Android App Development
ASSIGNMENT - 4

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Food Delivery Application

Github Link:
https://github.com/amxlns/FoodDeliveryApp
Google-Drive Link:
https://drive.google.com/file/d/1WTACoQPJrj5i6VUZ2kdG653rgAuQ9YeP/view?usp=sharing

MainActivity.kt:

```kotlin
@file:OptIn(ExperimentalMaterial3Api::class)

package com.example.assignment4

//21bce7618//
import android.content.Intent
import android.net.Uri
import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.Image
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.fillMaxHeight
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.selection.selectable
import androidx.compose.foundation.shape.CircleShape
import androidx.compose.foundation.shape.RoundedCornerShape
import androidx.compose.foundation.text.KeyboardOptions
```

```kotlin
import androidx.compose.material3.Button
import androidx.compose.material3.Card
import androidx.compose.material3.CardDefaults
import androidx.compose.material3.CardElevation
import androidx.compose.material3.ExperimentalMaterial3Api
import androidx.compose.material3.Icon
import androidx.compose.material3.IconToggleButton
import androidx.compose.material3.MaterialTheme
import androidx.compose.material3.Text
import androidx.compose.material3.OutlinedTextField
import androidx.compose.material3.RadioButton
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.layout.ContentScale
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.semantics.Role
import androidx.compose.ui.text.TextStyle
import androidx.compose.ui.text.font.Font
import androidx.compose.ui.text.font.FontFamily
import androidx.compose.ui.text.input.ImeAction
import androidx.compose.ui.text.input.KeyboardType
import androidx.compose.ui.text.input.PasswordVisualTransformation
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.Dp
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import androidx.core.content.ContextCompat.startActivity
import androidx.navigation.NavHost
import androidx.navigation.NavHostController
import androidx.navigation.compose.NavHost
import androidx.navigation.compose.composable
import androidx.navigation.compose.rememberNavController
import com.example.assignment4.ui.theme.SpotifyFont


class MainActivity : ComponentActivity() {

    lateinit var navController: NavHostController

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

```
            MaterialTheme{

                navController = rememberNavController()
                setupNavGraph(navController = navController)
            }
        }
    }
}
```

HomeScreen.kt:

```kotlin
package com.example.assignment4
import androidx.compose.foundation.Image
import androidx.compose.foundation.layout.Box
import androidx.compose.foundation.layout.Column
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.foundation.text.KeyboardOptions
import androidx.compose.material3.Button
import androidx.compose.material3.Card
import androidx.compose.material3.CardDefaults
import androidx.compose.material3.ExperimentalMaterial3Api
import androidx.compose.material3.OutlinedTextField
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.layout.ContentScale
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.input.ImeAction
import androidx.compose.ui.text.input.KeyboardType
import androidx.compose.ui.text.input.PasswordVisualTransformation
import androidx.compose.ui.text.rememberTextMeasurer
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import androidx.navigation.NavController
import androidx.navigation.NavHostController
```

```kotlin
import androidx.navigation.compose.rememberNavController
import com.example.assignment4.ui.theme.SpotifyFont

@OptIn(ExperimentalMaterial3Api::class)
@Composable
fun HomeScreen(navController: NavController)
{
    val context = LocalContext.current
    BoxExample()
    Column(
        modifier = Modifier
            .fillMaxSize()
            .padding(16.dp),
        horizontalAlignment = Alignment.CenterHorizontally
    )
    {
        Spacer(modifier = Modifier.height(60.dp))
        var username by remember { mutableStateOf("") }
        var password by remember { mutableStateOf("") }
        Text(
            text = "FOODIE",
            fontFamily= SpotifyFont,
            fontSize = 45.sp,
            color = Color.Black
        )
        Spacer(modifier = Modifier.height(80.dp))

        OutlinedTextField(
            label = { Text("Enter Email", fontFamily = SpotifyFont) },
            keyboardOptions = KeyboardOptions(
                keyboardType = KeyboardType.Email,
                imeAction = ImeAction.Done
            ),
            value = username,
            onValueChange = { newUsername -> username = newUsername },
        )

