

Assignment 1

20BCE7440

T Lalith Krishna Teja

```
package com.example.instagramui
```

```
import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.layout.Box
import androidx.compose.foundation.layout.fillMaxSize
import androidx.compose.material.*
import androidx.compose.material.icons.Icons
import androidx.compose.material.icons.filled.AddBox
import androidx.compose.material.icons.filled.Favorite
import androidx.compose.material.icons.filled.Home
import androidx.compose.material.icons.filled.Person
import androidx.compose.material.icons.filled.Search
import androidx.compose.runtime.Composable
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
```

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

```

        super.onCreate(savedInstanceState)

        setContent {
            InstagramUI()
        }
    }
}

```

@Composable

```

fun InstagramUI() {
    Scaffold(
        topBar = {
            TopAppBar(
                title = { Text(text = "Instagram") },
                backgroundColor = Color.White,
                elevation = 4.dp
            )
        },
        bottomBar = {
            BottomNavigation(
                backgroundColor = Color.White,
                elevation = 4.dp
            ) {
                BottomNavigationItem(
                    selected = true,
                    onClick = { },
                    icon = { Icon(Icons.Filled.Home, contentDescription = "Home") },
                    label = { Text(text = "Home") }
                )
                BottomNavigationItem(
                    selected = false,
                    onClick = { },

```

```

        icon = { Icon(Icons.Filled.Search, contentDescription = "Search") },
        label = { Text(text = "Search") }
    )
    BottomNavigationBarItem(
        selected = false,
        onClick = { },
        icon = { Icon(Icons.Filled.AddBox, contentDescription = "Add") },
        label = { Text(text = "Add") }
    )
    BottomNavigationBarItem(
        selected = false,
        onClick = { },
        icon = { Icon(Icons.Filled.Favorite, contentDescription = "Favorite") },
        label = { Text(text = "Favorite") }
    )
    BottomNavigationBarItem(
        selected = false,
        onClick = { },
        icon = { Icon(Icons.Filled.Person, contentDescription = "Profile") },
        label = { Text(text = "Profile") }
    )
}
},
content = {
    Box(modifier = Modifier.fillMaxSize(), contentAlignment = Alignment.Center) {
        Text(text = "Instagram UI", fontSize = 20.sp, fontWeight = FontWeight.Bold)
    }
}
)
}

```

```
@Preview(showBackground = true)
```

```
@Composable
```

```
fun DefaultPreview() {
```

```
    InstagramUI()
```

```
}
```



4:34



Username

Password

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