Studio Shodwe

A CUSTOMIZABLE SNACK ORDERING AND DELIVERY APP

DESCRIPTION

Snack Squad: A Customizable Snack Ordering and Delivery App

Snack Squad is your ultimate destination for personalized snacking! This innovative app lets users create and order their perfect snack combinations, tailored to their tastes and cravings. Whether you’re at home, at the office, or on the go, Snack Squad ensures you get fresh, delicious, and perfectly portioned snacks delivered right to your doorstep.

Customization: Mix and match from a wide range of ingredients to craft your ideal snack box.
Convenience: Quick and seamless ordering process with same-day delivery options.
Variety: Choose from sweet, savory, healthy, or indulgent options to suit your mood.
Subscription Plans: Enjoy regular deliveries with flexible subscription models.
Dietary Preferences: Filter by vegan, gluten-free, keto, or other dietary needs.
Rewards Program: Earn points with every order and unlock exclusive perks.

Main Activity. Kt:

```
package com.example.snackordering

import androidx.room.ColumnInfo
import androidx.room.Entity
import androidx.room.PrimaryKey

@Entity(tableName = "user_table")
data class User(
  @PrimaryKey(autoGenerate = true) val id: Int?,
  @ColumnInfo(name = "first_name") val firstName: String?,
  @ColumnInfo(name = "last_name") val lastName: String?,
  @ColumnInfo(name = "email") val email: String?,
  @ColumnInfo(name = "password") val password: String?,

  )
```

```
package com.example.snackordering

import androidx.room.*

@Dao
interface UserDao {

    @Query("SELECT * FROM user_table WHERE email = :email")
    suspend fun getUserByEmail(email: String): User?

    @Insert(onConflict = OnConflictStrategy.REPLACE)
    suspend fun insertUser(user: User)

    @Update
    suspend fun updateUser(user: User)

    @Delete
    suspend fun deleteUser(user: User)
}
```

```
package com.example.snackordering

import android.content.Context
import androidx.room.Database
import androidx.room.Room
import androidx.room.RoomDatabase
```

```
@Database(entities = [User::class], version = 1)
abstract class UserDatabase : RoomDatabase() {

    abstract fun userDao(): UserDao

    companion object {

        @Volatile
        private var instance: UserDatabase? = null

        fun getDatabase(context: Context): UserDatabase {
            return instance ?: synchronized(this) {
                val newInstance = Room.databaseBuilder(
                    context.applicationContext,
                    UserDatabase::class.java,
                    "user_database"
                ).build()
                instance = newInstance
                newInstance
            }
        }
    }
}
```

```
package com.example.snackordering

import android.annotation.SuppressLint
import android.content.ContentValues
import android.content.Context
import android.database.Cursor
import android.database.sqlite.SQLiteDatabase
import android.database.sqlite.SQLiteOpenHelper

class UserDatabaseHelper(context: Context) :
  SQLiteOpenHelper(context, DATABASE_NAME, null, DATABASE_VERSION) {

  companion object {
    private const val DATABASE_VERSION = 1
    private const val DATABASE_NAME = "UserDatabase.db"

    private const val TABLE_NAME = "user_table"
    private const val COLUMN_ID = "id"
    private const val COLUMN_FIRST_NAME = "first_name"
    private const val COLUMN_LAST_NAME = "last_name"
    private const val COLUMN_EMAIL = "email"
    private const val COLUMN_PASSWORD = "password"
  }
   override fun onCreate(db: SQLiteDatabase?) {
  val createTable = "CREATE TABLE $TABLE_NAME (" +
"$COLUMN_ID INTEGER PRIMARY KEY AUTOINCREMENT, " +
        "$COLUMN_FIRST_NAME TEXT, " +
        "$COLUMN_LAST_NAME TEXT, " +
        "$COLUMN_EMAIL TEXT, " +
        "$COLUMN_PASSWORD TEXT" +
        ")"

    db?.execSQL(createTable)
  }

  override fun onUpgrade(db: SQLiteDatabase?, oldVersion: Int, newVersion: Int) {
    db?.execSQL("DROP TABLE IF EXISTS $TABLE_NAME")
    onCreate(db)
  }

  fun insertUser(user: User) {
    val db = writableDatabase
    val values = ContentValues()
    values.put(COLUMN_FIRST_NAME, user.firstName)
    values.put(COLUMN_LAST_NAME, user.lastName)
    values.put(COLUMN_EMAIL, user.email)
    values.put(COLUMN_PASSWORD, user.password)
    db.insert(TABLE_NAME, null, values)
    db.close()
  }
  @SuppressLint("Range")
  fun getUserByUsername(username: String): User? {
    val db = readableDatabase
    val cursor: Cursor = db.rawQuery("SELECT * FROM $TABLE_NAME WHERE
$COLUMN_FIRST_NAME = ?", arrayOf(username))
    var user: User? = null
    if (cursor.moveToFirst()) {
      user = User(
        id = cursor.getInt(cursor.getColumnIndex(COLUMN_ID)),
        firstName = cursor.getString(cursor.getColumnIndex(COLUMN_FIRST_NAME)),
        lastName = cursor.getString(cursor.getColumnIndex(COLUMN_LAST_NAME)),
        email = cursor.getString(cursor.getColumnIndex(COLUMN_EMAIL)),
        password = cursor.getString(cursor.getColumnIndex(COLUMN_PASSWORD)),
      )
    }
    cursor.close()
    db.close()
    return user
  }
  @SuppressLint("Range")
  fun getUserById(id: Int): User? {
    val db = readableDatabase
    val cursor: Cursor = db.rawQuery("SELECT * FROM $TABLE_NAME WHERE
$COLUMN_ID = ?", arrayOf(id.toString()))
    var user: User? = null
    if (cursor.moveToFirst()) {
      user = User(
id = cursor.getInt(cursor.getColumnIndex(COLUMN_ID)),
        firstName = cursor.getString(cursor.getColumnIndex(COLUMN_FIRST_NAME)),
        lastName = cursor.getString(cursor.getColumnIndex(COLUMN_LAST_NAME)),
        email = cursor.getString(cursor.getColumnIndex(COLUMN_EMAIL)),
        password = cursor.getString(cursor.getColumnIndex(COLUMN_PASSWORD)),
      )
    }
    cursor.close()
    db.close()
    return user
  }

  @SuppressLint("Range")
  fun getAllUsers(): List<User> {
    val users = mutableListOf<User>()
    val db = readableDatabase
    val cursor: Cursor = db.rawQuery("SELECT * FROM $TABLE_NAME", null)
    if (cursor.moveToFirst()) {
      do {
        val user = User(
          id = cursor.getInt(cursor.getColumnIndex(COLUMN_ID)),
          firstName = cursor.getString(cursor.getColumnIndex(COLUMN_FIRST_NAME)),
          lastName = cursor.getString(cursor.getColumnIndex(COLUMN_LAST_NAME)),
          email = cursor.getString(cursor.getColumnIndex(COLUMN_EMAIL)),
          password = cursor.getString(cursor.getColumnIndex(COLUMN_PASSWORD)),
        )
        users.add(user)
      } while (cursor.moveToNext())
    }
    cursor.close()
    db.close()
    return users
  }

}
```

```
package com.example.snackordering

import androidx.room.ColumnInfo
import androidx.room.Entity
import androidx.room.PrimaryKey

@Entity(tableName = "order_table")
data class Order(
    @PrimaryKey(autoGenerate = true) val id: Int?,
    @ColumnInfo(name = "quantity") val quantity: String?,
    @ColumnInfo(name = "address") val address: String?,
)

package com.example.snackordering
import androidx.room.*
@Dao
interface OrderDao {
    @Query("SELECT * FROM order_table WHERE  address= :address")
    suspend fun getOrderByAddress(address: String): Order?

