScreen(navController: NavHostController) {
    var Name by remember {
        mutableStateOf("")
    }
    var Bloodgroup by remember {
        mutableStateOf("")
    }

    Column(
        modifier = Modifier.fillMaxSize(),
        verticalArrangement = Arrangement.Center,
        horizontalAlignment = Alignment.CenterHorizontally
    ) {
        Image(
            painter = painterResource(id = R.drawable.img_1),
            contentDescription = "Google",
            modifier = Modifier
                .fillMaxWidth()
                .padding(Dp(50f))
                .size(100.dp),


        )


        Text(
            text = "Blood is indeed thicker than water, and we, your blood
bank family, thank you from the bottom of our beating hearts for your
selfless gift. It will go a long way as you have given someone a lifeline,
just at the right time.",
            color = Color.Magenta,
            textAlign = TextAlign.Center,
            modifier = Modifier
                .fillMaxWidth()
                .padding(10.dp)
        )
        TextField(
            value = Name,
            onValueChange = { Name = it },
            modifier = Modifier
                .fillMaxWidth()
                .padding(10.dp)
                .border(
                    2.dp, SolidColor(Color.Gray),
                    RoundedCornerShape(20.dp)
                )
                .padding(10.dp),
            label = { Text(text = "Name") },
            placeholder = { Text(text = "Enter your name") },
            singleLine = true
        )
```

```kotlin
        TextField(
            value = Bloodgroup, onValueChange = { Bloodgroup = it },
            modifier = Modifier
                .fillMaxWidth()
                .padding(10.dp)
                .border(2.dp, SolidColor(Color.Gray),
RoundedCornerShape(20.dp))
                .padding(10.dp),
            label = { Text(text = "Bloodgroup") },
            placeholder = { Text(text = "Enter your Bloodgroup") },
        )
        Row(
            modifier = Modifier.fillMaxWidth(),
            horizontalArrangement = Arrangement.Center
        ) {
            Button(
                modifier = Modifier,
                onClick = { }
            ) {
                Text("Submit")
            }
            Spacer(modifier = Modifier.height(10.dp))
        }
    }
}
}
```