A

Mobile Application Development

PROJECT REPORT

on

**ANYWHEREEAT**

Submitted by

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CSE-4 - Batch 2022-2026

Submitted to

Dr. Nikhil Kumar



(Assistant Professor, School of Engineering and Technology)

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**CANDIDATE’S DECLARATION**

We hereby certify that the work on the project entitled, “**ANYWHEREEAT**”, in partial

fulfillment of requirements for the award of Degree of Bachelor of Technology in

School of Engineering and Technology at BML Munjal University is an authentic

record of our own work carried out during a period from Feb 2024 to May 2024.

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2.Radhika Bhati

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4.Anaya Srivastava

5.Deepanshu Aggarwal

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**1. Roles of the Project Members**

The successful development of the AnyWhereEat application underscores the cooperative nature of our team, wherein each of the five members made substantial and equitable contributions throughout every phase of the project. At the project's initial development, we equally distributed XML layout activities tasks, encompassing both user and administrative interfaces, among team members to ensure a balanced allocation of responsibilities and to foster individual creativity and learning opportunities.

When it came to Java code implementation, we approached it as a team, coding together to ensure that every line reflected our collective understanding and vision for the project, engaging in comprehensive discussions and joint coding sessions. There was no distinction between roles; rather, we embraced a shared responsibility mindset, where ideas were freely exchanged, and solutions were crafted collaboratively. This approach not only fostered a sense of ownership and pride in our work but also strengthened our bonds as a cohesive unit. As a result, the AnyWhereEat app embodies not just our technical proficiency but also our unwavering commitment to teamwork and mutual support.

**2. Introduction of the Application**

"AnyWhereEat" is a comprehensive Android application designed to streamline the process of ordering food from various restaurants. The app serves as a bridge between users looking for convenient meal options and restaurants seeking efficient order management. By offering a seamless experience to both end users and restaurant administrators, "AnyWhereEat" aims to enhance the overall food ordering process.The app is divided into two primary interfaces: the user app and the admin app. The user app is designed with a focus on simplicity and ease of use, offering a wide range of features to help customers find and order their desired meals. Upon launching the app, users are greeted with options to either sign up or log in using their email and password. After signing in, users can navigate through various categories of food, such as pizza, burgers, chicken, sushi, and more, to find the meals they want.Once a user selects a food item, they can view detailed information about the dish, including its rating, cost, preparation time, and a short description. Users can adjust the quantity of the item they wish to purchase and add it to their cart. The app also offers functionalities like setting a delivery location, scheduling a preferred delivery time, and specifying a price range for their orders. In the cart, users can apply coupon codes and review an order summary before placing the order.The admin app, on the other hand, is designed to provide restaurant owners and administrators with tools to efficiently manage their business. Admins can sign up or log in to access a dashboard that provides an overview of pending orders, completed orders, and overall earnings. Admins can add new items to the menu, manage existing items, and update their profiles. Additionally, they can view pending orders, accept them, and manage their dispatch process."AnyWhereEat" leverages Firebase for its backend services, ensuring data security and real-time updates. The app's intuitive design and powerful features make it an ideal choice for users looking for a quick and easy way to order food and for restaurants seeking efficient order management.

**3. Motivation of the application**

As students passionate about the intersection of technology and everyday life, we embarked on the "AnyWhereEat" project to apply our academic knowledge to a real-world challenge: creating a streamlined, user-friendly food delivery application. We recognized the potential for innovation in the food delivery sector, an industry that continues to evolve rapidly. By addressing the needs of both consumers and restaurants, our goal was to build a platform that delivers a superior experience to all parties involved.The motivation for our project stemmed from the desire to bridge the gap in the food delivery market. We noticed that existing solutions often focused solely on one side of the experience, either prioritizing the needs of customers or those of restaurant owners. This prompted us to design "AnyWhereEat" as a holistic application that serves both users and admins efficiently and effectively.From a technical standpoint, the project provided us with an opportunity to hone our skills in Android development using Java and XML, as well as to gain practical experience with backend services such as Firebase. By building a functional and intuitive user interface, we aimed to offer consumers a seamless experience when searching for and ordering their favorite meals. At the same time, we wanted to empower restaurant administrators with tools to manage their operations effortlessly, from handling orders to updating menus.Our project also allowed us to explore and address challenges such as secure data storage, real-time updates, and user experience optimization. The chance to work on a project that combines multiple aspects of our coursework, including software development, design, and database management, was invaluable for our growth as students and future professionals.Ultimately, our motivation for creating "AnyWhereEat" was rooted in our desire to make a tangible impact on a sector that affects many people's daily lives. By leveraging our technical skills and creativity, we aimed to create a platform that enhances convenience and satisfaction for users while supporting the operational needs of restaurants .

**4. Applicability of the Application**  The "AnyWhereEat" application boasts a wide range of applicability across different sectors and scenarios, making it a versatile solution for various stakeholders in the food delivery ecosystem. Its applicability can be seen in the following areas:**Customer Convenience:**The primary applicability of "AnyWhereEat" is enhancing the convenience of food ordering for customers. The app offers a user-friendly interface that allows customers to browse various food categories, search for specific items, and place orders with ease.Features such as setting preferred delivery times, choosing delivery locations, and adjusting the quantity of food items enable customers to customize their orders according to their needs.**Restaurant Efficiency:**For restaurant administrators, the app provides a comprehensive set of tools to manage their business efficiently. Admins can add new menu items, edit existing ones, and update descriptions and pricing to reflect current offerings.The app streamlines order management, enabling restaurants to track pending and completed orders, handle payments, and dispatch orders for delivery. This optimizes the restaurant's workflow and helps improve overall operational efficiency.**Order Management and Fulfillment:**The app facilitates real-time order tracking and management, benefiting both customers and restaurant owners. Customers can keep track of their orders and receive updates on their status, while restaurants can handle orders efficiently and dispatch them on time.**Market Expansion and Reach:**"AnyWhereEat" can help restaurants expand their reach by making their menu accessible to a wider audience through the app. By providing an online presence, restaurants can attract new customers and grow their business beyond their physical location.The app's diverse category offerings allow customers to discover new restaurants and cuisines, fostering greater variety and choice.**Data-Driven Insights:**The use of Firebase enables secure data management and real-time updates. Both customers and admins can benefit from data-driven insights, such as understanding order patterns, popular items, and customer preferences.Restaurants can use this data to adjust their offerings and marketing strategies to better meet customer demand.**Adaptability to Different Business Models:**"AnyWhereEat" can be adapted to suit different business models, including dine-in, takeout, and delivery-only restaurants. Its flexibility allows it to cater to the unique needs of various types of establishments.**Community Engagement and Support:**The app can foster community engagement by supporting local restaurants and promoting their offerings. This can lead to stronger relationships between customers and local businesses, contributing to a vibrant local economy.