    @Insert(onConflict = OnConflictStrategy.REPLACE)
    suspend fun insertOrder(order: Order)

    @Update
    suspend fun updateOrder(order: Order)

    @Delete
    suspend fun deleteOrder(order: Order)
}
```

```
package com.example.snackordering

import android.content.Context
import androidx.room.Database
import androidx.room.Room
import androidx.room.RoomDatabase

@Database(entities = [Order::class], version = 1)
abstract class OrderDatabase : RoomDatabase() {

    abstract fun orderDao(): OrderDao

    companion object {

        @Volatile
        private var instance: OrderDatabase? = null

        fun getDatabase(context: Context): OrderDatabase {
            return instance ?: synchronized(this) {
                val newInstance = Room.databaseBuilder(
                    context.applicationContext,
                    OrderDatabase::class.java,
                    "order_database"
                ).build()
                instance = newInstance
                newInstance
            }
        }
    }
}
```

```
package com.example.snackordering

import android.annotation.SuppressLint
import android.content.ContentValues
import android.content.Context
import android.database.Cursor
import android.database.sqlite.SQLiteDatabase
import android.database.sqlite.SQLiteOpenHelper

class OrderDatabaseHelper(context: Context) :
    SQLiteOpenHelper(context, DATABASE_NAME, null,DATABASE_VERSION){

  companion object {
    private const val DATABASE_VERSION = 1
    private const val DATABASE_NAME = "OrderDatabase.db"

    private const val TABLE_NAME = "order_table"
    private const val COLUMN_ID = "id"
    private const val COLUMN_QUANTITY = "quantity"
    private const val COLUMN_ADDRESS = "address"
  }

  override fun onCreate(db: SQLiteDatabase?) {
    val createTable = "CREATE TABLE $TABLE_NAME (" +
        "${COLUMN_ID} INTEGER PRIMARY KEY AUTOINCREMENT, " +
        "${COLUMN_QUANTITY} Text, " +
        "${COLUMN_ADDRESS} TEXT " +
        ")"

    db?.execSQL(createTable)
  }
```

```
override fun onUpgrade(db: SQLiteDatabase?, oldVersion: Int, newVersion: Int) {
    db?.execSQL("DROP TABLE IF EXISTS $TABLE_NAME")
    onCreate(db)
  }

  fun insertOrder(order: Order) {
    val db = writableDatabase
    val values = ContentValues()
    values.put(COLUMN_QUANTITY, order.quantity)
    values.put(COLUMN_ADDRESS, order.address)
    db.insert(TABLE_NAME, null, values)
    db.close()
  }
  @SuppressLint("Range")
  fun getOrderByQuantity(quantity: String): Order? {
    val db = readableDatabase
    val cursor: Cursor = db.rawQuery("SELECT * FROM $TABLE_NAME WHERE $COLUMN_QUANTITY = ?", arrayOf(quantity))
    var order: Order? = null
    if (cursor.moveToFirst()) {
      order = Order(
        id = cursor.getInt(cursor.getColumnIndex(COLUMN_ID)),
        quantity = cursor.getString(cursor.getColumnIndex(COLUMN_QUANTITY)),
        address = cursor.getString(cursor.getColumnIndex(COLUMN_ADDRESS)),
      )
    }
    cursor.close()
    db.close()
    return order
  }
```

```
@SuppressLint("Range")
fun getAllOrders(): List<Order> {
    val orders = mutableListOf<Order>()
    val db = readableDatabase
    val cursor: Cursor = db.rawQuery("SELECT * FROM $TABLE_NAME", null)
    if (cursor.moveToFirst()) {
        do {
            val order = Order(
                id = cursor.getInt(cursor.getColumnIndex(COLUMN_ID)),
                quantity = cursor.getString(cursor.getColumnIndex(COLUMN_QUANTITY)),
                address = cursor.getString(cursor.getColumnIndex(COLUMN_ADDRESS)),
            )
            orders.add(order)
        } while (cursor.moveToNext())
    }
    cursor.close()
    db.close()
    return orders
}
```

```
} @SuppressLint("Range")
  fun getAllOrders(): List<Order> {
      val orders = mutableListOf<Order>()
      val db = readableDatabase
      val cursor: Cursor = db.rawQuery("SELECT * FROM $TABLE_NAME", null)
      if (cursor.moveToFirst()) {
          do {
```

```
val order = Order(
                    id = cursor.getInt(cursor.getColumnIndex(COLUMN_ID)),
                    quantity = cursor.getString(cursor.getColumnIndex(COLUMN_QUANTITY)),
                    address = cursor.getString(cursor.getColumnIndex(COLUMN_ADDRESS)),
                )
                orders.add(order)
            } while (cursor.moveToNext())
        }
        cursor.close()
        db.close()
        return orders
    }

}
   package com.example.snackordering
   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.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.layout.ContentScale
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.font.FontFamily
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import androidx.core.content.ContextCompat
import com.example.snackordering.ui.theme.SnackOrderingTheme

class LoginActivity : ComponentActivity() {
    private lateinit var databaseHelper: UserDatabaseHelper
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        databaseHelper = UserDatabaseHelper(this)
        setContent {
            SnackOrderingTheme {
                // A surface container using the 'background' color from the theme
                Surface(
                    modifier = Modifier.fillMaxSize(),
                    color = MaterialTheme.colors.background
                ) {
                    LoginScreen(this, databaseHelper)
                }
            }
        }
    }
}
```

```
@Composable
fun LoginScreen(context: Context, databaseHelper: UserDatabaseHelper) {

  Image(painterResource(id = R.drawable.order), contentDescription = "",
    alpha =0.3F,
    contentScale = ContentScale.FillHeight,

  )

  var username by remember { mutableStateOf("") }
  var password by remember { mutableStateOf("") }
  var error by remember { mutableStateOf("") }

  Column(
    modifier = Modifier.fillMaxSize(),
    horizontalAlignment = Alignment.CenterHorizontally,
    verticalArrangement = Arrangement.Center
  ) {

    Text(
      fontSize = 36.sp,
      fontWeight = FontWeight.ExtraBold,
      fontFamily = FontFamily.Cursive,
      color = Color.White,
      text = "Login"
    )
    Spacer(modifier = Modifier.height(10.dp))

    TextField(
      value = username,
      onValueChange = { username = it },
      label = { Text("Username") },
      modifier = Modifier.padding(10.dp)
        .width(280.dp)
    )
    TextField(
            value = password,
            onValueChange = { password = it },
            label = { Text("Password") },
            modifier = Modifier.padding(10.dp)
                .width(280.dp)
        )
          if (error.isNotEmpty()) {
            Text(
                text = error,
                color = MaterialTheme.colors.error,
                modifier = Modifier.padding(vertical = 16.dp)
            )
        }
           Button(
            onClick = {
                if (username.isNotEmpty() && password.isNotEmpty()) {
                    val user = databaseHelper.getUserByUsername(username)
                    if (user != null && user.password == password) {
                        error = "Successfully log in"
                        context.startActivity(