        OutlinedTextField(
            label = { Text("Enter Password", fontFamily = SpotifyFont) },
            value = password,
            visualTransformation = PasswordVisualTransformation(),
            onValueChange = { newPassword -> password = newPassword },
            keyboardOptions = KeyboardOptions(
                keyboardType = KeyboardType.Password,
                imeAction = ImeAction.Done
            )
        )

        Spacer(modifier = Modifier.height(30.dp))
```

```kotlin
        Button(onClick = {
            navController.navigate(route=Screen.Restaurants.route)
        })
        {
            Text("SIGN IN",
                fontFamily = SpotifyFont
            )
        }


        Spacer(modifier = Modifier.height(40.dp))

        Card(
                shape = RoundedCornerShape(20.dp),
            elevation = CardDefaults.cardElevation(defaultElevation = 2.dp)
        )
        {
            Image(
                painterResource(R.drawable.food1),
                contentDescription = "",
                contentScale = ContentScale.Crop,
                modifier = Modifier.fillMaxSize()
            )
        }
    }
}

@Composable
fun BoxExample() {
    Column {
        Box(
            modifier = Modifier
                .fillMaxWidth(),
            contentAlignment = Alignment.Center
        ) {
            Image(
                painter = painterResource(id = R.drawable.bg),
                modifier = Modifier.fillMaxSize(),
                contentDescription = "Background Image",
                contentScale = ContentScale.Crop
            )
        }
    }
}

@Preview(showBackground = true)
@Composable
fun HomePreview() {
```

```kotlin
    HomeScreen(navController = rememberNavController())
}
```

NavGraph.kt:

```kotlin
package com.example.assignment4

import androidx.compose.runtime.Composable
import androidx.navigation.NavController
import androidx.navigation.NavHostController
import androidx.navigation.compose.NavHost
import androidx.navigation.compose.composable


@Composable
fun setupNavGraph(
    navController: NavHostController
)
{
    NavHost(
        navController = navController,
        startDestination = Screen.HomeScreen.route)
    {
        composable(
            route = Screen.HomeScreen.route
        )
        {
            HomeScreen(navController = navController)
        }

        composable(
            route = Screen.Restaurants.route
        )
        {
            RestScreen(navController = navController)
        }

        composable(
            route = Screen.PizzaMenu.route
        )
        {
            PizzaMenuScreen(navController = navController)
        }

        composable(
            route = Screen.KFCMenu.route
        )
        {
            KFCMenuScreen(navController = navController)
```

```
        }

        composable(
            route = Screen.SubwayMenu.route
        )
        {
            SubwayMenuScreen(navController = navController)
        }
    }
}
```

Screen.kt:

```kotlin
package com.example.assignment4

sealed class Screen(val route:String) {
    object HomeScreen:Screen(route="home_screen")
    object Restaurants:Screen(route="rest_screen")
    object PizzaMenu:Screen(route="pm_screen")
    object KFCMenu:Screen(route="kfcm_screen")
    object SubwayMenu:Screen(route="subm_screen")

}
```

Restaurant.kt:

```kotlin
@file:OptIn(ExperimentalMaterial3Api::class)

package com.example.assignment4

//21bce7618//
import android.content.Intent
import android.net.Uri
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.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.fillMaxHeight
import androidx.compose.foundation.layout.fillMaxSize
import androidx.compose.foundation.layout.fillMaxWidth
import androidx.compose.foundation.layout.height
import androidx.compose.foundation.layout.padding
```

```kotlin
import androidx.compose.foundation.layout.size
import androidx.compose.foundation.rememberScrollState
import androidx.compose.foundation.selection.selectable
import androidx.compose.foundation.shape.CircleShape
import androidx.compose.foundation.shape.RoundedCornerShape
import androidx.compose.foundation.text.KeyboardOptions
import androidx.compose.foundation.verticalScroll
import androidx.compose.material3.Button
import androidx.compose.material3.Card
import androidx.compose.material3.CardDefaults
import androidx.compose.material3.CardElevation
import androidx.compose.material3.ExperimentalMaterial3Api
import androidx.compose.material3.Icon
import androidx.compose.material3.IconToggleButton
import androidx.compose.material3.MaterialTheme
import androidx.compose.material3.Text
import androidx.compose.material3.OutlinedTextField
import androidx.compose.material3.RadioButton
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.layout.ContentScale
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.semantics.Role
import androidx.compose.ui.text.TextStyle
import androidx.compose.ui.text.font.Font
import androidx.compose.ui.text.font.FontFamily
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.input.PasswordVisualTransformation
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.dp
import androidx.compose.ui.unit.sp
import androidx.navigation.NavController
import androidx.navigation.NavHostController
import androidx.navigation.compose.NavHost
import androidx.navigation.compose.composable
import androidx.navigation.compose.rememberNavController
import com.example.assignment4.ui.theme.SpotifyFont
@OptIn(ExperimentalMaterial3Api::class)
```