**5.Figma Screenshots First Project Presentation**

**USER FIGMA :-**

A screenshot of a food app

Description automatically generatedA screenshot of a login form

Description automatically generated

A screenshot of a food menu

Description automatically generatedA screenshot of a pizza

Description automatically generatedA close up of a burger

Description automatically generated

A screenshot of a menu

Description automatically generated A screenshot of a phone

Description automatically generated A screenshot of a menu

Description automatically generated

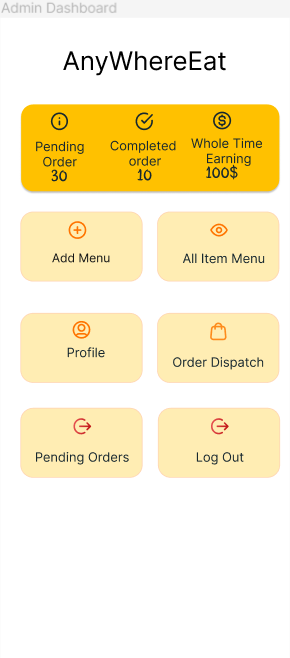
**ADMIN FIGMA:-**

**A screenshot of a phone

Description automatically generated**A screenshot of a food app

Description automatically generatedA screenshot of a login screen

Description automatically generated

A screenshot of a phone

Description automatically generatedA screenshot of a phone

Description automatically generated

**A screenshot of a phone

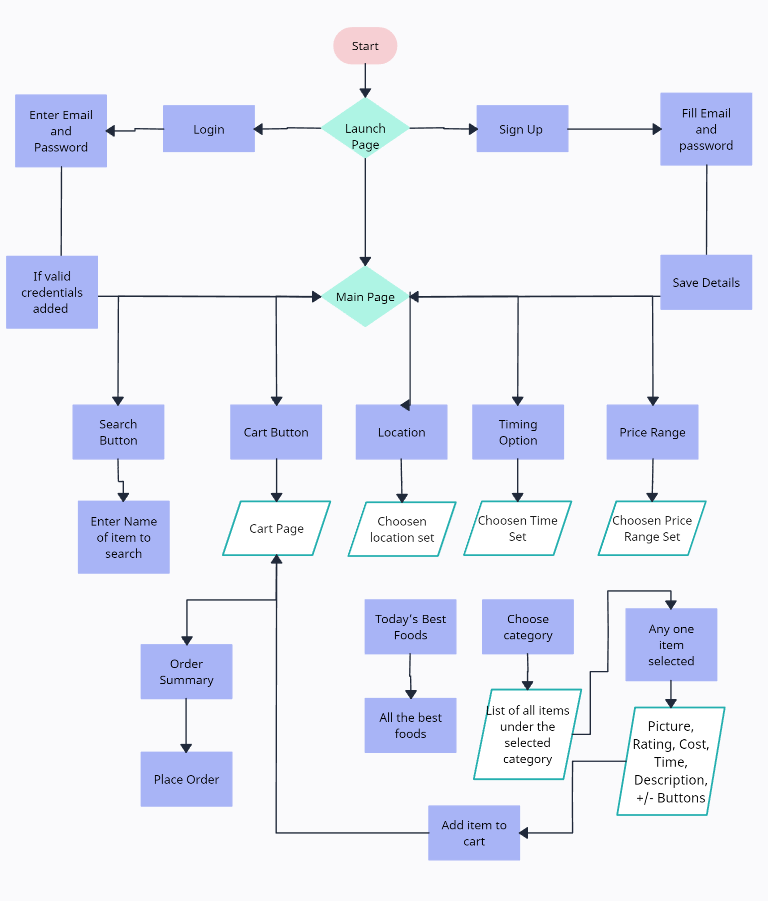
Description automatically generatedA screenshot of a phone

Description automatically generatedA screenshot of a phone

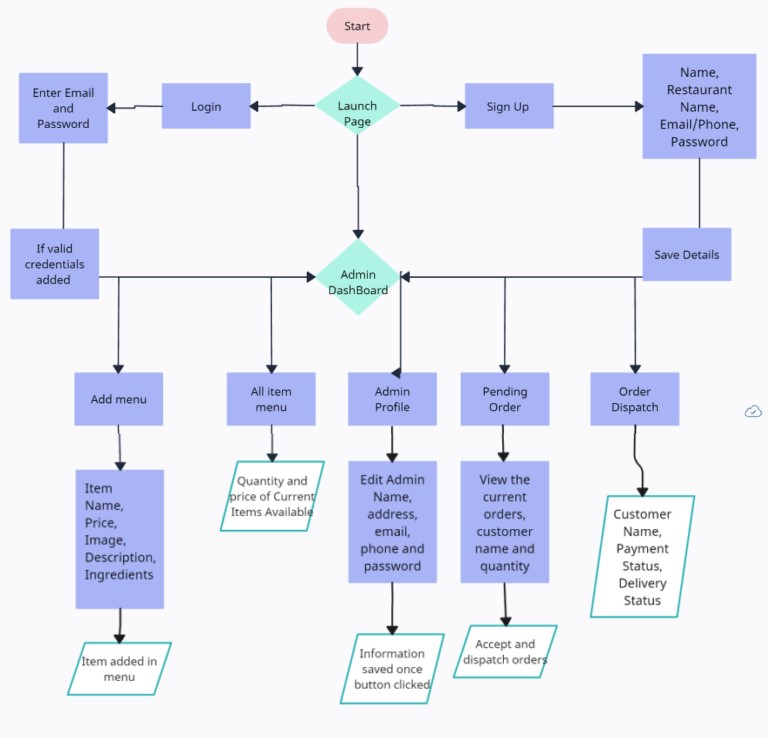
Description automatically generated**

**6.Flowchart**

**USER:-**



**ADMIN:-**



**7.Important Java Libraries Used In The Application**

Here are the libraries used in our Android app:

1. **androidx.appcompat.app.AppCompatActivity:** This is the base class for activities in Android apps. Activities represent individual screens with a user interface. They handle user interactions, such as button clicks, and manage the lifecycle of the screen.
2. **android.os.Bundle:** Bundles are used to pass data between Android components, primarily between activities and fragments. They can store key-value pairs, allowing you to transfer information when transitioning between different parts of your app.
3. **com.example.project162.R:** This class is automatically generated by the Android build system and contains references to all resources used in your app, such as layout files, strings, and images. It's crucial for accessing these resources programmatically from your Java or Kotlin code.
4. **com.google.firebase.auth.FirebaseAuth:** Firebase Authentication provides backend services, easy-to-use SDKs, and ready-made UI libraries to authenticate users in your app. FirebaseAuth specifically handles user authentication using email/password, phone number, or other identity providers like Google, Facebook, etc.
5. **com.google.firebase.database.FirebaseDatabase:** Firebase Realtime Database is a cloud-hosted NoSQL database provided by Firebase. It allows you to store and sync data between your users in real-time. FirebaseDatabase class is used to interact with this database from your Android app.
6. **androidx.recyclerview.widget.LinearLayoutManager:** RecyclerView is a flexible view for providing a limited window into a large dataset. LinearLayoutManager is one of the layout managers provided by RecyclerView. It arranges items in a linear list either vertically or horizontally.
7. **androidx.recyclerview.widget.RecyclerView:** RecyclerView is a more advanced version of ListView or GridView. It's used to display large sets of data efficiently by recycling views as they scroll off the screen. It's highly customizable and commonly used for displaying lists or grids in Android apps.
8. **com.bumptech.glide.Glide:** Glide is an open-source image loading and caching library for Android. It's designed for smooth and efficient image loading, providing features like automatic memory and disk caching, animated GIF support, and more. It's widely used to load images from various sources, including URLs, local files, or resources, into ImageView components.
9. **com.example.project162.Adapter:** This is likely a custom adapter class specific to the project named "project162." In Android, adapters are used to provide data to views like RecyclerView or ListView. Custom adapters are often created to bind data from a data source to the views displayed in a RecyclerView or ListView.
10. **com.example.project162.Helper:** This could be a custom helper class containing utility methods or functions specific to the "project162" app. Helper classes are often used to encapsulate reusable code that doesn't fit into the responsibilities of other classes.
11. **com.example.project162.databinding:** Data binding is a feature introduced by Android to bind UI components in layout files to data sources in your app's architecture. It allows for cleaner and more maintainable code by reducing the need for findViewById calls and simplifying the process of binding data to views.
12. **android.content.Intent:** Intents are messaging objects used to request an action from another app component, such as starting an activity, broadcasting a message, or launching a service. They facilitate communication between different parts of your app and between your app and other apps.
13. **android.graphics.Color:** This class provides methods for creating and manipulating colors in Android apps. It's commonly used to set colors for text, backgrounds, drawables, and other UI elements.
14. **android.widget.Toast:** Toasts are simple feedback mechanisms used to display short-lived messages to the user. They appear as small pop-up notifications at the bottom of the screen and are commonly used to show messages like "Item added to cart" or "Connection lost."
15. **androidx.annotation.NonNull:** This annotation is used to indicate that a parameter, field, or method return value should not be null. It's primarily used for documentation purposes and to catch potential NullPointerExceptions during development.
16. **android.content.Context:** Context provides access to application-specific resources and allows you to perform operations such as starting activities, broadcasting intents, and accessing system services. It's an essential component of Android app development, often passed around to various parts of the app to provide access to system resources and application-specific information.
17. **android.view.View:** Views are the basic building blocks of an Android UI. They represent interactive UI components, such as buttons, text fields, images, and layouts. Every element in an Android UI is a subclass of View or ViewGroup.
18. **java.util.ArrayList:** ArrayList is a resizable array implementation provided by the Java standard library. It's commonly used to store collections of objects in Android apps, offering dynamic resizing and convenient methods for adding, removing, and accessing elements in the list.

**8.List of Java Files**

**ADMIN:-**

**Adapter File**

* AddItemAdapter
* Delivery Adapter
* PendingOrderAdaptr

**Activity file**

* AddItemActivity
* AdminProfileActiviy
* AllltemActivity
* HelperClass
* HomePageActivity
* LoginActivity
* MainActivity
* OutForDeliveryActivity
* PendingOrderActivy
* PendingOrdersItemcivity
* SignUpActivity

**USER:-**

**Activity**

* BaseActivity
* CartActivity
* Detail Activity
* IntroActivity
* ListFoodsActivity
* LoginActivity
* MainActivity
* SignupActivity

**Adapter**

* BestFoodsAdapter
* CartAdapter
* Adapter
* FoodListAdapter

**Domain**

* Category
* Foods
* Location
* Price
* Time

**Helper**

* ChangeNumberltemsListener
* ManagmentCart
* TinyDB

**9.List Of Resource File**

**ADMIN:-**

**XML FILES**

* activity\_add\_item.ml
* activity\_admin\_profile.xml
* activity\_all\_item.xml
* activity\_home\_pagexml
* activity\_login.xml
* activity\_main.xml
* activity\_out\_for\_delivery.xml
* activity\_pending\_order.xml
* activity\_sign\_up.xml
* delivery\_item.xml
* item\_item.xml
* pending\_orders\_item.xml