                            Intent(
                                context,
                                MainPage::class.java
                            )
                        )
                        //onLoginSuccess()
                    }
                        if (user != null && user.password == "admin") {
                            error = "Successfully log in"
                            context.startActivity(
                                Intent(
                                    context,
                                    AdminActivity::class.java
                                )
                            )
                        }
                        else {
                            error =  "Invalid username or password"
                        }
```

```
} else {
                error = "Please fill all fields"
            }
        },
        modifier = Modifier.padding(top = 16.dp)
    ) {
        Text(text = "Login")
    }
    Row {
        TextButton(onClick = {context.startActivity(
            Intent(
                context,
                MainActivity::class.java
            )
        )}
        )
        { Text(color = Color.White,text = "Sign up") }
        TextButton(onClick = {
        })

        {
            Spacer(modifier = Modifier.width(60.dp))
            Text(color = Color.White,text = "Forget password?")
        }
    }
  }
}
private fun startMainPage(context: Context) {
  val intent = Intent(context, MainPage::class.java)
  ContextCompat.startActivity(context, intent, null)
}
```

```
package com.example.snackordering

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.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.layout.ContentScale
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.font.FontFamily
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import androidx.core.content.ContextCompat
import com.example.snackordering.ui.theme.SnackOrderingTheme
```

```
Class MainActivity : ComponentActivity() {
   private lateinit var databaseHelper: UserDatabaseHelper
   override fun onCreate(savedInstanceState: Bundle?) {
      super.onCreate(savedInstanceState)
      databaseHelper = UserDatabaseHelper(this)
      setContent {
         SnackOrderingTheme {
            // A surface container using the 'background' color from the theme
            Surface(
               modifier = Modifier.fillMaxSize(),
               color = MaterialTheme.colors.background
            ) {

               RegistrationScreen(this,databaseHelper)
            }
         }
      }
   }
}
@Composable
fun RegistrationScreen(context: Context, databaseHelper: UserDatabaseHelper) {

   Image(
      painterResource(id = R.drawable.order), contentDescription = "",
      alpha =0.3F,
      contentScale = ContentScale.FillHeight,

      )

   var username by remember { mutableStateOf("") }
   var password by remember { mutableStateOf("") }
   var email by remember { mutableStateOf("") }
   var error by remember { mutableStateOf("") }
```

```
Column(
      modifier = Modifier.fillMaxSize(),
      horizontalAlignment = Alignment.CenterHorizontally,
      verticalArrangement = Arrangement.Center
   ) {
         Text(
         fontSize = 36.sp,
         fontWeight = FontWeight.ExtraBold,
         fontFamily = FontFamily.Cursive,
         color = Color.White,
         text = "Register"
      )
      Spacer(modifier = Modifier.height(10.dp))
      TextField(
         value = username,
         onValueChange = { username = it },
         label = { Text("Username") },
         modifier = Modifier
            .padding(10.dp)
            .width(280.dp)
       )
         TextField(
         value = email,
         onValueChange = { email = it },
         label = { Text("Email") },
         modifier = Modifier
            .padding(10.dp)
            .width(280.dp)
      )
        TextField(
         value = password,
         onValueChange = { password = it },
         label = { Text("Password") },
         modifier = Modifier
            .padding(10.dp)
            .width(280.dp)
      )
```

```
if (error.isNotEmpty()) {
      Text(
        text = error,
        color = MaterialTheme.colors.error,
        modifier = Modifier.padding(vertical = 16.dp)
      )
    }

    Button(
      onClick = {
        if (username.isNotEmpty() && password.isNotEmpty() && email.isNotEmpty()) {
          val user = User(
            id = null,
            firstName = username,
            lastName = null,
            email = email,
            password = password
          )
          databaseHelper.insertUser(user)
          error = "User registered successfully"
          // Start LoginActivity using the current context
          context.startActivity(
            Intent(
              context,
              LoginActivity::class.java
            )
          )

        } else {
          error = "Please fill all fields"
        }
      },
      modifier = Modifier.padding(top = 16.dp)
    ) {
      Text(text = "Register")
    }
    Spacer(modifier = Modifier.width(10.dp))
    Spacer(modifier = Modifier.height(10.dp))
```

```
Row() {
      Text(
        modifier = Modifier.padding(top = 14.dp), text = "Have an account?"
      )
      TextButton(onClick = {
        context.startActivity(
          Intent(
            context,
            LoginActivity::class.java
          )
        )
      })

      {
        Spacer(modifier = Modifier.width(10.dp))
        Text(text = "Log in")
      }
    }
  }
}
private fun startLoginActivity(context: Context) {
  val intent = Intent(context, LoginActivity::class.java)
  ContextCompat.startActivity(context, intent, null)
}
```

```
package com.example.snackordering

import android.annotation.SuppressLint
import android.content.Context
import android.os.Bundle
import android.widget.Toast
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.annotation.DrawableRes
import androidx.annotation.StringRes
import androidx.compose.foundation.Image
import androidx.compose.foundation.background
import androidx.compose.foundation.layout.*
import androidx.compose.foundation.shape.CircleShape
import androidx.compose.foundation.shape.RoundedCornerShape
import androidx.compose.material.*
import androidx.compose.material.icons.Icons
import androidx.compose.material.icons.filled.*
import androidx.compose.runtime.Composable
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.draw.clip
import androidx.compose.ui.graphics.Color
import androidx.compose.foundation.lazy.LazyColumn
import androidx.compose.foundation.lazy.items
import androidx.compose.material.Text
import androidx.compose.ui.unit.dp
import androidx.compose.ui.graphics.RectangleShape
import androidx.compose.ui.layout.ContentScale
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.res.stringResource
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.unit.sp
import androidx.core.content.ContextCompat.startActivity
import com.example.snackordering.ui.theme.SnackOrderingTheme

import android.content.Intent as Intent1


class MainPage : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            SnackOrderingTheme {