```kotlin
@Composable
fun PizzaMenuScreen(navController: NavController)
{
    BoxExample2()
    val context = LocalContext.current
    Column(
        modifier = Modifier
            .fillMaxSize()
            .fillMaxHeight()
            .verticalScroll(rememberScrollState())
            .padding(20.dp),
        horizontalAlignment = Alignment.CenterHorizontally
    )
    {
        Spacer(modifier = Modifier.height(30.dp))
        Text(
            text = "Pizza Hut Menu",
            fontFamily= SpotifyFont,
            fontSize = 32.sp,
            color = Color.Black
        )
        Spacer(modifier = Modifier.height(30.dp))

        Card(
            shape = RoundedCornerShape(20.dp),
            elevation = CardDefaults.cardElevation(defaultElevation = 2.dp),

        )
        {
            Image(
                painter = painterResource(id = R.drawable.pizza1),
                contentDescription = null,
                contentScale = ContentScale.Fit,
                modifier = Modifier
                    .fillMaxWidth()
            )
            Column(modifier = Modifier.padding(10.dp))
            {
                Text(text = "Momo Mia Pizza-Veg",
                    fontSize = 20.sp,
                    fontFamily= SpotifyFont,
                    fontWeight = FontWeight.W500,
                    modifier = Modifier.padding(10.dp),
                )
                Text(text = "₹250",
                    fontSize = 20.sp,
                    fontFamily= SpotifyFont,
                    fontWeight = FontWeight.W500,
                    modifier = Modifier.padding(10.dp),
```

```kotlin
                    )
                }
            }
            Spacer(modifier = Modifier.height(30.dp))
            Card(
                shape = RoundedCornerShape(20.dp),
                elevation = CardDefaults.cardElevation(defaultElevation = 2.dp),

                )
            {
                Image(
                    painter = painterResource(id = R.drawable.pizza2),
                    contentDescription = null,
                    contentScale = ContentScale.Fit,
                    modifier = Modifier
                        .fillMaxWidth()
                )
                Column(modifier = Modifier.padding(10.dp))
                {
                    Text(text = "Ultimate Tandoori Veggie",
                        fontSize = 20.sp,
                        fontFamily= SpotifyFont,
                        fontWeight = FontWeight.W500,
                        modifier = Modifier.padding(10.dp),
                    )
                    Text(text = "₹299",
                        fontSize = 20.sp,
                        fontFamily= SpotifyFont,
                        fontWeight = FontWeight.W500,
                        modifier = Modifier.padding(10.dp),
                    )
                }
            }
            Spacer(modifier = Modifier.height(30.dp))

            Card(
                shape = RoundedCornerShape(20.dp),
                elevation = CardDefaults.cardElevation(defaultElevation = 2.dp),

                )
            {
                Image(
                    painter = painterResource(id = R.drawable.pizza3),
                    contentDescription = null,
                    contentScale = ContentScale.Fit,
                    modifier = Modifier
                        .fillMaxWidth()
                )
                Column(modifier = Modifier.padding(10.dp))
```

```kotlin
            {
                Text(text = "Cheesy Cheese",
                    fontSize = 20.sp,
                    fontFamily= SpotifyFont,
                    fontWeight = FontWeight.W500,
                    modifier = Modifier.padding(10.dp),
                )
                Text(text = "₹199",
                    fontSize = 20.sp,
                    fontFamily= SpotifyFont,
                    fontWeight = FontWeight.W500,
                    modifier = Modifier.padding(10.dp),
                )
            }
        }
    }
}