**Drawable Admin File**

* drawable
* addimage.png
* arc.png
* arrow.png
* arrow\_down.xml
* arrow\_left.xml
* attanation2.xml
* attantion.xml
* basket.png
* btn\_1.png
* btn\_2.png
* btn\_3.png
* btn\_4.png
* btn\_5.png
* btn\_6.png
* btn\_7.png
* btn\_8.png
* cardgreen.xml
* cart.xml
* dollar.xml
* edit.xml
* edittextshape.xml
* edittextshape.xml
* eye.xml
* facebook.xml
* favorite\_white.png
* google.xml
* greencard.xml
* home.xml
* ic\_launcher\_backgrund.xml
* ic\_launcher\_foregrund.xml
* icon\_minus.xml
* icon\_plus.xml
* intro\_pic.png
* location.png
* lock.xml
* log\_out.xml
* logo.png
* logout.png
* mail.xml
* menu1.jpg
* menu2.jpg
* menu3.jpg
* edittextshape.xml
* eye.xml
* facebook.xml
* favorite\_white.png
* google.xml
* greencard.xml
* home.xml
* ic\_launcher\_background.xml
* ic\_launcher\_foreground.xml
* icon\_minus.xml
* icon\_plus.xml
* intro\_pic.png
* location.png
* lock.xml
* log\_out.xml
* logo.png
* logout.png
* mail.xml
* menu1.jpg
* menu2.jpg
* menu3.jpg

**Font file**

* inter\_black.ttf
* inter\_bold.ttf
* inter\_extrabold.ttf
* inter\_extralight.ttf
* inter\_light.ttf
* inter\_medium.ttf
* inter\_regular.ttf
* inter\_semibold.ttf
* lato\_black.ttf
* lato\_bold.ttf
* Tlato\_light.ttf
* lato\_regular.ttf

**Mipmap**

* ic\_launcher (6)
* ic\_launcher.webp (hdpi)
* ic\_launcher.webp (mdpi)
* ic\_launcher.webp (xhdpi)
* ic\_launcher.webp (xxhdpi)
* ic\_launcher.webp (xxxhdpi)
* ic\_launcher.xml (anydpi-v26)
* ic\_launcher\_round (6)
* ic\_launcher\_round.webp (hdpi)
* ic\_launcher\_round.webp (mdpi)
* ic\_launcher\_round.webp (xhdpi)
* ic\_launcher\_round.webp (xxhdpi)
* ic\_launcher\_round.webp (xxxhdpi)
* ic\_launcher\_round.xml (anydpi-v26)

**USER:-**

**Drawable**

* arc.png
* arrow.png
* basket.png
* btn\_1.png
* btn\_2.png
* btn\_3.png
* btn\_4.png
* btn\_5.png
* btn\_6.png
* btn\_7.png
* btn\_8.png
* cart.png
* cat\_0\_background.xml
* cat\_1\_background.xml
* cat\_2\_background.xml
* cat\_3\_background.xml
* cat\_4\_background.ml
* cat\_5\_background.xml
* cat\_6\_background.xml
* cat\_7\_background.xml
* edittext\_background.xml
* edittext\_background.xml
* Facebook.png
* favorite\_white.png
* google.png
* grey\_background.xml
* ic\_launcher\_background.xml
* ic\_launcher\_foreground.xml
* intro\_pic.png
* location.png
* logo.png
* logout.png
* orange\_background.png
* plus\_background.xml
* red\_button\_background.xml
* red\_button\_background2.xml
* red\_button\_background.xml
* red\_button\_background2.xml
* search\_icon.png
* Settings.png
* star.png
* 0 time.png
* Twitter

**layout**

* activity\_cart.xml
* activity\_detail.xml
* activity\_intro.xml
* activity\_list\_foods.xml
* activity\_login.xml
* activity\_main.xml
* activity\_signup.xml
* sp\_item.xml
* viewholder\_best\_deal.xml
* viewholder\_cart.xml
* viewholder\_category.xml
* viewholder\_list\_food.xml

**mipmap**

* ic\_launcher (6)
* ic\_launcher\_round

**values**

* colors.xml
* strings.xml
* themes (2)
* themes.xml
* themes.xml (night)

**xml**

* backup\_rules.xml
* data\_extraction\_rul s.xml

**10.MANIFEST FILE :**

**ADMIN**

*<?*xml version="1.0" encoding="utf-8"*?>*<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools">  
  
 <application  
 android:allowBackup="true"  
 android:dataExtractionRules="@xml/data\_extraction\_rules"  
 android:fullBackupContent="@xml/backup\_rules"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/Theme.AnywhereEatAdmin"  
 tools:targetApi="31">  
 <activity  
 android:name=".PendingOrdersItemActivity"  
 android:exported="false" />  
 <activity  
 android:name=".PendingOrderActivity"  
 android:exported="false" />  
 <activity  
 android:name=".AdminProfileActivity"  
 android:exported="false" />  
 <activity  
 android:name=".HomePageActivity"  
 android:exported="false" />  
 <activity  
 android:name=".OutForDeliveryActivity"  
 android:exported="false" />  
 <activity  
 android:name=".AllItemActivity"  
 android:exported="false" />  
 <activity  
 android:name=".AddItemActivity"  
 android:exported="false" />  
 <activity  
 android:name=".SignUpActivity"  
 android:exported="false" />  
 <activity  
 android:name=".LoginActivity"  
 android:exported="false" />  
 <activity  
 android:name=".MainActivity"  
 android:exported="true">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
 </activity>  
 </application>  
  
</manifest>

**USER :**

*<?*xml version="1.0" encoding="utf-8"*?>*<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools">  
  
 <application  
 android:allowBackup="true"  
 android:dataExtractionRules="@xml/data\_extraction\_rules"  
 android:fullBackupContent="@xml/backup\_rules"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/Theme.Project162"  
 tools:targetApi="31">  
 <activity  
 android:name=".Activity.CartActivity"  
 android:exported="false" />  
 <activity  
 android:name=".Activity.DetailActivity"  
 android:exported="false" />  
 <activity  
 android:name=".Activity.ListFoodsActivity"  
 android:exported="false" />  
 <activity  
 android:name=".Activity.MainActivity"  
 android:exported="true">  
  
 </activity>  
 <activity  
 android:name=".Activity.SignupActivity"  
 android:exported="false" />  
 <activity  
 android:name=".Activity.LoginActivity"  
 android:exported="false" />  
 <activity  
 android:name=".Activity.BaseActivity"  
 android:exported="false" />  
 <activity  
 android:name=".Activity.IntroActivity"  
 android:exported="true" > <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter></activity>  
 </application>  
  
</manifest>

**11.XML CODE**

**ADMIN:-**

**11.1 activity\_add\_item.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/white"  
 tools:context=".AddItemActivity">  
  
 <ScrollView  
 android:layout\_width="0dp"  
 android:layout\_height="match\_parent"  
 android:scrollbars="none"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent">  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <ImageButton  
 android:id="@+id/BackButton"  
 android:layout\_width="30dp"  
 android:layout\_height="30dp"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginTop="4dp"  
 android:background="@android:color/transparent"  
 android:scaleType="centerCrop"  
 android:src="@drawable/arrow\_left"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 tools:ignore="MissingConstraints" />  
  
 <TextView  
 android:id="@+id/textView13"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:fontFamily="@font/inter\_semibold"  
 android:text="Add Item"  
 android:textColor="@color/black"  
 android:textSize="40sp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.507"  
 app:layout\_constraintStart\_toEndOf="@+id/BackButton"  
 app:layout\_constraintTop\_toTopOf="@+id/BackButton" />  
  
 <EditText  
 android:id="@+id/enterFooDName"  
 android:layout\_width="0dp"  
 android:layout\_height="57dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="24dp"  
 android:layout\_marginEnd="8dp"  
 android:background="@drawable/edittextshape"  
 android:elevation="5dp"  
 android:hint="@string/enter\_food\_name"  
 android:outlineSpotShadowColor="@color/orange"  
 android:paddingLeft="15dp"  
 android:textSize="20sp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView13" />  
  
 <EditText  
 android:id="@+id/enterFooDPrice"  
  
 android:layout\_width="0dp"  
 android:layout\_height="57dp"  
 android:layout\_marginTop="24dp"  
 android:background="@drawable/edittextshape"  
 android:elevation="5dp"  
 android:hint="@string/enter\_food\_price"  
 android:outlineSpotShadowColor="@color/orange"  
 android:paddingLeft="15dp"  
 android:textSize="20sp"  
 app:layout\_constraintEnd\_toEndOf="@+id/enterFooDName"  
 app:layout\_constraintStart\_toStartOf="@+id/enterFooDName"  
 app:layout\_constraintTop\_toBottomOf="@+id/enterFooDName" />  
  
 <TextView  
 android:id="@+id/SelectImage"  
 android:layout\_width="0dp"  
 android:layout\_height="57dp"  
 android:layout\_marginTop="24dp"  
 android:background="@drawable/edittextshape"  
 android:drawableRight="@drawable/pluse\_round"  
 android:gravity="center\_vertical"  
 android:paddingLeft="15dp"  
 android:paddingRight="15dp"  
 android:text="Select Image"  
 android:textColor="@color/black"  
 app:layout\_constraintEnd\_toEndOf="@+id/enterFooDPrice"  
 app:layout\_constraintStart\_toStartOf="@+id/enterFooDPrice"  
 app:layout\_constraintTop\_toBottomOf="@+id/enterFooDPrice" />  
  