                // A surface container using the 'background' color from the theme
                Surface(
                    modifier = Modifier.fillMaxSize(),
                    color = MaterialTheme.colors.background
                ) {
                    FinalView(this)
                    val context = LocalContext.current
                    //PopularFoodColumn(context)
                }
            }
        }
    }
}
```

```
@Composable
fun TopPart() {

    Row(
        modifier = Modifier
            .fillMaxWidth()
            .background(Color(0xffeceef0)), Arrangement.SpaceBetween
    ) {
        Icon(
            imageVector = Icons.Default.Add, contentDescription = "Menu Icon",
            Modifier

                .clip(CircleShape)
                .size(40.dp),
            tint = Color.Black,
        )
        Column(horizontalAlignment = Alignment.CenterHorizontally) {
            Text(text = "Location", style = MaterialTheme.typography.subtitle1, color = Color.Black)
            Row {
                Icon(
                    imageVector = Icons.Default.LocationOn,
                    contentDescription = "Location",
                    tint = Color.Red,
                )
                Text(text = "Accra" , color = Color.Black)
            }

        }
        Icon(
            imageVector = Icons.Default.Notifications, contentDescription = "Notification Icon",

            Modifier
                .size(45.dp),
            tint = Color.Black,
        )
    }
}

@Composable
fun CardPart() {
```

```
Card(modifier = Modifier.size(width = 310.dp, height = 150.dp),
RoundedCornerShape(20.dp)) {
        Row(modifier = Modifier.padding(10.dp), Arrangement.SpaceBetween) {
            Column(verticalArrangement = Arrangement.spacedBy(12.dp)) {
                Text(text = "Get Special Discounts")
                Text(text = "up to 85%", style = MaterialTheme.typography.h5)
                Button(onClick = {}, colors = ButtonDefaults.buttonColors(Color.White)) {
                    Text(text = "Claim voucher", color = MaterialTheme.colors.surface)
                }
            }
            Image(
                painter = painterResource(id = R.drawable.food_tip_im),
                contentDescription = "Food Image", Modifier.size(width = 100.dp, height =
200.dp)
            )
        }
    }
}
@Composable
fun PopularFood(
    @DrawableRes drawable: Int,
    @StringRes text1: Int,
    context: Context
) {
    Card(
        modifier = Modifier
            .padding(top=20.dp, bottom = 20.dp, start = 65.dp)
            .width(250.dp)

    ) {
        Column(
            verticalArrangement = Arrangement.Top,
            horizontalAlignment = Alignment.CenterHorizontally
        ) {
            Spacer(modifier = Modifier.padding(vertical = 5.dp))
            Row(
                modifier = Modifier
                    .fillMaxWidth(0.7f), Arrangement.End
            ) {
                Icon(
imageVector = Icons.Default.Star,
                contentDescription = "Star Icon",
                tint = Color.Yellow
            )
            Text(text = "4.3", fontWeight = FontWeight.Black)
        }
        Image(
            painter = painterResource(id = drawable),
            contentDescription = "Food Image",
            contentScale = ContentScale.Crop,
            modifier = Modifier
                .size(100.dp)
                .clip(CircleShape)
        )
        Text(text = stringResource(id = text1), fontWeight = FontWeight.Bold)
        Row(modifier = Modifier.fillMaxWidth(0.7f), Arrangement.SpaceBetween) {
            /*TODO Implement Prices for each card*/
            Text(
                text = "$50",
                style = MaterialTheme.typography.h6,
                fontWeight = FontWeight.Bold,
                fontSize = 18.sp
            )
             IconButton(onClick = {
                 //var no=FoodList.lastIndex;
                //Toast.
                val intent = Intent1(context, TargetActivity::class.java)
                context.startActivity(intent)
               }) {
                Icon(
                    imageVector = Icons.Default.ShoppingCart,
                    contentDescription = "shopping cart",
                )
            }
        }
    }
  }
}
```

```
private val FoodList = listOf(
   R.drawable.sandwish to R.string.sandwich,
   R.drawable.sandwish to R.string.burgers,
   R.drawable.pack to R.string.pack,
   R.drawable.pasta to R.string.pasta,
   R.drawable.tequila to R.string.tequila,
   R.drawable.wine to R.string.wine,
   R.drawable.salad to R.string.salad,
   R.drawable.pop to R.string.popcorn
).map { DrawableStringPair(it.first, it.second) }
private data class DrawableStringPair(
   @DrawableRes val drawable: Int,
   @StringRes val text1: Int
)
 @Composable
fun App(context: Context) {
     Column(
      modifier = Modifier
         .fillMaxSize()
         .background(Color(0xffeceef0))
         .padding(10.dp),
      verticalArrangement = Arrangement.Top,
      horizontalAlignment = Alignment.CenterHorizontally
   ) {
      Surface(modifier = Modifier, elevation = 5.dp) {
         TopPart()
      }
      Spacer(modifier = Modifier.padding(10.dp))
      CardPart()
      Spacer(modifier = Modifier.padding(10.dp))
      Row(modifier = Modifier.fillMaxWidth(), Arrangement.SpaceBetween) {
         Text(text = "Popular Food", style = MaterialTheme.typography.h5, color = Color.Black)
         Text(text = "view all", style = MaterialTheme.typography.subtitle1,  color = Color.Black)
}
        Spacer(modifier = Modifier.padding(10.dp))
        PopularFoodColumn(context) // <- call the function with parentheses
    }
}
@Composable
fun PopularFoodColumn(context: Context) {

    LazyColumn(
        modifier = Modifier.fillMaxSize(),

        content = {
            items(FoodList) { item ->
                PopularFood(context = context,drawable = item.drawable, text1 = item.text1)
                abstract class Context
            }
        },
        verticalArrangement = Arrangement.spacedBy(16.dp))
}


@SuppressLint("UnusedMaterialScaffoldPaddingParameter")
@Composable
fun FinalView(mainPage: MainPage) {
    SnackOrderingTheme {
        Scaffold() {
            val context = LocalContext.current
            App(context)
        }
    }
}
```

```
package com.example.snackordering
import android.content.Context
import android.content.Intent
import android.os.Bundle
import android.util.Log
import android.widget.Toast
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.Image
import androidx.compose.foundation.background
import androidx.compose.foundation.layout.*
import androidx.compose.foundation.text.KeyboardActions
import androidx.compose.foundation.text.KeyboardOptions
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.layout.ContentScale
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.platform.textInputServiceFactory
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.input.KeyboardType
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp
import androidx.core.content.ContextCompat
import com.example.snackordering.ui.theme.SnackOrderingTheme
```