@Composable
fun BoxExample2() {
    Column {
        Box(
            modifier = Modifier
                .fillMaxWidth(),
            contentAlignment = Alignment.Center
        ) {
            Image(
                painter = painterResource(id = R.drawable.bg),
                modifier = Modifier.fillMaxSize(),
                contentDescription = "Background Image",
                contentScale = ContentScale.Crop
            )
        }
    }
}
```

KFCMenu.kt:

```kotlin
@file:OptIn(ExperimentalMaterial3Api::class)

package com.example.assignment4

//21bce7618//
import android.content.Intent
import android.net.Uri
import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.Image
```

```kotlin
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.fillMaxHeight
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.rememberScrollState
import androidx.compose.foundation.selection.selectable
import androidx.compose.foundation.shape.CircleShape
import androidx.compose.foundation.shape.RoundedCornerShape
import androidx.compose.foundation.text.KeyboardOptions
import androidx.compose.foundation.verticalScroll
import androidx.compose.material3.Button
import androidx.compose.material3.Card
import androidx.compose.material3.CardDefaults
import androidx.compose.material3.CardElevation
import androidx.compose.material3.ExperimentalMaterial3Api
import androidx.compose.material3.Icon
import androidx.compose.material3.IconToggleButton
import androidx.compose.material3.MaterialTheme
import androidx.compose.material3.Text
import androidx.compose.material3.OutlinedTextField
import androidx.compose.material3.RadioButton
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.layout.ContentScale
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.semantics.Role
import androidx.compose.ui.text.TextStyle
import androidx.compose.ui.text.font.Font
import androidx.compose.ui.text.font.FontFamily
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.input.PasswordVisualTransformation
import androidx.compose.ui.text.style.TextAlign
```

```kotlin
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.Dp
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import androidx.navigation.NavController
import androidx.navigation.NavHostController
import androidx.navigation.compose.NavHost
import androidx.navigation.compose.composable
import androidx.navigation.compose.rememberNavController
import com.example.assignment4.ui.theme.SpotifyFont

@OptIn(ExperimentalMaterial3Api::class)
@Composable
fun KFCMenuScreen(navController: NavController)
{
    BoxExample2()
    val context = LocalContext.current
    Column(
        modifier = Modifier
            .fillMaxSize()
            .fillMaxHeight()
            .verticalScroll(rememberScrollState())
            .padding(16.dp),
        horizontalAlignment = Alignment.CenterHorizontally
    )
    {
        Spacer(modifier = Modifier.height(30.dp))
        Text(
            text = "KFC Menu",
            fontFamily= SpotifyFont,
            fontSize = 32.sp,
            color = Color.Black
        )
        Spacer(modifier = Modifier.height(30.dp))

        Card(
            shape = RoundedCornerShape(20.dp),
            elevation = CardDefaults.cardElevation(defaultElevation = 2.dp),


        )
        {
            Image(
                painter = painterResource(id = R.drawable.kfc1),
                contentDescription = null,
                contentScale = ContentScale.Fit,
                modifier = Modifier
                    .fillMaxWidth()
            )
            Column(modifier = Modifier.padding(10.dp))
```

```kotlin
            {
                Text(text = "Single Chicken Roll",
                    fontSize = 20.sp,
                    fontFamily= SpotifyFont,
                    fontWeight = FontWeight.W500,
                    modifier = Modifier.padding(10.dp),
                )
                Text(text = "₹119",
                    fontSize = 20.sp,
                    fontFamily= SpotifyFont,
                    fontWeight = FontWeight.W500,
                    modifier = Modifier.padding(10.dp),
                )
            }
        }
        Spacer(modifier = Modifier.height(30.dp))
        Card(
            shape = RoundedCornerShape(20.dp),
            elevation = CardDefaults.cardElevation(defaultElevation = 2.dp),

        )
        {
            Image(
                painter = painterResource(id = R.drawable.kfc2),
                contentDescription = null,
                contentScale = ContentScale.Fit,
                modifier = Modifier
                    .fillMaxWidth()
            )
            Column(modifier = Modifier.padding(10.dp))
            {
                Text(text = "Chicken Longer Burger & 2 Strips Combo",
                    fontSize = 20.sp,
                    fontFamily= SpotifyFont,
                    fontWeight = FontWeight.W500,
                    modifier = Modifier.padding(10.dp),
                )
                Text(text = "₹219.05",
                    fontSize = 20.sp,
                    fontFamily= SpotifyFont,
                    fontWeight = FontWeight.W500,
                    modifier = Modifier.padding(10.dp),
                )
            }
        }
        Spacer(modifier = Modifier.height(30.dp))

