

A MATERIAL DESIGN STUDY

APP

DESCRIPTION

- » Unlock your learning potential with Material Study, an innovative educational app designed with Google's Material Design principles. Our app provides a seamless user experience, combining visually appealing interfaces with intuitive navigation.
Features include:
 - Interactive Study Guides:** Dive into comprehensive study materials that are easy to read and visually engaging, enhancing retention.
 - Customizable Study Plans:** Adapt your learning schedule with personalized plans, allowing you to set and track your goals effectively.
 - Progress Tracking:** Monitor your advancement with dashboards that visualize your achievements and areas for improvement.
 - Collaborative Learning:** Join study groups, share resources, and connect with peers to foster a dynamic learning community.
 - Engaging Quizzes and Flashcards:** Test your knowledge and reinforce learning with interactive quizzes and flashcards designed with smart algorithms.
- »

Color.kt

```
package com.example.owlapplication.ui.theme
import androidx.compose.ui.graphics.Color
val Purple200 = Color(0xFFBB86FC)
val Purple500 = Color(0xFF6200EE)
val Purple700 = Color(0xFF3700B3)
val Teal200 = Color(0xFF03DAC5)
```

Shape.kt

```
package com.example.owlapplication.ui.theme
import androidx.compose.foundation.shape.RoundedCornerShape
import androidx.compose.material.Shapes
import androidx.compose.ui.unit.dp

val Shapes = Shapes(
    small = RoundedCornerShape(4.dp),
    medium = RoundedCornerShape(4.dp),
    large = RoundedCornerShape(0.dp)
)
```

Theme.kt

```
package com.example.owlapplication.ui.theme

import androidx.compose.foundation.isSystemInDarkTheme
import androidx.compose.material.MaterialTheme
import androidx.compose.material.darkColors
import androidx.compose.material.lightColors
import androidx.compose.runtime.Composable

private val DarkColorPalette = darkColors(
    primary = Purple200,
    primaryVariant = Purple700,
    secondary = Teal200
)

private val LightColorPalette = lightColors(
    primary = Purple500,
    primaryVariant = Purple700,
    secondary = Teal200
)
```

```
)  
  
@Composable  
fun OwlApplicationTheme(  
    darkTheme: Boolean = isSystemInDarkTheme(),  
    content: @Composable () -> Unit  
) {  
    val colors = if (darkTheme) {  
        DarkColorPalette  
    } else {  
        LightColorPalette  
    }
```