 <androidx.cardview.widget.CardView  
 android:id="@+id/cardView8"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="24dp"  
 app:cardCornerRadius="15dp"  
 app:layout\_constraintEnd\_toEndOf="@+id/SelectImage"  
 app:layout\_constraintStart\_toStartOf="@+id/SelectImage"  
 app:layout\_constraintTop\_toBottomOf="@+id/SelectImage">  
  
 <ImageView  
 android:id="@+id/SelectedImage"  
 android:layout\_width="175dp"  
 android:layout\_height="110dp"  
 android:scaleType="fitCenter"  
 android:src="@drawable/addimage" />  
  
  
 </androidx.cardview.widget.CardView>  
  
 <TextView  
 android:id="@+id/textView15"  
 android:layout\_width="0dp"  
 android:layout\_height="47dp"  
 android:layout\_marginTop="24dp"  
 android:background="@drawable/edittextshape"  
 android:gravity="center\_vertical"  
 android:paddingLeft="15dp"  
 android:paddingRight="15dp"  
 android:text="Short Description"  
 android:textColor="@color/black"  
 app:layout\_constraintEnd\_toEndOf="@+id/SelectImage"  
 app:layout\_constraintStart\_toStartOf="@+id/SelectImage"  
 app:layout\_constraintTop\_toBottomOf="@+id/cardView8" />  
  
 <EditText  
 android:id="@+id/description"  
 android:layout\_width="380dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:background="@color/white"  
 android:text="@string/dummy"  
 android:textColor="@color/black"  
 app:layout\_constraintEnd\_toEndOf="@+id/textView15"  
 app:layout\_constraintHorizontal\_bias="0.3"  
 app:layout\_constraintStart\_toStartOf="@+id/textView15"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView15" />  
  
 <TextView  
 android:id="@+id/textView16"  
 android:layout\_width="0dp"  
 android:layout\_height="47dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginRight="8dp"  
 android:background="@drawable/edittextshape"  
 android:gravity="center\_vertical"  
 android:paddingLeft="15dp"  
 android:text="Short Description"  
 android:textColor="@color/black"  
 app:layout\_constraintEnd\_toEndOf="@+id/textView15"  
 app:layout\_constraintStart\_toStartOf="@+id/textView15"  
 app:layout\_constraintTop\_toBottomOf="@+id/description" />  
  
 <EditText  
 android:id="@+id/ingredint"  
 android:layout\_width="200dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:background="@color/white"  
 android:text="Noddle\nSalad\nBurger\nHerbal Pan Cake\nMomos"  
 app:layout\_constraintEnd\_toEndOf="@+id/cardView8"  
 app:layout\_constraintStart\_toStartOf="@+id/textView16"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView16" />  
  
 <androidx.appcompat.widget.AppCompatButton  
 android:id="@+id/AddItemButton"  
 android:layout\_width="157dp"  
 android:layout\_height="57dp"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginBottom="16dp"  
 android:background="@drawable/yellowbutton"  
 android:text="Add Item"  
 android:textAllCaps="false"  
 android:textColor="@color/black"  
 android:textSize="20sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@id/ingredint">  
  
 </androidx.appcompat.widget.AppCompatButton>  
  
  
 </androidx.constraintlayout.widget.ConstraintLayout>  
 </ScrollView>  
  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**11.2 activity\_admin\_profile.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/white"  
 tools:context=".AdminProfileActivity">  
  
  
 <ImageButton  
  
 android:id="@+id/backButton"  
 android:layout\_width="24dp"  
 android:layout\_height="24dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="16dp"  
 android:background="@android:color/transparent"  
 android:scaleType="centerCrop"  
 android:src="@drawable/arrow\_left"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
  
 <TextView  
 android:id="@+id/textView13"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Admin Profile"  
 android:textSize="40sp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toEndOf="@id/backButton"  
 app:layout\_constraintTop\_toTopOf="@id/backButton" />  
  
  
 <TextView  
 android:id="@+id/textView12"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:text="Edit Your Profile"  
 app:layout\_constraintStart\_toStartOf="@+id/backButton"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView13" />  
  
  
 <TextView  
 android:id="@+id/editButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:drawableLeft="@drawable/edit"  
 android:text="Click here to edit"  
 android:gravity="center"  
 android:clickable="true"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView13" />  
  
 <LinearLayout  
 android:id="@+id/linearLayout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="6dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginTop="16dp"  
 android:elevation="2dp"  
 android:background="@drawable/edittextshape"  
 android:outlineSpotShadowColor="@color/black"  
 android:orientation="horizontal"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView12">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="47dp"  
 android:layout\_weight="2.5"  
 android:gravity="center"  
 android:paddingStart="15dp"  
 android:text="Name"  
 android:textColor="@color/black"  
 android:textSize="20sp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView13" />  
  
 <EditText  
 android:id="@+id/name"  
 android:layout\_width="match\_parent"  
 android:layout\_height="47dp"  
 android:layout\_weight="1"  
 android:background="@android:color/transparent"  
 android:inputType="text"  
 android:paddingStart="10dp"  
 android:paddingEnd="10dp"  
 android:text="TextView" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:id="@+id/linearLayout2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginStart="8dp"  
 android:elevation="2dp"  
 android:outlineSpotShadowColor="@color/black"  
 android:layout\_marginEnd="8dp"  
 android:gravity="center\_vertical"  
 android:background="@drawable/edittextshape"  
 android:orientation="horizontal"  
 app:layout\_constraintTop\_toBottomOf="@+id/linearLayout">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="47dp"  
 android:layout\_weight="2.5"  
 android:gravity="center"  
 android:paddingStart="15dp"  
 android:text="Address"  
 android:textColor="@color/black"  
 android:textSize="20sp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView13" />  
  
 <EditText  
 android:id="@+id/address"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@android:color/transparent"  
 android:inputType="textMultiLine"  
 android:padding="4dp"  
 android:text="Please enter your address here" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:id="@+id/linearLayout3"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginEnd="8dp"  
 android:elevation="2dp"  
 android:outlineSpotShadowColor="@color/black"  
 android:background="@drawable/edittextshape"  
 android:orientation="horizontal"  
 app:layout\_constraintTop\_toBottomOf="@+id/linearLayout2">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="47dp"  
 android:layout\_weight="2.5"  
 android:gravity="center"  
 android:paddingStart="15dp"  
 android:text="Email"  
 android:textColor="@color/black"  
 android:textSize="20sp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView13" />  
  
 <EditText  
 android:id="@+id/email"  
 android:layout\_width="match\_parent"  
 android:layout\_height="47dp"  
 android:layout\_weight="1"  
 android:background="@android:color/transparent"  
 android:inputType="textEmailAddress"  
 android:paddingStart="10dp"  
 android:paddingEnd="10dp"  
 android:text="TextView@gmail.com" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:id="@+id/linearLayout4"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginEnd="8dp"  
 android:elevation="2dp"  
 android:outlineSpotShadowColor="@color/black"  
 android:background="@drawable/edittextshape"  
 android:orientation="horizontal"  
 app:layout\_constraintTop\_toBottomOf="@+id/linearLayout3">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="47dp"  
 android:layout\_weight="2.5"  
 android:gravity="center"  
 android:paddingStart="15dp"  
 android:text="Phone"  
 android:textColor="@color/black"  
 android:textSize="20sp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView13" />  
  
 <EditText  
 android:id="@+id/phone"  
 android:layout\_width="match\_parent"  
 android:layout\_height="47dp"  
 android:layout\_weight="1"  
 android:background="@android:color/transparent"  
 android:inputType="phone"  
 android:paddingStart="10dp"  
 android:paddingEnd="10dp"  
 android:text="1234567890" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginEnd="8dp"  
 android:elevation="2dp"  
 android:outlineSpotShadowColor="@color/black"  
 android:background="@drawable/edittextshape"  
 android:orientation="horizontal"  
 app:layout\_constraintTop\_toBottomOf="@+id/linearLayout4">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="47dp"  
 android:layout\_weight="2.5"  
 android:gravity="center"  
 android:paddingStart="15dp"  
 android:text="Password"  
 android:textColor="@color/black"  
 android:textSize="19sp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView13" />  
  
 <EditText  
 android:id="@+id/password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="47dp"  
 android:layout\_weight="1"  
 android:background="@android:color/transparent"  
 android:inputType="textPassword"  
 android:paddingStart="10dp"  
 android:paddingEnd="10dp"  
 android:text="TextView" />  
 </LinearLayout>  
  
 <androidx.appcompat.widget.AppCompatButton  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginRight="8dp"  
 android:layout\_marginBottom="112dp"  
 android:background="@drawable/greencard"  
 android:text="Save Information"  
 android:textAllCaps="false"  
 android:textSize="20dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.0"  
 app:layout\_constraintStart\_toStartOf="parent" />  
  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**11.3 activity\_all\_item.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/white"  
 tools:context=".AllItemActivity">  
  