        Card(
            shape = RoundedCornerShape(20.dp),
```

```kotlin
                elevation = CardDefaults.cardElevation(defaultElevation = 2.dp),

            )
        {
            Image(
                painter = painterResource(id = R.drawable.kfc3),
                contentDescription = null,
                contentScale = ContentScale.Fit,
                modifier = Modifier
                    .fillMaxWidth()
            )
            Column(modifier = Modifier.padding(10.dp))
            {
                Text(text = "Chocolate Lava Cake",
                    fontSize = 20.sp,
                    fontFamily= SpotifyFont,
                    fontWeight = FontWeight.W500,
                    modifier = Modifier.padding(10.dp),
                )
                Text(text = "₹108.57",
                    fontSize = 20.sp,
                    fontFamily= SpotifyFont,
                    fontWeight = FontWeight.W500,
                    modifier = Modifier.padding(10.dp),
                )
            }
        }
    }
}


@Preview(showBackground = true)
@Composable
fun KFCPreview() {
    KFCMenuScreen(navController = rememberNavController())
}
```

PizzaMenu.kt:

```kotlin
@file:OptIn(ExperimentalMaterial3Api::class)

package com.example.assignment4

//21bce7618//
import android.content.Intent
import android.net.Uri
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.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.fillMaxHeight
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.rememberScrollState
import androidx.compose.foundation.selection.selectable
import androidx.compose.foundation.shape.CircleShape
import androidx.compose.foundation.shape.RoundedCornerShape
import androidx.compose.foundation.text.KeyboardOptions
import androidx.compose.foundation.verticalScroll
import androidx.compose.material3.Button
import androidx.compose.material3.Card
import androidx.compose.material3.CardDefaults
import androidx.compose.material3.CardElevation
import androidx.compose.material3.ExperimentalMaterial3Api
import androidx.compose.material3.Icon
import androidx.compose.material3.IconToggleButton
import androidx.compose.material3.MaterialTheme
import androidx.compose.material3.Text
import androidx.compose.material3.OutlinedTextField
import androidx.compose.material3.RadioButton
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.layout.ContentScale
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.semantics.Role
import androidx.compose.ui.text.TextStyle
import androidx.compose.ui.text.font.Font
import androidx.compose.ui.text.font.FontFamily
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.text.input.ImeAction
import androidx.compose.ui.text.input.KeyboardType
```

```kotlin
import androidx.compose.ui.text.input.PasswordVisualTransformation
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.dp
import androidx.compose.ui.unit.sp
import androidx.navigation.NavController
import androidx.navigation.NavHostController
import androidx.navigation.compose.NavHost
import androidx.navigation.compose.composable
import androidx.navigation.compose.rememberNavController
import com.example.assignment4.ui.theme.SpotifyFont
@OptIn(ExperimentalMaterial3Api::class)
@Composable
fun PizzaMenuScreen(navController: NavController)
{
    BoxExample2()
    val context = LocalContext.current
    Column(
        modifier = Modifier
            .fillMaxSize()
            .fillMaxHeight()
            .verticalScroll(rememberScrollState())
            .padding(20.dp),
        horizontalAlignment = Alignment.CenterHorizontally
    )
    {
        Spacer(modifier = Modifier.height(30.dp))
        Text(
            text = "Pizza Hut Menu",
            fontFamily= SpotifyFont,
            fontSize = 32.sp,
            color = Color.Black
        )
        Spacer(modifier = Modifier.height(30.dp))

        Card(
            shape = RoundedCornerShape(20.dp),
            elevation = CardDefaults.cardElevation(defaultElevation = 2.dp),

        )
        {
            Image(
                painter = painterResource(id = R.drawable.pizza1),
                contentDescription = null,
                contentScale = ContentScale.Fit,
                modifier = Modifier
                    .fillMaxWidth()
            )
```