MainActivity.kt

```
package com.example.owlapplication

import android.content.Context
import android.content.Intent
import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.Image
import androidx.compose.foundation.clickable
import androidx.compose.foundation.layout.*
import androidx.compose.foundation.rememberScrollState
import androidx.compose.foundation.verticalScroll
import androidx.compose.material.Card
import androidx.compose.material.Text
import androidx.compose.runtime.Composable
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.draw.scale
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.res.stringResource
import androidx.compose.ui.text.font.FontWeight
```

```
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.res.stringResource
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.text.style.TextAlign
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp

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

@Composable
fun StudyApp(context: Context) {
```

```
Column(  
    modifier = Modifier  
        .padding(20.dp)  
        .verticalScroll(rememberScrollState())  
) {  
  
    Text(text = "Study Material",  
        fontSize = 36.sp,  
        fontWeight = FontWeight.Bold,  
        color = Color(0xFFFFA500),  
        modifier = Modifier.align(Alignment.CenterHorizontally))  
  
    Spacer(modifier = Modifier.height(20.dp))  
  
    // 01  
    Card(  
        modifier = Modifier
```

```
.fillMaxWidth()
    .height(250.dp)
    .clickable {
        context.startActivity(
            Intent(context, MainActivity2::class.java)

        )
    },
    elevation = 8.dp
)
{
    Column(
        horizontalAlignment = Alignment.CenterHorizontally
) {
    Image(
        painterResource(id = R.drawable.img_1), contentDescription = "",
        modifier = Modifier
            .height(150.dp)
            .scale(scaleX = 1.2F, scaleY = 1F)
    )
}
```

```
Text(text = stringResource(id = R.string.course1),color = Color(0xFFFFA500),  
    fontSize = 16.sp)
```

```
    Text(  
        text = stringResource(id = R.string.topic1),  
        fontWeight = FontWeight.Bold,  
        fontSize = 20.sp,  
        textAlign = TextAlign.Center,  
    )  
}
```

```
Spacer(modifier = Modifier.height(20.dp))
```

```
// 02  
Card(  
    modifier = Modifier  
        .fillMaxWidth()  
        .height(250.dp)  
        .clickable {
```

```
context.startActivity(  
    Intent(context, MainActivity3::class.java)  
  
    )  
,  
elevation = 8.dp  
)  
{  
    Column(  
        horizontalAlignment = Alignment.CenterHorizontally  
) {  
        Image(  
            painterResource(id = R.drawable.img_2), contentDescription = "",  
            modifier = Modifier  
                .height(150.dp)  
                .scale(scaleX = 1.4F, scaleY = 1F)  
        )  
        Text(text = stringResource(id = R.string.course2), color = Color(0xFFFFA500),  
            fontSize = 16.sp)  
    }  
}
```

```
Text(  
    text = stringResource(id = R.string.topic2),  
    fontWeight = FontWeight.Bold,  
    fontSize = 20.sp,  
    textAlign = TextAlign.Center,  
)  
}  
}  
  
Spacer(modifier = Modifier.height(20.dp))  
  
// 03  
Card(  
    modifier = Modifier  
        .fillMaxWidth()  
        .height(250.dp)  
        .clickable {  
            context.startActivity(  
                Intent(context, MainActivity4::class.java  
)  
        }  
)
```

```
},  
        elevation = 8.dp  
    )  
    {  
        Column(  
            horizontalAlignment = Alignment.CenterHorizontally  
        ) {  
            Image(  
                painterResource(id = R.drawable.img_3), contentDescription = "",  
                modifier = Modifier  
                    .height(150.dp)  
                    .scale(scaleX = 1.2F, scaleY = 1F)  
            )  
            Text(text = stringResource(id = R.string.course3),color = Color(0xFFFFA500),  
                fontSize = 16.sp)  
  
            Text(  
                text = stringResource(id = R.string.topic3),  
                fontWeight = FontWeight.Bold,  
            )  
        }  
    }  
}
```

```
fontSize = 20.sp,  
        textAlign = TextAlign.Center,  
    )  
}  
}  
}
```

```
Spacer(modifier = Modifier.height(20.dp))
```

```
// 04  
Card(  
    modifier = Modifier  
        .fillMaxWidth()  
        .height(250.dp)  
        .clickable {  
            context.startActivity(  
                Intent(context, MainActivity5::class.java)  
            )  
        },
```