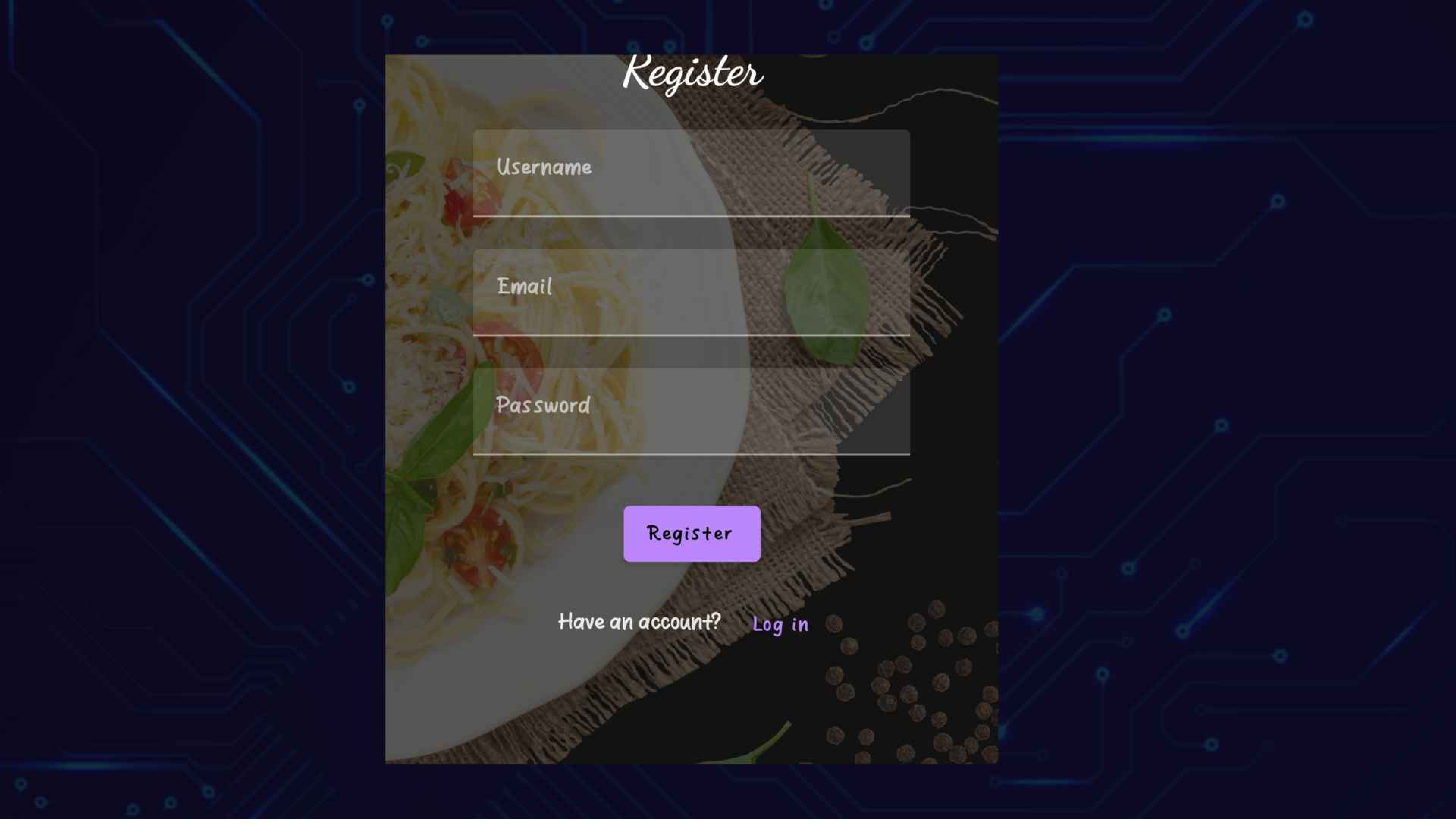
```
class TargetActivity : ComponentActivity() {
    private lateinit var orderDatabaseHelper: OrderDatabaseHelper
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        orderDatabaseHelper = OrderDatabaseHelper(this)
        setContent {
            SnackOrderingTheme {
                // A surface container using the 'background' color from the theme
                Surface(
                    modifier = Modifier
                        .fillMaxSize()
                        .background(Color.White)

                ) {
                    Order(this, orderDatabaseHelper)
                    val orders = orderDatabaseHelper.getAllOrders()
                   Log.d("swathi", orders.toString())

                }
            }
        }
    }
}

@Composable
fun Order(context: Context, orderDatabaseHelper: OrderDatabaseHelper){
    Image(painterResource(id = R.drawable.order), contentDescription = "",
        alpha =0.5F,
    contentScale = ContentScale.FillHeight)
    Column(
        horizontalAlignment = Alignment.CenterHorizontally,
        verticalArrangement = Arrangement.Center) {
```