```kotlin
        Column(modifier = Modifier.padding(10.dp))
        {
            Text(text = "Momo Mia Pizza-Veg",
                fontSize = 20.sp,
                fontFamily= SpotifyFont,
                fontWeight = FontWeight.W500,
                modifier = Modifier.padding(10.dp),
            )
            Text(text = "₹250",
                fontSize = 20.sp,
                fontFamily= SpotifyFont,
                fontWeight = FontWeight.W500,
                modifier = Modifier.padding(10.dp),
            )
        }
    }
    Spacer(modifier = Modifier.height(30.dp))
    Card(
        shape = RoundedCornerShape(20.dp),
        elevation = CardDefaults.cardElevation(defaultElevation = 2.dp),

    )
    {
        Image(
            painter = painterResource(id = R.drawable.pizza2),
            contentDescription = null,
            contentScale = ContentScale.Fit,
            modifier = Modifier
                .fillMaxWidth()
        )
        Column(modifier = Modifier.padding(10.dp))
        {
            Text(text = "Ultimate Tandoori Veggie",
                fontSize = 20.sp,
                fontFamily= SpotifyFont,
                fontWeight = FontWeight.W500,
                modifier = Modifier.padding(10.dp),
            )
            Text(text = "₹299",
                fontSize = 20.sp,
                fontFamily= SpotifyFont,
                fontWeight = FontWeight.W500,
                modifier = Modifier.padding(10.dp),
            )
        }
    }
    Spacer(modifier = Modifier.height(30.dp))

    Card(
```

```kotlin
            shape = RoundedCornerShape(20.dp),
            elevation = CardDefaults.cardElevation(defaultElevation = 2.dp),

            )
        {
            Image(
                painter = painterResource(id = R.drawable.pizza3),
                contentDescription = null,
                contentScale = ContentScale.Fit,
                modifier = Modifier
                    .fillMaxWidth()
            )
            Column(modifier = Modifier.padding(10.dp))
            {
                Text(text = "Cheesy Cheese",
                    fontSize = 20.sp,
                    fontFamily= SpotifyFont,
                    fontWeight = FontWeight.W500,
                    modifier = Modifier.padding(10.dp),
                )
                Text(text = "₹199",
                    fontSize = 20.sp,
                    fontFamily= SpotifyFont,
                    fontWeight = FontWeight.W500,
                    modifier = Modifier.padding(10.dp),
                )
            }
        }
    }
}

@Composable
fun BoxExample2() {
    Column {
        Box(
            modifier = Modifier
                .fillMaxWidth(),
            contentAlignment = Alignment.Center
        ) {
            Image(
                painter = painterResource(id = R.drawable.bg),
                modifier = Modifier.fillMaxSize(),
                contentDescription = "Background Image",
                contentScale = ContentScale.Crop
            )
        }
    }
}
```

SubwayMenu.kt:

```kotlin
@file:OptIn(ExperimentalMaterial3Api::class)

package com.example.assignment4

//21bce7618//
import android.content.Intent
import android.net.Uri
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.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.fillMaxHeight
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.rememberScrollState
import androidx.compose.foundation.selection.selectable
import androidx.compose.foundation.shape.CircleShape
import androidx.compose.foundation.shape.RoundedCornerShape
import androidx.compose.foundation.text.KeyboardOptions
import androidx.compose.foundation.verticalScroll
import androidx.compose.material3.Button
import androidx.compose.material3.Card
import androidx.compose.material3.CardDefaults
import androidx.compose.material3.CardElevation
import androidx.compose.material3.ExperimentalMaterial3Api
import androidx.compose.material3.Icon
import androidx.compose.material3.IconToggleButton
import androidx.compose.material3.MaterialTheme
import androidx.compose.material3.Text
import androidx.compose.material3.OutlinedTextField
import androidx.compose.material3.RadioButton
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
```

```kotlin
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.layout.ContentScale
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.semantics.Role
import androidx.compose.ui.text.TextStyle
import androidx.compose.ui.text.font.Font
import androidx.compose.ui.text.font.FontFamily
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.input.PasswordVisualTransformation
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.dp
import androidx.compose.ui.unit.sp
import androidx.navigation.NavController
import androidx.navigation.NavHostController
import androidx.navigation.compose.NavHost
import androidx.navigation.compose.composable
import androidx.navigation.compose.rememberNavController
import com.example.assignment4.ui.theme.SpotifyFont