 <ImageButton  
 android:id="@+id/BackButton"  
 android:layout\_width="30dp"  
 android:layout\_height="30dp"  
 android:layout\_marginStart="16dp"  
 android:background="@android:color/transparent"  
 android:scaleType="centerCrop"  
 android:src="@drawable/arrow\_left"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 tools:ignore="MissingConstraints"  
 tools:layout\_editor\_absoluteY="16dp" />  
  
 <TextView  
 android:id="@+id/textView13"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="All Item"  
 android:textColor="@color/black"  
 android:textSize="40sp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toEndOf="@+id/BackButton"  
 app:layout\_constraintTop\_toTopOf="@+id/BackButton" />  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/MenuRecyclerView"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 android:layout\_marginTop="16dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="1.0"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView13"  
 app:layout\_constraintVertical\_bias="1.0"  
 tools:listitem="@layout/item\_item"  
 />  
  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**11.4 activity\_home\_page.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/white"  
 tools:context=".HomePageActivity">  
  
  
 <ImageView  
 android:id="@+id/imageView2"  
 android:layout\_width="60dp"  
 android:layout\_height="60dp"  
 android:layout\_marginStart="28dp"  
 android:layout\_marginTop="16dp"  
 android:src="@drawable/logo"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 tools:ignore="MissingConstraints" />  
  
  
 <TextView  
 android:id="@+id/textView6"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="AnyWhereEat"  
 android:textColor="@color/black"  
 android:textSize="40sp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toEndOf="@+id/imageView2"  
 app:layout\_constraintTop\_toTopOf="@+id/imageView2" />  
  
 <androidx.cardview.widget.CardView  
 android:id="@+id/cardView"  
 android:layout\_width="0dp"  
 android:layout\_height="108dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginEnd="8dp"  
 app:cardBackgroundColor="@color/yellow"  
 app:cardCornerRadius="20dp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView6"  
 tools:ignore="MissingConstraints">  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <androidx.constraintlayout.widget.Guideline  
 android:id="@+id/guideline2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 app:layout\_constraintGuide\_begin="8dp" />  
  
 <androidx.constraintlayout.widget.Guideline  
 android:id="@+id/guideline3"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 app:layout\_constraintGuide\_begin="8dp" />  
  
 <androidx.constraintlayout.widget.Guideline  
 android:id="@+id/guideline4"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 app:layout\_constraintGuide\_end="8dp" />  
  
 <ImageView  
 android:id="@+id/imageView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:src="@drawable/attantion"  
 app:layout\_constraintEnd\_toEndOf="@+id/pendingOrderTextView"  
 app:layout\_constraintStart\_toStartOf="@+id/guideline3"  
 app:layout\_constraintTop\_toTopOf="@+id/guideline2" />  
  
 <TextView  
 android:id="@+id/pendingOrderTextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginTop="4dp"  
 android:text="Pending Order"  
 android:textColor="@color/black"  
 android:textSize="16sp"  
 app:layout\_constraintStart\_toStartOf="@+id/guideline3"  
 app:layout\_constraintTop\_toBottomOf="@+id/imageView3" />  
  
 <TextView  
 android:id="@+id/textView7"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:text="30"  
 android:textColor="@color/black"  
 android:textSize="16sp"  
 app:layout\_constraintEnd\_toEndOf="@+id/pendingOrderTextView"  
 app:layout\_constraintStart\_toStartOf="@+id/guideline3"  
 app:layout\_constraintTop\_toBottomOf="@+id/pendingOrderTextView" />  
  
 <ImageView  
 android:id="@+id/imageView4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:src="@drawable/right"  
 app:layout\_constraintBottom\_toTopOf="@+id/textView9"  
 app:layout\_constraintEnd\_toEndOf="@+id/textView9"  
 app:layout\_constraintHorizontal\_bias="0.535"  
 app:layout\_constraintStart\_toStartOf="@+id/textView9"  
 app:layout\_constraintTop\_toTopOf="@+id/guideline2"  
 app:layout\_constraintVertical\_bias="0.0" />  
  
 <TextView  
 android:id="@+id/textView9"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="28dp"  
 android:text="Completed\nOrder"  
 android:textAlignment="center"  
 android:textColor="@color/black"  
 android:textSize="16sp"  
 app:layout\_constraintBottom\_toBottomOf="@+id/textView11"  
 app:layout\_constraintStart\_toEndOf="@+id/pendingOrderTextView"  
 app:layout\_constraintTop\_toTopOf="@+id/textView11" />  
  
 <TextView  
 android:id="@+id/textView12"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="4dp"  
 android:text="30"  
 android:textColor="@color/black"  
 android:textSize="16sp"  
 app:layout\_constraintEnd\_toEndOf="@+id/textView9"  
 app:layout\_constraintStart\_toStartOf="@+id/textView9"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView9" />  
  
 <ImageView  
 android:id="@+id/imageView5"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:src="@drawable/dollar"  
 app:layout\_constraintEnd\_toEndOf="@+id/textView11"  
 app:layout\_constraintStart\_toStartOf="@+id/textView11"  
 app:layout\_constraintTop\_toTopOf="@+id/guideline2" />  
  
 <TextView  
 android:id="@+id/textView11"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Whole Time\nEarning"  
 android:textAlignment="center"  
 android:textColor="@color/black"  
 android:textSize="16sp"  
 app:layout\_constraintEnd\_toStartOf="@+id/guideline4"  
 app:layout\_constraintHorizontal\_bias="0.678"  
 app:layout\_constraintStart\_toEndOf="@+id/textView9"  
 app:layout\_constraintTop\_toBottomOf="@+id/imageView5" />  
  
 <TextView  
 android:id="@+id/textView10"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="4dp"  
 android:text="30$"  
 android:textColor="@color/black"  
 android:textSize="16sp"  
 app:layout\_constraintEnd\_toEndOf="@+id/textView11"  
 app:layout\_constraintStart\_toStartOf="@+id/textView11"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView11" />  
  
 </androidx.constraintlayout.widget.ConstraintLayout>  
 </androidx.cardview.widget.CardView>  
  
 <androidx.cardview.widget.CardView  
 android:id="@+id/AddMenuCardView"  
 android:layout\_width="150dp"  
 android:layout\_height="100dp"  
 android:layout\_marginTop="60dp"  
 android:outlineSpotShadowColor="@color/black"  
 app:cardCornerRadius="15dp"  
 app:layout\_constraintEnd\_toStartOf="@+id/allItemMenuCardView"  
 app:layout\_constraintHorizontal\_bias="0.5"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/cardView">  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:id="@+id/addMenu"  
 android:layout\_width="match\_parent"  
 android:background="@drawable/greencard"  
 android:layout\_height="match\_parent">  
  
 <ImageView  
 android:id="@+id/imageView7"  
 android:layout\_width="24dp"  
 android:layout\_height="24dp"  
 android:layout\_marginTop="10dp"  
 android:src="@drawable/pluse\_round"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/textView1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Add Menu"  
 android:layout\_marginTop="28dp"  
 android:textColor="@color/black"  
 app:layout\_constraintEnd\_toEndOf="@+id/imageView7"  
 app:layout\_constraintStart\_toStartOf="@+id/imageView7"  
 app:layout\_constraintTop\_toBottomOf="@+id/imageView7" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
 </androidx.cardview.widget.CardView>  
  
 <androidx.cardview.widget.CardView  
 android:id="@+id/allItemMenuCardView"  
 android:layout\_width="150dp"  
 android:layout\_height="100dp"  
 android:layout\_marginStart="8dp"  
 android:outlineSpotShadowColor="@color/black"  
 app:cardCornerRadius="15dp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.5"  
 app:layout\_constraintStart\_toEndOf="@+id/AddMenuCardView"  
 app:layout\_constraintTop\_toTopOf="@+id/AddMenuCardView">  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:background="@drawable/greencard"  
 android:layout\_height="match\_parent">  
  
 <ImageView  
 android:id="@+id/imageView6"  
 android:layout\_width="24dp"  
 android:layout\_height="24dp"  
 android:layout\_marginTop="10dp"  
 android:src="@drawable/eye"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="All Item Menu"  
 android:layout\_marginTop="28dp"  
 android:textColor="@color/black"  
 app:layout\_constraintEnd\_toEndOf="@+id/imageView6"  
 app:layout\_constraintStart\_toStartOf="@+id/imageView6"  
 app:layout\_constraintTop\_toBottomOf="@+id/imageView6" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
 </androidx.cardview.widget.CardView>  
  
 <androidx.cardview.widget.CardView  
 android:id="@+id/profile"  
 android:layout\_width="150dp"  
 android:layout\_height="100dp"  
 android:layout\_marginTop="60dp"  
 android:outlineSpotShadowColor="@color/black"  
 app:cardCornerRadius="15dp"  
 app:layout\_constraintStart\_toStartOf="@+id/AddMenuCardView"  
 app:layout\_constraintTop\_toBottomOf="@+id/AddMenuCardView">  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:background="@drawable/greencard"  
 android:layout\_height="match\_parent">  
  