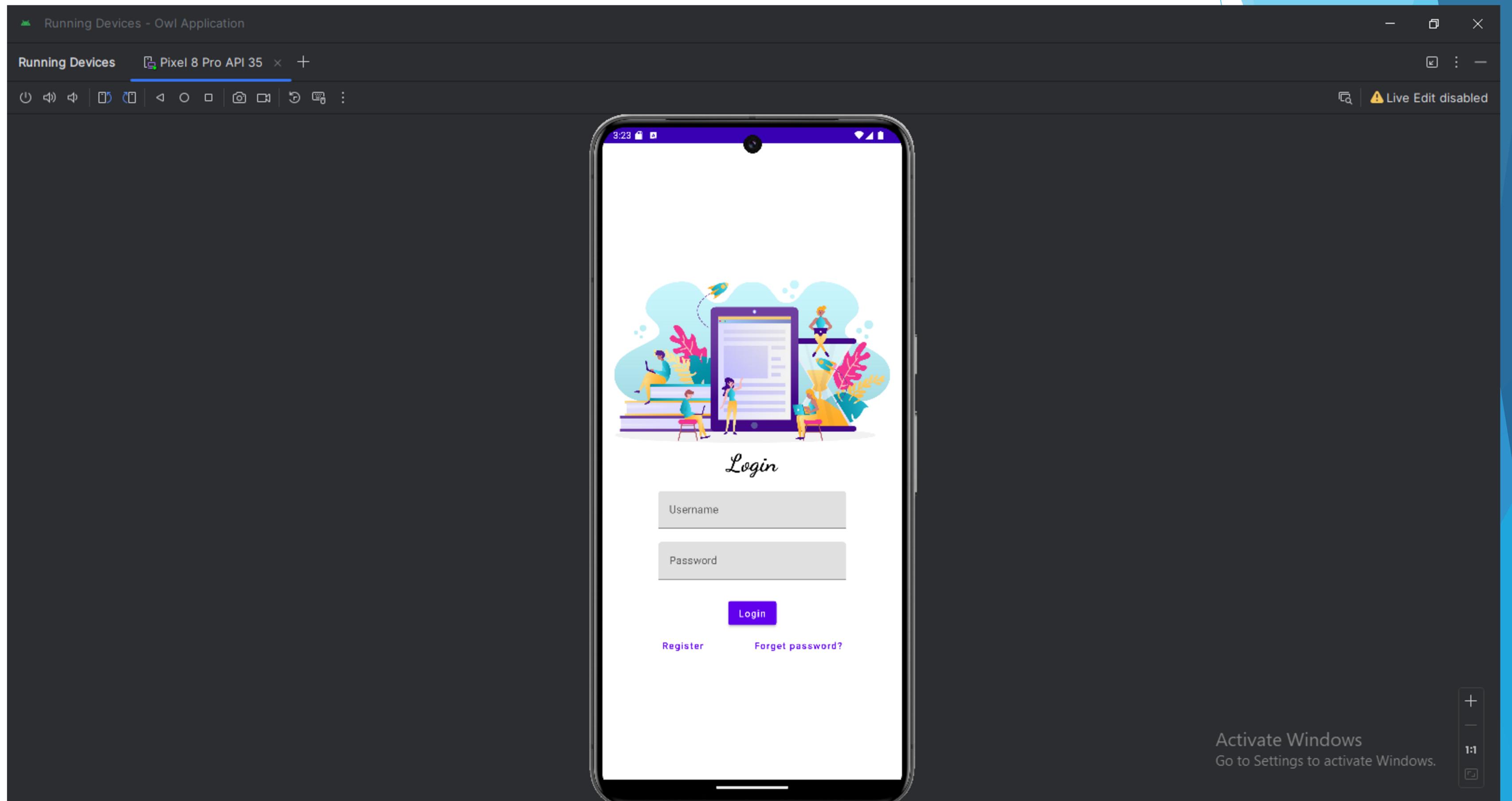
```
        )
    },
elevation = 8.dp
)
{
    Column(
        horizontalAlignment = Alignment.CenterHorizontally
    ) {
        Image(
            painterResource(id = R.drawable.img_4), contentDescription = "",
            modifier = Modifier
                .height(150.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
        )
        Text(text = stringResource(id = R.string.course4),color = Color(0xFFFFA500),
            fontSize = 16.sp)

        Text(
            text = stringResource(id = R.string.topic4),
            fontWeight = FontWeight.Bold,
            fontSize = 20.sp,
```