@OptIn(ExperimentalMaterial3Api::class)
@Composable
fun SubwayMenuScreen(navController: NavController)
{
    BoxExample2()
    val context = LocalContext.current
    Column(
        modifier = Modifier
            .fillMaxSize()
            .fillMaxHeight()
            .verticalScroll(rememberScrollState())
            .padding(16.dp),
        horizontalAlignment = Alignment.CenterHorizontally
    )
    {
        Spacer(modifier = Modifier.height(30.dp))
        Text(
            text = "Subway Menu",
            fontFamily= SpotifyFont,
            fontSize = 32.sp,
            color = Color.Black
        )
        Spacer(modifier = Modifier.height(30.dp))

        Card(
```

```kotlin
            shape = RoundedCornerShape(20.dp),
            elevation = CardDefaults.cardElevation(defaultElevation = 2.dp),
        )
    {

        Image(
            painter = painterResource(id = R.drawable.subway1),
            contentDescription = null,
            contentScale = ContentScale.Fit,
            modifier = Modifier
                .fillMaxWidth()
                .padding(10.dp)
                .height(220.dp)
        )
        Column(modifier = Modifier.padding(10.dp))
        {
            Text(text = "Italian Pesto",
                fontSize = 20.sp,
                fontFamily= SpotifyFont,
                fontWeight = FontWeight.W500,
                modifier = Modifier.padding(10.dp),
            )
            Text(text = "₹289",
                fontSize = 20.sp,
                fontFamily= SpotifyFont,
                fontWeight = FontWeight.W500,
                modifier = Modifier.padding(10.dp),
            )
        }
    }
    Spacer(modifier = Modifier.height(30.dp))
    Card(
        shape = RoundedCornerShape(20.dp),
        elevation = CardDefaults.cardElevation(defaultElevation = 2.dp),

        )
    {

        Image(
            painter = painterResource(id = R.drawable.subway2),
            contentDescription = null,
            contentScale = ContentScale.Fit,
            modifier = Modifier
                .fillMaxWidth()
                .padding(10.dp)
                .height(220.dp)
        )
        Column(modifier = Modifier.padding(10.dp))
        {
            Text(text = "Crunchy Mexican",
                fontSize = 20.sp,
```

```kotlin
                    fontFamily= SpotifyFont,
                    fontWeight = FontWeight.W500,
                    modifier = Modifier.padding(10.dp),
                )
                Text(text = "₹279",
                    fontSize = 20.sp,
                    fontFamily= SpotifyFont,
                    fontWeight = FontWeight.W500,
                    modifier = Modifier.padding(10.dp),
                )
            }
        }
        Spacer(modifier = Modifier.height(30.dp))

        Card(
            shape = RoundedCornerShape(20.dp),
            elevation = CardDefaults.cardElevation(defaultElevation = 2.dp),
        )
        {
            Image(
                painter = painterResource(id = R.drawable.subway3),
                contentDescription = null,
                contentScale = ContentScale.Fit,
                modifier = Modifier
                    .fillMaxWidth()
                    .padding(10.dp)
                    .height(220.dp)
            )
            Column(modifier = Modifier.padding(10.dp))
            {
                Text(text = "Paneer Achari",
                    fontSize = 20.sp,
                    fontFamily= SpotifyFont,
                    fontWeight = FontWeight.W500,
                    modifier = Modifier.padding(10.dp),
                )
                Text(text = "₹269",
                    fontSize = 20.sp,
                    fontFamily= SpotifyFont,
                    fontWeight = FontWeight.W500,
                    modifier = Modifier.padding(10.dp),
                )
            }
        }
    }
}


@Preview(showBackground = true)
```

```
@Composable
fun SubPreview() {
    SubwayMenuScreen(navController = rememberNavController())
}
```

Application Screenshots:

Pizza Hut Menu

Momo Mia Pizza-Veg

₹250

Ultimate Tandoori Veggie

₹299

KFC Menu

Single Chicken Roll

₹119

Chicken Longer Burger & 2 Strips Combo

Subway Menu

Italian Pesto

₹289

Crunchy Mexican

₹279