 <ImageView  
 android:id="@+id/imageView11"  
 android:layout\_width="24dp"  
 android:layout\_height="24dp"  
 android:layout\_marginTop="10dp"  
 android:src="@drawable/user"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Profile"  
 android:layout\_marginTop="28dp"  
 android:textColor="@color/black"  
 app:layout\_constraintEnd\_toEndOf="@+id/imageView11"  
 app:layout\_constraintStart\_toStartOf="@+id/imageView11"  
 app:layout\_constraintTop\_toBottomOf="@+id/imageView11" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
 </androidx.cardview.widget.CardView>  
  
 <androidx.cardview.widget.CardView  
 android:id="@+id/pendingOrderCartView"  
 android:layout\_width="150dp"  
 android:layout\_height="100dp"  
 android:outlineSpotShadowColor="@color/black"  
 app:cardCornerRadius="15dp"  
 app:layout\_constraintEnd\_toEndOf="@+id/allItemMenuCardView"  
 app:layout\_constraintHorizontal\_bias="1.0"  
 app:layout\_constraintStart\_toEndOf="@+id/profile"  
 app:layout\_constraintTop\_toTopOf="@+id/profile">  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:background="@drawable/greencard"  
 android:layout\_height="match\_parent">  
  
 <ImageView  
 android:id="@+id/imageView12"  
 android:layout\_width="24dp"  
 android:layout\_height="24dp"  
 android:layout\_marginTop="10dp"  
 android:src="@drawable/attanation2"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/textView4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Pending Order"  
 android:layout\_marginTop="28dp"  
 android:textColor="@color/black"  
 app:layout\_constraintEnd\_toEndOf="@+id/imageView12"  
 app:layout\_constraintStart\_toStartOf="@+id/imageView12"  
 app:layout\_constraintTop\_toBottomOf="@+id/imageView12" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
 </androidx.cardview.widget.CardView>  
  
 <androidx.cardview.widget.CardView  
 android:id="@+id/outForDeliveryButton"  
 android:layout\_width="150dp"  
 android:layout\_height="100dp"  
 android:layout\_marginTop="60dp"  
 android:outlineSpotShadowColor="@color/black"  
 app:cardCornerRadius="15dp"  
 app:layout\_constraintStart\_toStartOf="@+id/profile"  
 app:layout\_constraintTop\_toBottomOf="@+id/profile">  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:background="@drawable/greencard"  
 android:layout\_height="match\_parent">  
  
 <ImageView  
 android:id="@+id/imageView13"  
 android:layout\_width="24dp"  
 android:layout\_height="24dp"  
 android:layout\_marginTop="10dp"  
 android:src="@drawable/shopping\_bag"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/textView5"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Order Dispatch"  
 android:layout\_marginTop="28dp"  
 android:textColor="@color/black"  
 app:layout\_constraintEnd\_toEndOf="@+id/imageView13"  
 app:layout\_constraintStart\_toStartOf="@+id/imageView13"  
 app:layout\_constraintTop\_toBottomOf="@+id/imageView13" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
 </androidx.cardview.widget.CardView>  
  
 <androidx.cardview.widget.CardView  
 android:id="@+id/logoutCardView"  
 android:layout\_width="150dp"  
 android:layout\_height="100dp"  
 android:outlineSpotShadowColor="@color/black"  
 app:cardCornerRadius="15dp"  
 app:layout\_constraintEnd\_toEndOf="@+id/pendingOrderCartView"  
 app:layout\_constraintHorizontal\_bias="1.0"  
 app:layout\_constraintStart\_toEndOf="@+id/outForDeliveryButton"  
 app:layout\_constraintTop\_toTopOf="@+id/outForDeliveryButton">  
 <androidx.constraintlayout.widget.ConstraintLayout  
  
 android:layout\_width="match\_parent"  
 android:background="@drawable/greencard"  
 android:layout\_height="match\_parent">  
  
 <ImageView  
 android:id="@+id/imageView14"  
 android:layout\_width="24dp"  
 android:layout\_height="24dp"  
 android:layout\_marginTop="10dp"  
 android:src="@drawable/log\_out"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/textView15"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Logout"  
 android:layout\_marginTop="28dp"  
 android:textColor="@color/black"  
 app:layout\_constraintEnd\_toEndOf="@+id/imageView14"  
 app:layout\_constraintStart\_toStartOf="@+id/imageView14"  
 app:layout\_constraintTop\_toBottomOf="@+id/imageView14" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
 </androidx.cardview.widget.CardView>  
</androidx.constraintlayout.widget.ConstraintLayout>

**11.5 activity\_login.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<layout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools">  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/white"  
 tools:context=".LoginActivity">  
  
 <ScrollView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent" >  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <ImageView  
 android:id="@+id/imageView4"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 app:srcCompat="@drawable/logo" />  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:gravity="center"  
 android:layout\_marginTop="16dp"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Food"  
 android:layout\_marginEnd="8dp"  
 android:textSize="45sp"  
 android:textStyle="bold"  
 android:textColor="@color/blue\_grey"/>  
  
 <TextView  
 android:id="@+id/textView4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="App"  
 android:textColor="@color/blue\_grey"  
 android:textSize="45sp"/>  
 </LinearLayout>  
  
 <EditText  
 android:id="@+id/userEdt"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:layout\_marginStart="32dp"  
 android:layout\_marginTop="32dp"  
 android:layout\_marginEnd="32dp"  
 android:background="@drawable/greencard"  
 android:ems="10"  
 android:hint="Email address"  
 android:inputType="text"  
 android:textAlignment="center"  
 android:textColorHint="@color/blue\_grey"  
 android:textSize="16sp" />  
 <EditText  
 android:id="@+id/passEdt"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginEnd="32dp"  
 android:layout\_marginStart="32dp"  
 android:hint="Password"  
 android:textAlignment="center"  
 android:textColorHint="@color/blue\_grey"  
 android:textSize="16sp"  
 android:ems="10"  
 android:background="@drawable/greencard"  
 android:inputType="textPassword"  
 />  
  
 <TextView  
 android:id="@+id/textView5"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Forgot Password?"  
 android:textSize="16sp"  
 android:layout\_marginTop="32dp"  
 android:textAlignment="center"/>  
  
 <androidx.appcompat.widget.AppCompatButton  
 android:id="@+id/loginBtn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Login"  
 android:background="@drawable/yellowbuttonshape"  
 android:layout\_margin="32dp"  
 style="@android:style/Widget.Button"  
 android:textColor="@color/white"  
 android:textSize="16sp"  
 android:textStyle="bold"/>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginEnd="32dp"  
 android:layout\_marginStart="32dp"  
 android:orientation="horizontal">  
  
 <View  
 android:id="@+id/view2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="1dp"  
 android:layout\_gravity="center\_vertical"  
 android:layout\_weight="1"  
 android:background="#B2B5B9" />  
  
 <TextView  
 android:id="@+id/textView6"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="0dp"  
 android:text="OR"  
 android:textSize="18sp" />  
  
 <View  
 android:id="@+id/view3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="1dp"  
 android:layout\_gravity="center\_vertical"  
 android:layout\_weight="1"  
 android:background="#B2B5B9" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_margin="32dp"  
 android:orientation="horizontal">  
  
 <ImageView  
 android:id="@+id/facebook"  
 android:layout\_width="108dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
  
 app:srcCompat="@drawable/facebook" />  
  
 <ImageView  
 android:id="@+id/google"  
 android:layout\_width="105dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
  
 app:srcCompat="@drawable/google" />  
  
 <ImageView  
 android:id="@+id/twitter"  
 android:layout\_width="110dp"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
  
 app:srcCompat="@drawable/twitter" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:gravity="center"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/textView7"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="You aren't a user? "  
 android:textSize="16sp"  
 android:textColor="@color/blue\_grey"/>  
  
 <TextView  
 android:id="@+id/signup"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Sign up"  
 android:textColor="@color/brown"  
 android:textSize="16sp"/>  
 </LinearLayout>  
 </LinearLayout>  
 </ScrollView>  
 </androidx.constraintlayout.widget.ConstraintLayout>  
</layout>

**11.6 activity\_main.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<layout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools">  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/white"  
 tools:context=".MainActivity">  
  
 <ImageView  
 android:id="@+id/imageView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:scaleType="fitXY"  
  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:srcCompat="@drawable/orange\_background" />  
  
 <ImageView  
 android:id="@+id/imageView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:srcCompat="@drawable/intro\_pic" />  
  
 <ImageView  
 android:id="@+id/imageView3"  
 android:layout\_width="429dp"  
 android:layout\_height="916dp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:srcCompat="@drawable/arc" />  
  
 <View  
 android:id="@+id/view"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="0dp"  
 android:background="#f75564"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.0"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/imageView3"  
 app:layout\_constraintVertical\_bias="0.0" />  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Welcome To Food App"  
 android:textColor="@color/black"  
 android:textSize="33sp"  
 android:textStyle="bold"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.493"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/imageView" />  
  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="32dp"  
 android:layout\_marginEnd="32dp"  
 android:text="Shared and delightful, for an easy and  
 enjoyable food ordering experience."  
 android:textColor="@color/black"  
 android:textSize="14sp"  
 android:textAlignment="center"  
 android:layout\_marginTop="16dp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView" />  
  