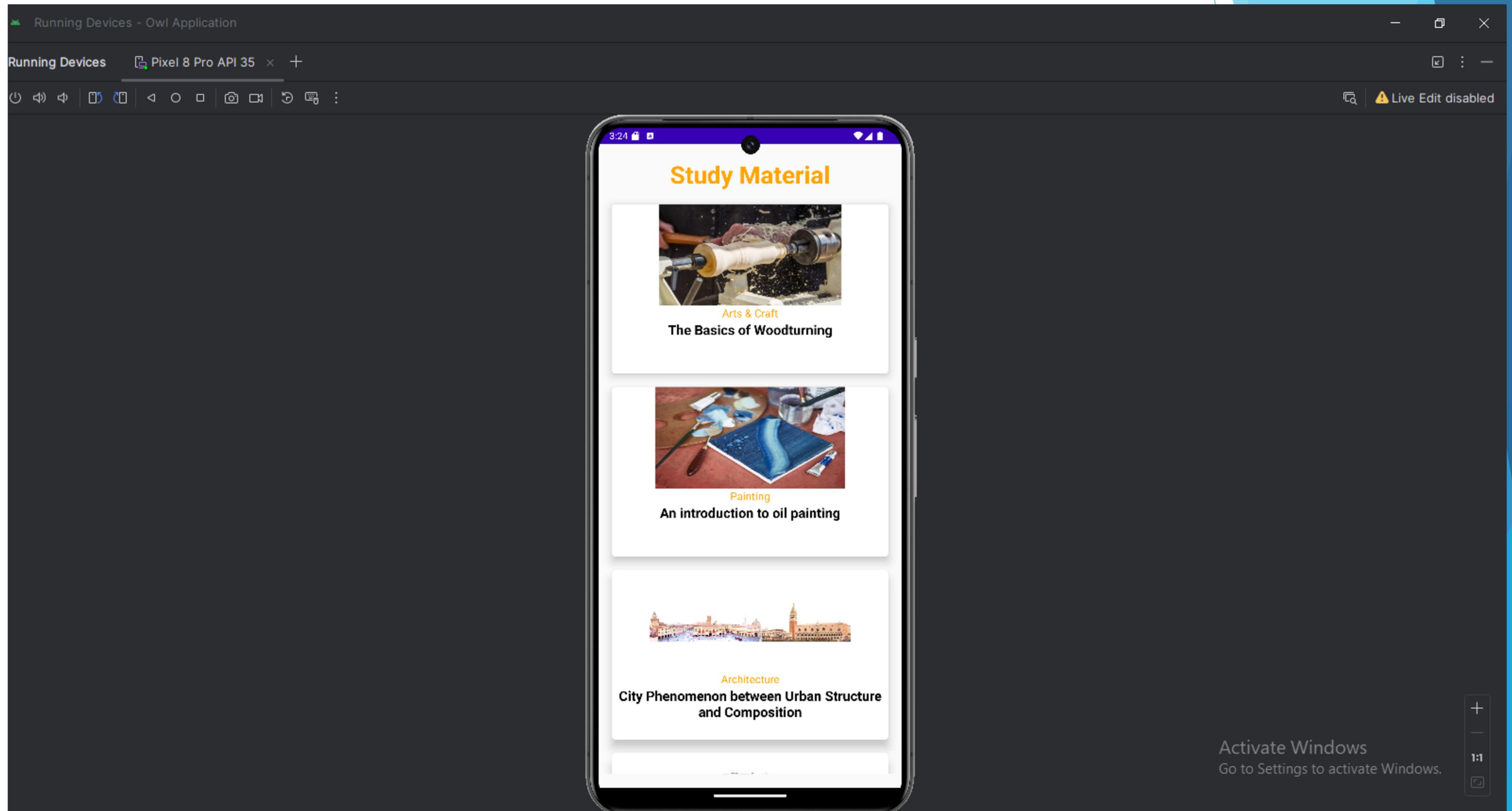
```
Text(  
    text = stringResource(id = R.string.topic4),  
    fontWeight = FontWeight.Bold,  
    fontSize = 20.sp,  
    textAlign = TextAlign.Center,  
)  
}  
}  
}
```

OUTPUT

•



OUTPUT:



OUTPUT:

