

### ASSIGNMENT-3

#### CODE:

```
package com.example.assignment3

import android.content.ActivityNotFoundException
import android.content.Intent
import android.media.Image
import android.net.Uri
import android.os.Bundle
import android.widget.Toast
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.Image
import androidx.compose.foundation.clickable
import androidx.compose.foundation.layout.Arrangement
import androidx.compose.foundation.layout.Box
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.text.KeyboardActions
import androidx.compose.foundation.text.KeyboardOptions
import androidx.compose.material3.Button
import androidx.compose.material3.ButtonColors
import androidx.compose.material3.ButtonDefaults
import androidx.compose.material3.ExperimentalMaterial3Api
import androidx.compose.material3.MaterialTheme
import androidx.compose.material3.OutlinedTextField
import androidx.compose.material3.RadioButton
import androidx.compose.material3.Text
```

```
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.Shape
import androidx.compose.ui.layout.ContentScale
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.semantics.Role.Companion.Image

import androidx.compose.ui.text.TextStyle
import androidx.compose.ui.text.font.FontStyle
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.text.input.ImeAction
import androidx.compose.ui.text.input.KeyboardType
import androidx.compose.ui.text.style.TextAlign
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 {
            LoginScreen1()
        }
    }
}
```

```

@OptIn(ExperimentalMaterial3Api::class)
@Composable
fun LoginScreen1() {
    var username by remember { mutableStateOf( value: "" ) }
    var password by remember { mutableStateOf( value: "" ) }
    var selectedWebsite by remember { mutableStateOf( value: "" ) }
    val context = LocalContext.current
    val backgroundImage = painterResource(id = R.drawable.background3)
    Box(
        modifier = Modifier.fillMaxSize()
    ) { this: BoxScope
        // Background image
        Image(
            painter = backgroundImage,
            contentDescription = null,
            modifier = Modifier.fillMaxSize(),
            contentScale = ContentScale.Crop
        )
        Column(
            modifier = Modifier
                .fillMaxSize()
                .padding(16.dp),
            verticalArrangement = Arrangement.Center,
            horizontalAlignment = Alignment.CenterHorizontally
        ) { this: ColumnScope
            Text(
                text = "Sign In ",
                style = MaterialTheme.typography.headlineLarge.copy(),
                fontWeight = FontWeight.Bold,
                color = Color( color: 0xFF000080)
            )
            OutlinedTextField(
                value = username,

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        onValueChange = { it -> username = it },
        label = { Text(text = "User Name") },
        modifier = Modifier
            .fillMaxWidth()
    )
    Spacer(modifier = Modifier.height(16.dp))

    OutlinedTextField(
        value = password,
        onValueChange = { password = it },
        label = { Text(text = "Password") },
        keyboardOptions = KeyboardOptions(
            keyboardType = KeyboardType.Password,
            imeAction = ImeAction.Done
        ),
        keyboardActions = KeyboardActions(
            onDone = { this: KeyboardActionScope
            }
        ),
        modifier = Modifier.fillMaxWidth()
    )
    Spacer(modifier = Modifier.height(16.dp))

    Column { this: ColumnScope
        Row(
            verticalAlignment = Alignment.CenterVertically,
            modifier = Modifier.clickable {
                selectedWebsite = "Amazon"
            }
        ) { this: RowScope

```

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        RadioButton(
            selected = selectedWebsite == "Amazon",
            onClick = { selectedWebsite = "Amazon" },
            modifier = Modifier.padding(4.dp)
        )
        Image(
            painter = painterResource(id = R.drawable.amazon),
            contentDescription = "Sign In to Amazon",
            modifier = Modifier
                .size(70.dp)
                .padding(7.dp)
        )
        Text(
            text = "Amazon",
            fontSize = 25.sp,
            color = Color( color: 0xFF000080),
            fontStyle = FontStyle.Italic,
        )
    }

    Row(
        verticalAlignment = Alignment.CenterVertically,
        modifier = Modifier.clickable {
            selectedWebsite = "Myntra"
        }
    ) { this: RowScope
        RadioButton(
            selected = selectedWebsite == "Myntra",
            onClick = { selectedWebsite = "Myntra" },
            modifier = Modifier.padding(4.dp)
        )
        Image(
            painter = painterResource(id = R.drawable.myntra),

```