 <TextView  
 android:id="@+id/loginBtn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="24dp"  
 android:layout\_marginBottom="24dp"  
 android:text="Login"  
 android:textStyle="bold"  
 android:textSize="16sp"  
 android:textColor="@color/black"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent" />  
  
 <TextView  
 android:id="@+id/signupBtn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="24dp"  
 android:layout\_marginBottom="24dp"  
 android:text="Signup"  
 android:textColor="@color/black"  
 android:textStyle="bold"  
 android:textSize="16sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
</layout>

**11.7 activity\_out\_for\_delivery.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/white"  
 tools:context=".OutForDeliveryActivity">  
  
 <ImageButton  
 android:id="@+id/backButton"  
 android:layout\_width="24dp"  
 android:layout\_height="24dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="16dp"  
 android:background="@android:color/transparent"  
 android:scaleType="centerCrop"  
 android:src="@drawable/arrow\_left"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/textView13"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Out For Delivery"  
 android:textSize="40sp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toEndOf="@id/backButton"  
 app:layout\_constraintTop\_toTopOf="@id/backButton" />  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/deliveryRecyclerView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:layout\_marginTop="8dp"  
 tools:listitem="@layout/delivery\_item"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView13" />  
  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**11.8 activity\_pending\_order.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".PendingOrderActivity">  
  
 <ImageButton  
 android:id="@+id/backButton"  
 android:layout\_width="24dp"  
 android:layout\_height="24dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="16dp"  
 android:background="@android:color/transparent"  
 android:scaleType="centerCrop"  
 android:src="@drawable/arrow\_left"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
  
 <TextView  
 android:id="@+id/textView13"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Pending Orders"  
 android:textSize="40sp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toEndOf="@id/backButton"  
 app:layout\_constraintTop\_toTopOf="@id/backButton" />  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/pendingOrderRecyclerView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:layout\_marginTop="8dp"  
 tools:listitem="@layout/pending\_orders\_item"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView13" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**11.9 activity\_sign\_up.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<layout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools">  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/white"  
 tools:context=".SignUpActivity">  
  
 <ScrollView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent" >  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <ImageView  
 android:id="@+id/imageView4"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="48dp"  
  
 app:srcCompat="@drawable/logo" />  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:gravity="center"  
 android:layout\_marginTop="16dp"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Food"  
 android:layout\_marginEnd="8dp"  
 android:textSize="45sp"  
 android:textStyle="bold"  
 android:textColor="@color/blue\_grey"/>  
  
 <TextView  
 android:id="@+id/textView4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="App"  
 android:textColor="@color/blue\_grey"  
 android:textSize="45sp"/>  
 </LinearLayout>  
  
 <EditText  
 android:id="@+id/userEdt"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:layout\_marginTop="32dp"  
 android:layout\_marginEnd="32dp"  
 android:layout\_marginStart="32dp"  
 android:hint="Email address"  
 android:textAlignment="center"  
 android:textColorHint="@color/blue\_grey"  
 android:textSize="16sp"  
 android:ems="10"  
 android:background="@drawable/greencard"  
 android:inputType="text"  
 />  
 <EditText  
 android:id="@+id/passEdt"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginEnd="32dp"  
 android:layout\_marginStart="32dp"  
 android:hint="Password"  
 android:textAlignment="center"  
 android:textColorHint="@color/blue\_grey"  
 android:textSize="16sp"  
 android:ems="10"  
 android:background="@drawable/greencard"  
 android:inputType="textPassword"  
 />  
  
 <androidx.appcompat.widget.AppCompatButton  
 android:id="@+id/signupBtn"  
 style="@android:style/Widget.Button"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="32dp"  
 android:background="@drawable/yellowbuttonshape"  
 android:text="Signup"  
 android:textColor="@color/white"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:gravity="center"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/textView7"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Are you a member? "  
 android:textSize="16sp"  
 android:textColor="@color/blue\_grey"/>  
  
 <TextView  
 android:id="@+id/textLogin"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:text="Login"  
 android:textColor="@color/brown"  
 android:textSize="16sp" />  
 </LinearLayout>  
 </LinearLayout>  
 </ScrollView>  
 </androidx.constraintlayout.widget.ConstraintLayout>  
</layout>

**11.10 delivery\_item.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:background="@color/white"  
 android:layout\_height="wrap\_content">  
  
  
 <androidx.cardview.widget.CardView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginBottom="8dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginEnd="8dp"  
 app:cardCornerRadius="15dp"  
 android:outlineSpotShadowColor="@color/black"  
 app:cardElevation="2dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent">  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent" >  
 <TextView  
 android:id="@+id/customerName"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Customer Name"  
 android:textSize="16sp"  
 android:textColor="@color/black"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginStart="16dp"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Payment"  
 android:textSize="16sp"  
 android:textColor="#B3B3B3"  
 app:layout\_constraintStart\_toStartOf="@+id/customerName"  
 app:layout\_constraintTop\_toBottomOf="@+id/customerName" />  
  
 <TextView  
 android:id="@+id/statusMoney"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Not Received"  
 android:textSize="20sp"  
 android:textColor="#FF3B3B"  
 android:layout\_marginBottom="8dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="@id/textView"  
 app:layout\_constraintTop\_toBottomOf="@id/textView" />  
  
 <TextView  
 android:id="@+id/textView11"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Delivery"  
 android:textColor="@color/black"  
 android:layout\_marginEnd="16dp"  
 android:layout\_marginTop="16dp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <androidx.cardview.widget.CardView  
 android:id="@+id/StatusColor"  
 android:layout\_width="24dp"  
 android:layout\_height="24dp"  
 android:backgroundTint="#4CAF50"  
 app:cardCornerRadius="22dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="@+id/textView11"  
 app:layout\_constraintStart\_toStartOf="@+id/textView11"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView11" />  
  
  
  
 </androidx.constraintlayout.widget.ConstraintLayout>  
 </androidx.cardview.widget.CardView>  
</androidx.constraintlayout.widget.ConstraintLayout>

**11.11 item\_item.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:background="@color/white"  
 android:layout\_height="wrap\_content">  
  
 <androidx.cardview.widget.CardView  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 app:cardCornerRadius="15dp"  
 android:elevation="2dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginBottom="8dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent">  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <androidx.cardview.widget.CardView  
 android:id="@+id/cardView9"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginBottom="8dp"  
  
 app:cardCornerRadius="15dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent">  
  
 <ImageView  
 android:id="@+id/foodImageView"  
 android:layout\_width="64dp"  
 android:layout\_height="64dp"  
  
 android:scaleType="centerCrop"  
 android:src="@drawable/menu2" />  
  
 </androidx.cardview.widget.CardView>  
  
 <TextView  
 android:id="@+id/foodnameTextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:text="Spicy fresh Crab"  
 android:textColor="@color/black"  
 android:textSize="16sp"  
 app:layout\_constraintStart\_toEndOf="@+id/cardView9"  
 app:layout\_constraintTop\_toTopOf="@+id/cardView9" />  
  
  
 <TextView  
 android:id="@+id/priceTextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:text="₹ 350 / pcs"  
 android:textColor="@color/orange"  
 android:textSize="20sp"  
 app:layout\_constraintBottom\_toBottomOf="@+id/cardView9"  
 app:layout\_constraintStart\_toEndOf="@+id/cardView9" />  
  
 <ImageButton  
 android:id="@+id/minusButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@android:color/transparent"  
 android:src="@drawable/icon\_minus"  
 android:layout\_marginEnd="8dp"  
 app:layout\_constraintBottom\_toBottomOf="@+id/quantityTextView"  
 app:layout\_constraintEnd\_toStartOf="@+id/quantityTextView"  
 app:layout\_constraintTop\_toTopOf="@+id/quantityTextView" />  
  
 <ImageButton  
 android:id="@+id/plusButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/icon\_plus"  
 android:background="@android:color/transparent"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginEnd="16dp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/quantityTextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="10"  
 android:layout\_marginEnd="8dp"  
 app:layout\_constraintBottom\_toBottomOf="@+id/plusButton"  
 app:layout\_constraintEnd\_toStartOf="@+id/plusButton"  
 app:layout\_constraintTop\_toTopOf="@+id/plusButton" />  
  
 <ImageButton  
 android:id="@+id/deleteButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:background="@android:color/transparent"  
 android:src="@drawable/trash"  
 app:layout\_constraintEnd\_toEndOf="@+id/plusButton"  
 app:layout\_constraintHorizontal\_bias="0.531"  
 app:layout\_constraintStart\_toStartOf="@+id/minusButton"  
 app:layout\_constraintTop\_toBottomOf="@+id/minusButton" />  
  
  
 </androidx.constraintlayout.widget.ConstraintLayout>  
 </androidx.cardview.widget.CardView>  
</androidx.constraintlayout.widget.ConstraintLayout>

**11.12 pending\_orders\_item.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 xmlns:app="http://schemas.android.com/apk/res-auto">  
  
 <androidx.cardview.widget.CardView  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 app:cardCornerRadius="15dp"  
 android:elevation="2dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginBottom="8dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent">  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <androidx.cardview.widget.CardView  
 android:id="@+id/cardView9"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginBottom="8dp"  
  
 app:cardCornerRadius="15dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent">  
  