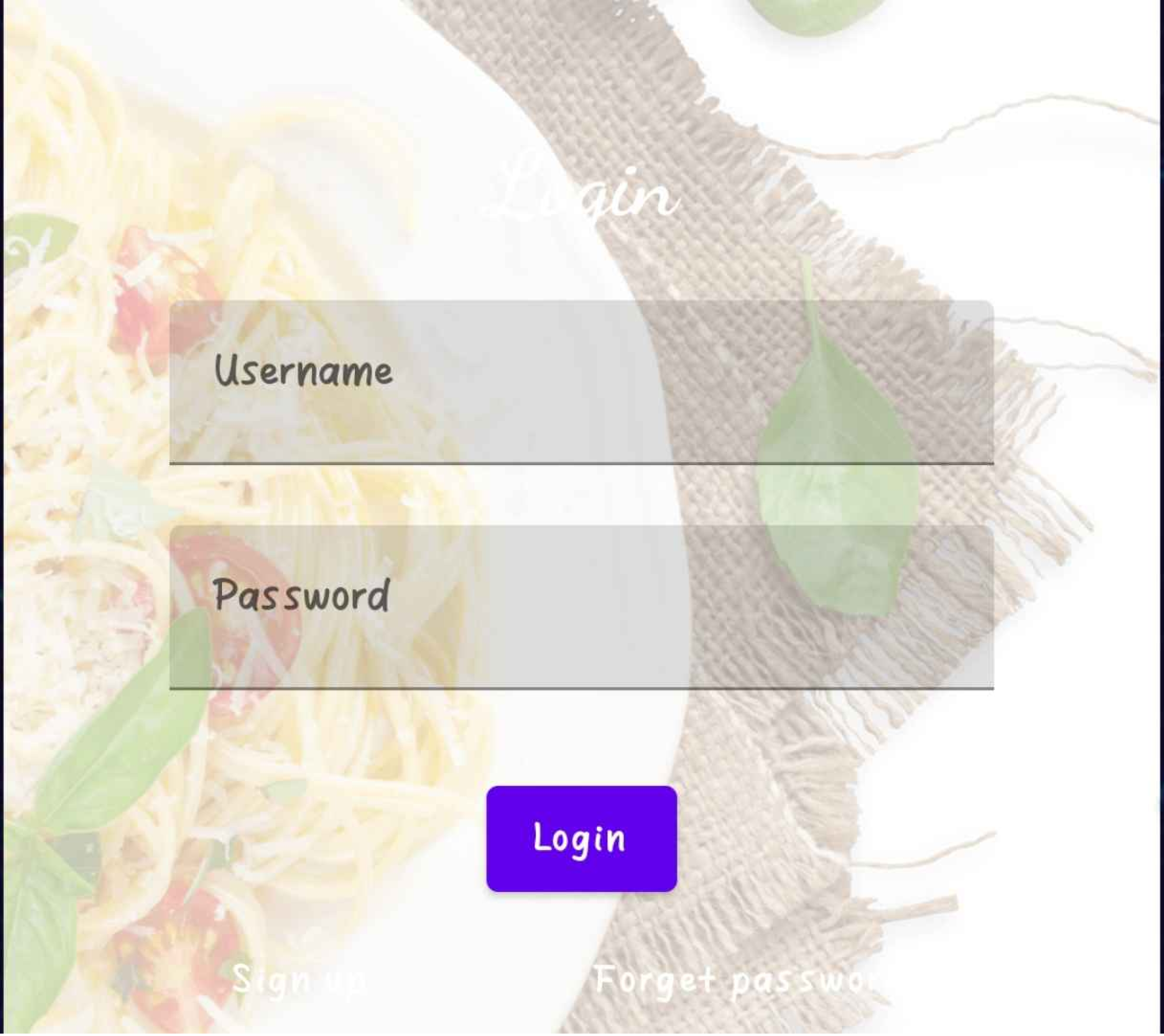
```
val mContext = LocalContext.current
       var quantity by remember { mutableStateOf("") }
       var address by remember { mutableStateOf("") }
       var error by remember { mutableStateOf("") }
         TextField(value = quantity, onValueChange = {quantity=it},
           label = { Text("Quantity") },
          keyboardOptions = KeyboardOptions(keyboardType = KeyboardType.Number),
           modifier = Modifier
               .padding(10.dp)
               .width(280.dp))
       Spacer(modifier = Modifier.padding(10.dp))
        TextField(value = address, onValueChange = {address=it},
           label = { Text("Address") },
           modifier = Modifier
               .padding(10.dp)
               .width(280.dp))

       Spacer(modifier = Modifier.padding(10.dp))
        if (error.isNotEmpty()) {
           Text(
               text = error,
               color = MaterialTheme.colors.error,
               modifier = Modifier.padding(vertical = 16.dp)
           )
       }
      Button(onClick = {
           if( quantity.isNotEmpty() and address.isNotEmpty()){
               val order = Order(
                   id = null,
                   quantity = quantity,
                   address = address
               )
               orderDatabaseHelper.insertOrder(order)
           Toast.makeText(mContext, "Order Placed Successfully", Toast.LENGTH_SHORT).show()}
       },
           colors = ButtonDefaults.buttonColors(backgroundColor = Color.White))
       {
           Text(text = "Order Place", color = Color.Black)
       }
     }
}
private fun startMainPage(context: Context) {
   val intent = Intent(context, LoginActivity::class.java)
   ContextCompat.startActivity(context, intent, null)
}
```

