

## Assignment 1 - Sign Up Page

MainActivity.kt

```
package com.example.signup_page_mockup

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.layout.*
import androidx.compose.material.*
import androidx.compose.runtime.*
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.input.PasswordVisualTransformation
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp
import com.example.signup_page_mockup.ui.theme.Shapes
import com.example.signup_page_mockup.ui.theme.SignUp_page_mockupTheme

class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
```

```

        SignUp_page_mockupTheme {
            // A surface container using the 'background' color from the theme
            GoogleLoginPage();
        }
    }
}

@OptIn(ExperimentalMaterialApi::class)
@Composable

@Preview(showSystemUi = true)
private fun googlebuttonPreview(){
    GoogleLoginPage();
}

@Composable
fun GoogleLoginPage() {
    val context = LocalContext.current

    //val signInResult = remember { mutableStateOf<Task<GoogleSignInAccount>?>(null) }

    Column(
        modifier = Modifier.fillMaxSize(),
        horizontalAlignment = Alignment.CenterHorizontally,
        verticalArrangement = Arrangement.Center
    ) {
        Row(
            verticalAlignment = Alignment.CenterVertically,
            horizontalArrangement = Arrangement.Center
        ) {
            Image(painter = painterResource(id = R.drawable.google_icon),

```

```
        contentDescription = "",
        modifier=Modifier.padding(0.dp,0.dp,3.dp,12.dp))
    Text(
        text = "Sign in with Google",
        style = MaterialTheme.typography.h5,
        modifier = Modifier.padding(bottom = 16.dp)
    )
}
```

```
OutlinedTextField(
    value = "",
    onChange = { },
    label = { Text(text = "Username") },
    modifier = Modifier
        .fillMaxWidth()
        .padding(bottom = 16.dp)
)
```

```
OutlinedTextField(
    value = "",
    onChange = { },
    label = { Text(text = "Password") },
    visualTransformation = PasswordVisualTransformation(),
    modifier = Modifier
        .fillMaxWidth()
        .padding(bottom = 16.dp)
)
```

```
Button(
    onClick = { },
```

```
        modifier = Modifier.fillMaxWidth()
    ){
        Icon(painter = painterResource(id = R.drawable.google_icon), contentDescription = "",
            tint=Color.Unspecified)
        Spacer(modifier = Modifier.padding(4.dp))
        Text(text = "Sign in with Google")
    }
}
}
```