```

        contentDescription = "Sign In to Myntra",
        modifier = Modifier
            .size(70.dp)
            .padding(7.dp)
    )
    Text(
        text = "Myntra",
        fontSize = 25.sp,
        color = Color( color: 0xFF000080),
        fontStyle = FontStyle.Italic,)
}
Row(
    verticalAlignment = Alignment.CenterVertically,
    modifier = Modifier.clickable {
        selectedWebsite = "Myntra"
    }
) { this: RowScope
    RadioButton(
        selected = selectedWebsite == "Flipkart",
        onClick = { selectedWebsite = "Flipkart" },
        modifier = Modifier.padding(4.dp)
    )
    Image(
        painter = painterResource(id = R.drawable.flipkart),
        contentDescription = "Sign In to Flipkart",
        modifier = Modifier
            .size(70.dp)
            .padding(7.dp)
    )
    Text(
        text = "Flipkart",
        fontSize = 25.sp,
        color = Color( color: 0xFF000080),

```

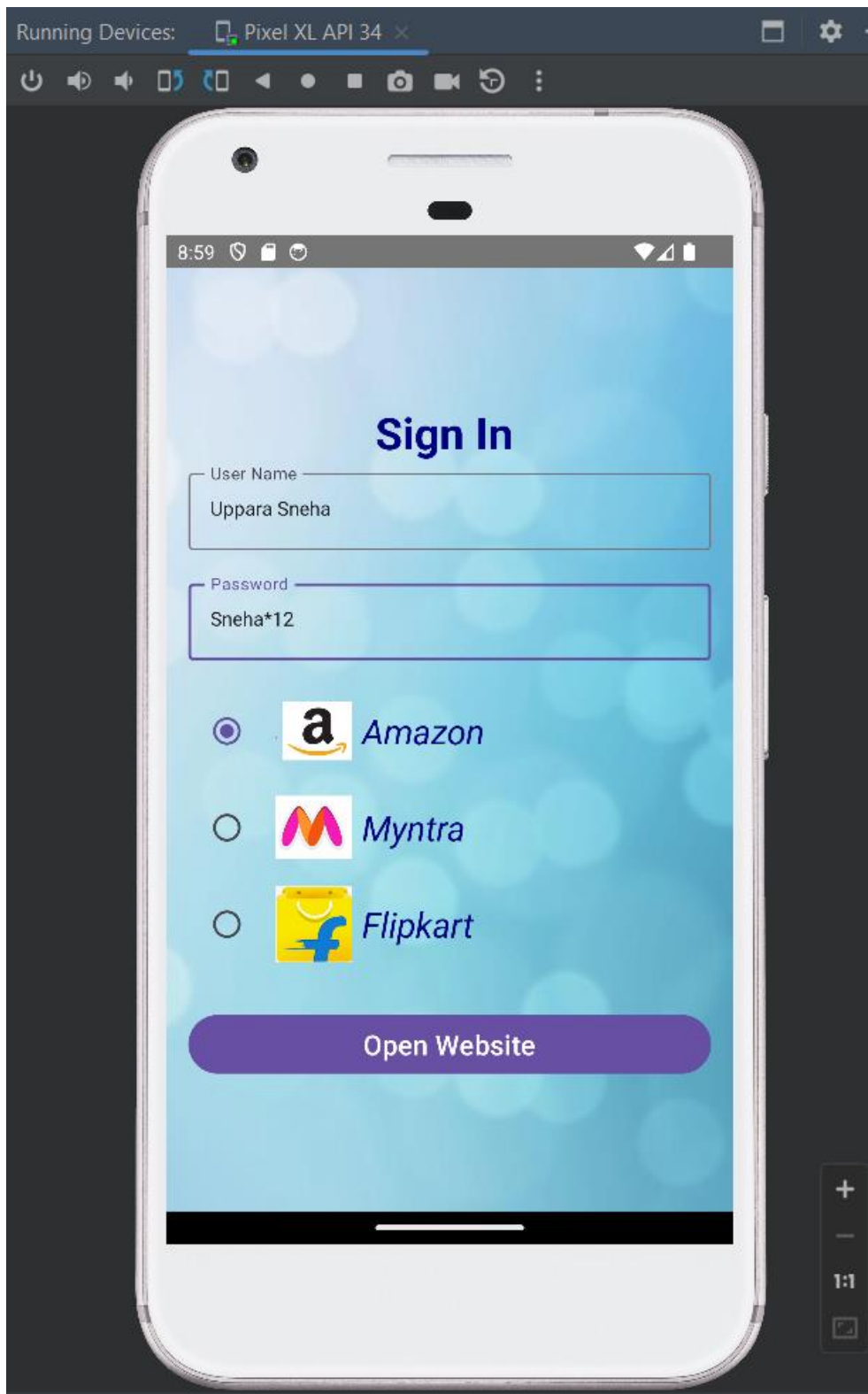
```
        fontStyle = FontStyle.Italic,)
    }

    Spacer(modifier = Modifier.height(28.dp))

    // Button to redirect to the selected website
    Button(
        onClick = {
            val websiteUrl = when (selectedWebsite) {
                "Amazon" -> "https://www.amazon.com"
                "Myntra" -> "https://www.myntra.com"
                "Flipkart" -> "https://www.flipkart.com"
                else -> ""
            }
            if (websiteUrl.isNotEmpty()) {
                context.startActivity(Intent(Intent.ACTION_VIEW, Uri.parse(websiteUrl)))
            }
        },
        modifier = Modifier.fillMaxWidth()
    ) { this: RowScope
        Text(text = "Open Website",
            fontSize = 20.sp)
    }
}

}
```

## OUTPUT SCREENSHOT:



AFTER CLICKING THE BUTTON ,IT WILL REDIRECT TO THE SELECTED WEBSITE



**DRIVE LINK:**

<https://drive.google.com/file/d/1CFnCWM8LCQ8miO1xmdS3gsXUjeYQdqGt/view?usp=sharing>

**GITHUB LINK:**

**ALL FILES ARE UPLOADED HERE**

<https://github.com/sneha-1003/Assignment3>