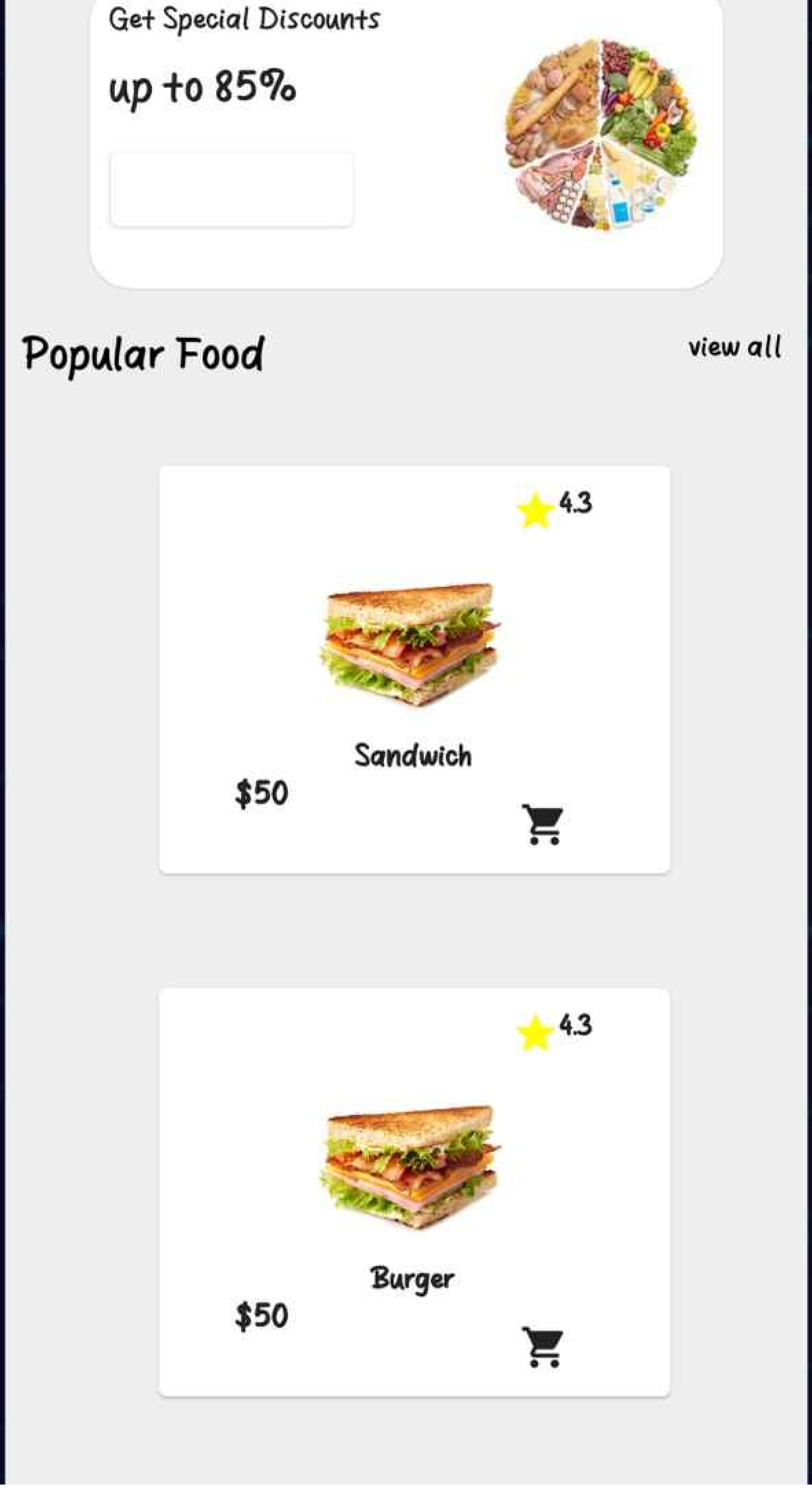
```
package com.example.snackordering

import android.icu.text.SimpleDateFormat
import android.os.Bundle
import android.util.Log
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.Image
import androidx.compose.foundation.layout.*
import androidx.compose.foundation.lazy.LazyColumn
import androidx.compose.foundation.lazy.LazyRow
import androidx.compose.foundation.lazy.items
import androidx.compose.material.MaterialTheme
import androidx.compose.material.Surface
import androidx.compose.material.Text
import androidx.compose.runtime.Composable
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.layout.ContentScale
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import com.example.snackordering.ui.theme.SnackOrderingTheme
import java.util.*
```

```
class AdminActivity : ComponentActivity() {
    private lateinit var orderDatabaseHelper: OrderDatabaseHelper
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        orderDatabaseHelper = OrderDatabaseHelper(this)
        setContent {
            SnackOrderingTheme {
                // A surface container using the 'background' color from the theme
                Surface(
                    modifier = Modifier.fillMaxSize(),
                    color = MaterialTheme.colors.background
                ) {
                    val data=orderDatabaseHelper.getAllOrders();
                    Log.d("swathi" ,data.toString())
                    val order = orderDatabaseHelper.getAllOrders()
                    ListListScopeSample(order)
                }
            }
        }
    }
}
@Composable
fun ListListScopeSample(order: List<Order>) {
    Image(
        painterResource(id = R.drawable.order), contentDescription = "",
        alpha =0.5F,
        contentScale = ContentScale.FillHeight)
    Text(text = "Order Tracking", modifier = Modifier.padding(top = 24.dp, start = 106.dp, bottom = 24.dp ), color = Color.White, fontSize = 30.sp)
    Spacer(modifier = Modifier.height(30.dp))
    LazyRow(
        modifier = Modifier
            .fillMaxSize()
            .padding(top = 80.dp),

        horizontalArrangement = Arrangement.SpaceBetween
    ){
```

```
item {

          LazyColumn {
             items(order) { order ->
                Column(modifier = Modifier.padding(top = 16.dp, start = 48.dp, bottom =
20.dp)) {
                   Text("Quantity: ${order.quantity}")
                   Text("Address: ${order.address}")
                }
             }
          }
       }

    }
}
```


Register
Username
Email
Password
Register
Have an account?
Log in


Login
Username
Password
Login
Sign up
Forget passwo



Get Special Discounts

up to 85%

Popular Food

view all

4.3

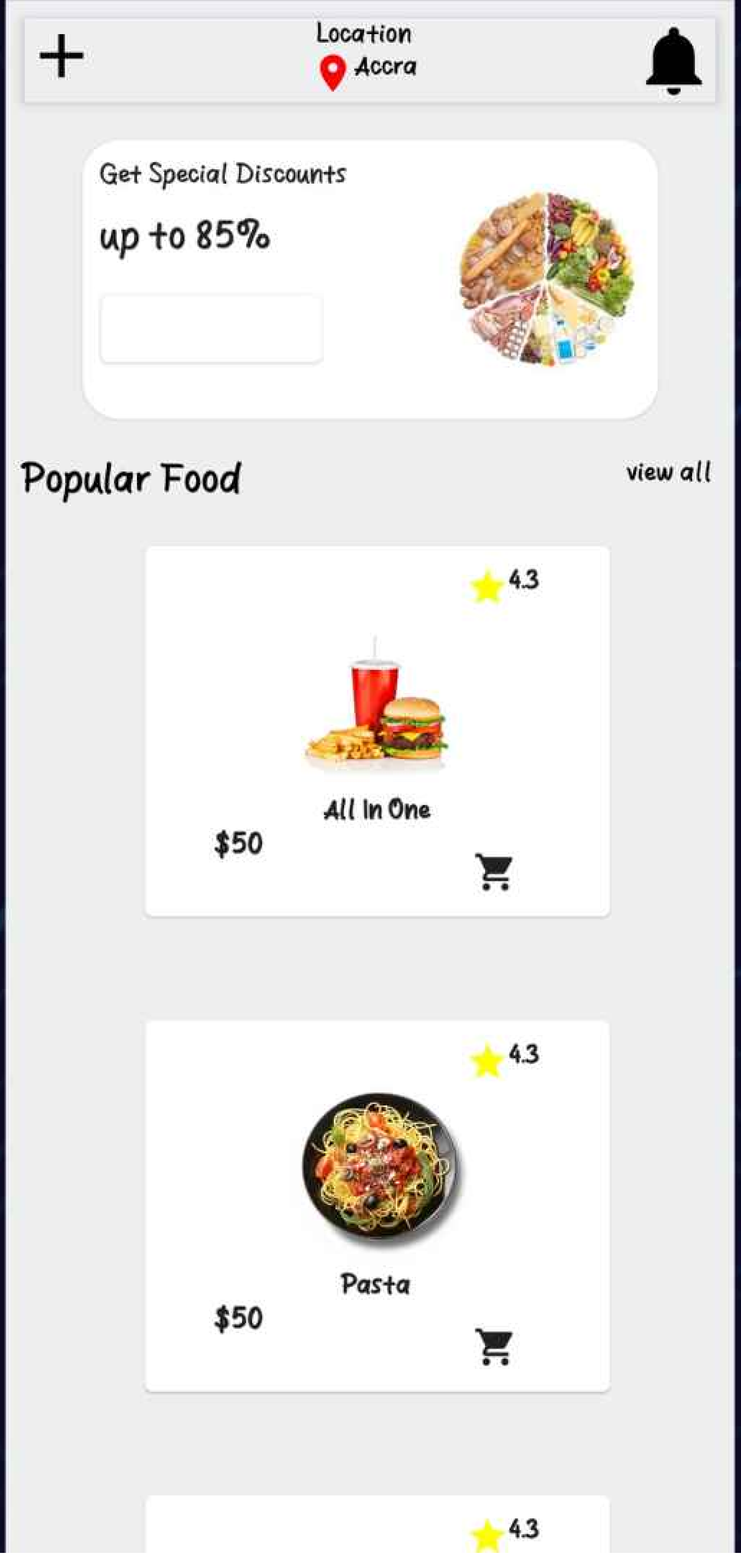
Sandwich

$50

4.3

Burger

$50



Location

Accra

Get Special Discounts

up to 85%

Popular Food

view all

4.3

All In One

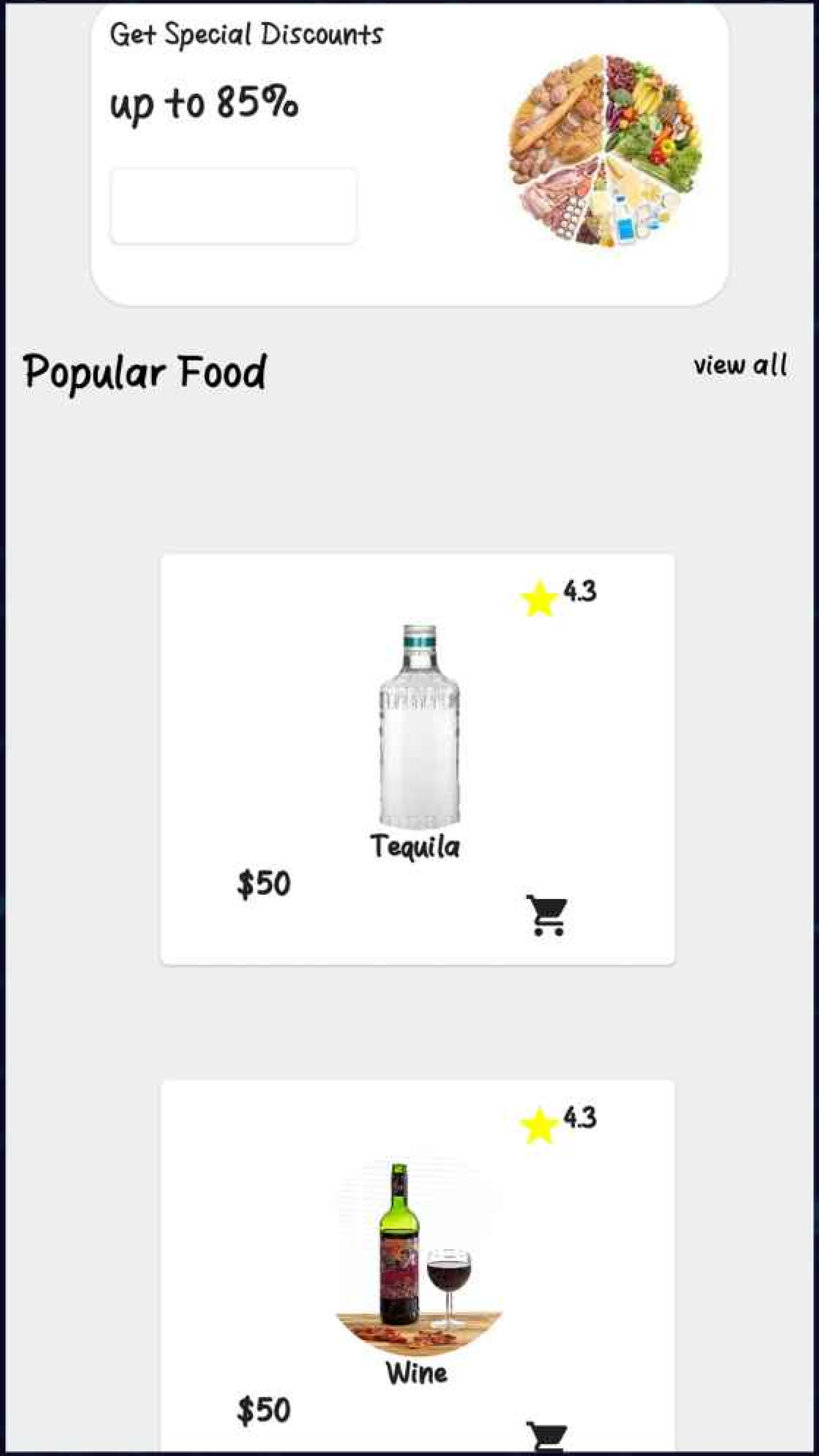
$50

4.3

Pasta

$50

4.3



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Popular Food

view all

4.3

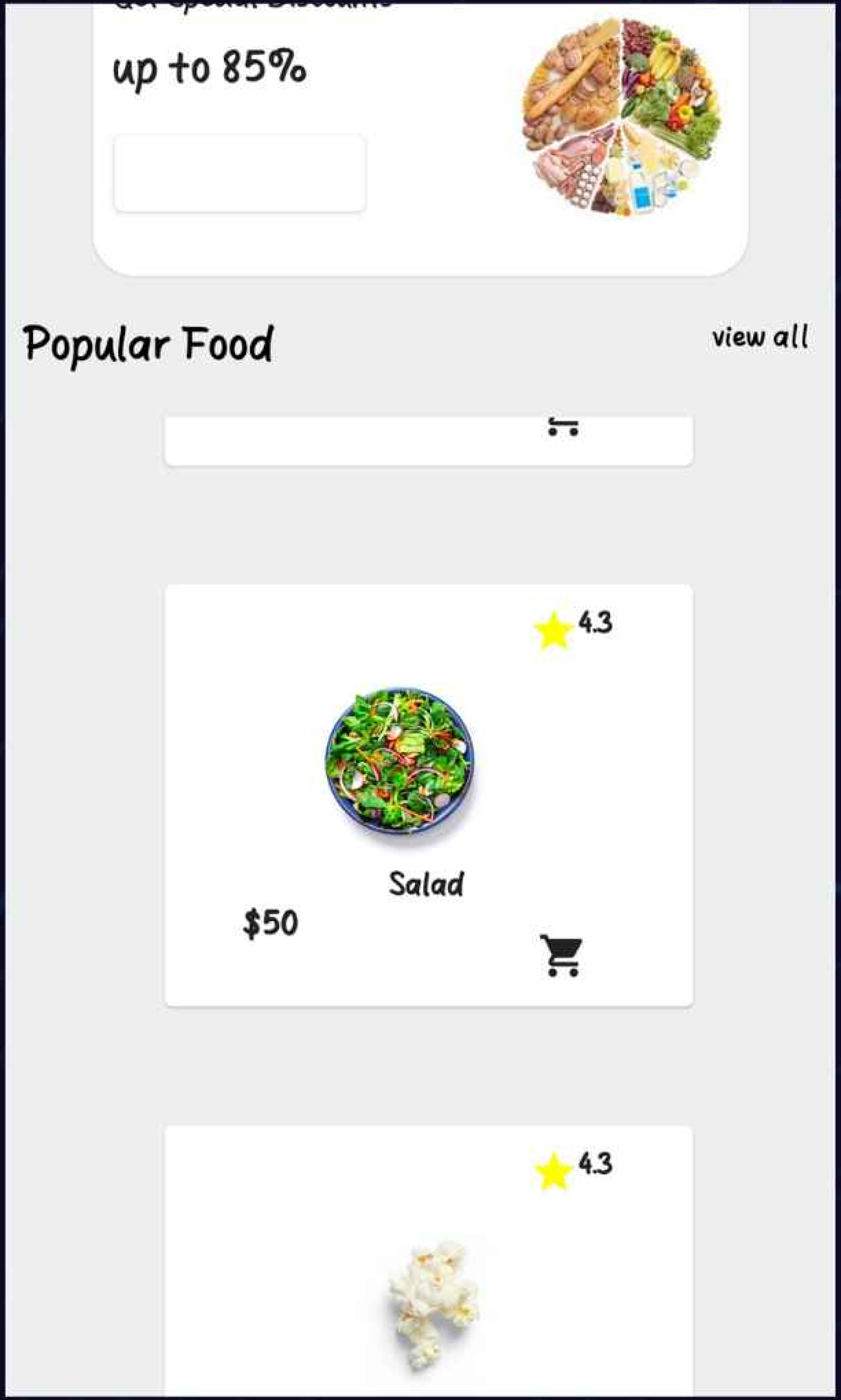
Tequila

$50

4.3

Wine

$50


up to 85%
Popular Food
view all
4.3
Salad
$50
4.3

THANK YOU