 <ImageView  
 android:id="@+id/orderdFoodImage"  
 android:layout\_width="64dp"  
 android:layout\_height="64dp"  
 android:scaleType="centerCrop"  
 android:src="@drawable/menu2" />  
  
 </androidx.cardview.widget.CardView>  
  
 <TextView  
 android:id="@+id/customerName"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:text="Name of customer"  
 android:textColor="@color/black"  
 android:textSize="16sp"  
 app:layout\_constraintStart\_toEndOf="@+id/cardView9"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintBottom\_toTopOf="@id/textView18"/>  
  
 <TextView  
 android:id="@+id/textView18"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:text="quantity"  
 android:textColor="@color/black"  
 android:textSize="16sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toEndOf="@+id/cardView9"  
 app:layout\_constraintTop\_toBottomOf="@+id/customerName" />  
  
  
 <TextView  
 android:id="@+id/pendingOrderQuantity"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginLeft="8dp"  
 android:text="8"  
 android:textColor="@color/orange"  
 android:textSize="20sp"  
 app:layout\_constraintBottom\_toBottomOf="@+id/textView18"  
 app:layout\_constraintStart\_toEndOf="@+id/textView18" />  
  
  
 <androidx.appcompat.widget.AppCompatButton  
 android:id="@+id/orderedAcceptButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="30dp"  
 android:text="Accept"  
 android:textColor="@color/black"  
 android:textAllCaps="false"  
 android:background="@drawable/greencard"  
 android:layout\_marginRight="24dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
  
 </androidx.constraintlayout.widget.ConstraintLayout>  
 </androidx.cardview.widget.CardView>  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**USER:-**

**layout**

**11.14 activity\_cart.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".Activity.CartActivity">  
  
 <TextView  
 android:id="@+id/emptyTxt"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="your cart is Empty"  
 android:textColor="@color/blue\_grey"  
 android:visibility="gone"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <ScrollView  
 android:id="@+id/scrollviewCart"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:padding="16dp">  
  
 <TextView  
 android:id="@+id/textView14"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Cart"  
 android:textAlignment="center"  
 android:textColor="@color/blue\_grey"  
 android:textSize="24sp"  
 android:textStyle="bold" />  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/cardView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="#FFF5D7"  
 android:clipToPadding="false" />  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginTop="16dp"  
 android:orientation="horizontal">  
  
 <EditText  
 android:id="@+id/editTextText"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="40dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_weight="1"  
 android:background="@drawable/grey\_background"  
 android:ems="10"  
 android:hint="Enter Your Code"  
 android:inputType="text"  
 android:textAlignment="center"  
 android:textColor="@color/blue\_grey"  
 android:textColorHint="@color/blue\_grey"  
 android:textSize="14sp" />  
  
 <androidx.appcompat.widget.AppCompatButton  
 android:id="@+id/button"  
 style="@android:style/Widget.Button"  
 android:layout\_width="145dp"  
 android:layout\_height="40dp"  
 android:background="@drawable/red\_button\_background"  
  
 android:text="Apply Coupon"  
 android:textColor="@color/white" />  
 </LinearLayout>  
  
 <TextView  
 android:id="@+id/textView16"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp"  
 android:text="Order Summary"  
 android:textColor="@color/blue\_grey"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp"  
 android:background="#FFF5D7">  
  
 <TextView  
 android:id="@+id/textView17"  
 style="@style/textStyle"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="16dp"  
 android:text="Subtotal"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/textView19"  
 style="@style/textStyle"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:text="Delivery"  
 app:layout\_constraintStart\_toStartOf="@+id/textView17"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView17" />  
  
 <TextView  
 android:id="@+id/textView21"  
 style="@style/textStyle"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:text="Total Tax"  
 app:layout\_constraintStart\_toStartOf="@+id/textView19"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView19" />  
  
 <TextView  
 android:id="@+id/totalFeeTxt"  
 style="@style/textStyle"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="16dp"  
 android:text="₹-"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toTopOf="@+id/textView17" />  
  
 <TextView  
 android:id="@+id/deliveryTxt"  
 style="@style/textStyle"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:text="₹-"  
 app:layout\_constraintEnd\_toEndOf="@+id/totalFeeTxt"  
 app:layout\_constraintTop\_toBottomOf="@+id/totalFeeTxt" />  
  
 <TextView  
 android:id="@+id/taxTxt"  
 style="@style/textStyle"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:text="₹-"  
 app:layout\_constraintEnd\_toEndOf="@+id/deliveryTxt"  
 app:layout\_constraintTop\_toBottomOf="@+id/deliveryTxt" />  
  
 <View  
 android:id="@+id/view4"  
 android:layout\_width="0dp"  
 android:layout\_height="1dp"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="16dp"  
 android:background="#ABABAB"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView21" />  
  
 <TextView  
 android:id="@+id/textView26"  
 style="@style/textStyleBold"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:text="Total"  
 app:layout\_constraintStart\_toStartOf="@+id/textView21"  
 app:layout\_constraintTop\_toBottomOf="@+id/view4" />  
  
 <TextView  
 android:id="@+id/totalTxt"  
 style="@style/textStyleBold"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="16dp"  
 android:layout\_marginBottom="8dp"  
 android:text="₹-"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toTopOf="@+id/textView26" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
  
 <androidx.appcompat.widget.AppCompatButton  
 android:id="@+id/button2"  
 style="@android:style/Widget.Button"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp"  
 android:background="@drawable/red\_button\_background"  
 android:text="Place Order"  
 android:textColor="@color/white"  
 android:textSize="18sp" />  
 </LinearLayout>  
 </ScrollView>  
  
 <ImageView  
 android:id="@+id/backBtn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="16dp"  
 android:padding="4dp"  
  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:srcCompat="@drawable/arrow" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**11.15 activity\_detail.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".Activity.DetailActivity">  
  
 <ScrollView  
 android:id="@+id/scrollView2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:paddingBottom="90dp">  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <ImageView  
 android:id="@+id/pic"  
 android:layout\_width="match\_parent"  
 android:layout\_height="400dp"  
 android:scaleType="centerCrop"  
   
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <ImageView  
 android:id="@+id/favBtn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="8dp"  
   
 app:layout\_constraintBottom\_toBottomOf="@+id/pic"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/pic"  
 app:srcCompat="@drawable/favorite\_white" />  
  
 <ImageView  
 android:id="@+id/backBtn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="24dp"  
 android:layout\_marginTop="24dp"  
 android:padding="8dp"  
  
 app:tint="@color/white"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:srcCompat="@drawable/arrow" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="16dp"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/titleTxt"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:text="title"  
 android:textColor="@color/blue\_grey"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/priceTxt"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
  
 android:text="₹40"  
 android:textColor="@color/red"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
 </LinearLayout>  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginEnd="16dp">  
  
 <RatingBar  
 android:id="@+id/ratingBar"  
 style="@android:style/Widget.DeviceDefault.Light.RatingBar.Indicator"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:numStars="5"  
 android:progressTint="#FFC106"  
 android:rating="3.5"  
 android:stepSize="0.1"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/rateTxt"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="5 Rating"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toEndOf="@+id/ratingBar"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <ImageView  
 android:id="@+id/imageView13"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/time"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:tint="@color/red" />  
  
 <TextView  
 android:id="@+id/timeTxt"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="8dp"  
 android:text="15 min"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toStartOf="@+id/imageView13"  
 app:layout\_constraintTop\_toTopOf="parent" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
  
 <TextView  
 android:id="@+id/textView18"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="16dp"  
 android:text="Details"  
 android:textColor="@color/blue\_grey"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/descriptionTxt"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="16dp"  
 android:text="Indulge in comfort with the Chili Cheese Dog, a  
hearty delight boasting a beef hot dog smothered  
 in rich chili, melted cheddar cheese, and diced  
onions.Indulge in comfort with the Chili Cheese Dog  
hearty delight boasting a beef hot dog smothered  
 in rich chili, melted cheddar cheese, and diced  
onions."  
 android:textColor="@color/blue\_grey"  
 android:textSize="16sp" />  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginStart="16dp"  
  
 android:layout\_marginEnd="16dp">  
  
 <TextView  
 android:id="@+id/textView20"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Quantity"  
 android:textColor="@color/blue\_grey"  
 android:textSize="18sp"  
 android:textStyle="bold"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/minusBtn"  
 android:layout\_width="28dp"  
 android:layout\_height="28dp"  
 android:layout\_marginStart="16dp"  
 android:background="@drawable/edittext\_background"  
 android:gravity="center"  
 android:text="-"  
 android:textColor="@color/red"  
 android:textSize="16sp"  
 android:textStyle="bold"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toEndOf="@+id/textView20"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/numTxt"  
 android:layout\_width="20dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:gravity="center"  
 android:text="1"  
 android:textSize="16sp"  
 android:textStyle="bold"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toEndOf="@+id/minusBtn"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/plusBtn"  
 android:layout\_width="28dp"  
 android:layout\_height="28dp"  
 android:layout\_marginStart="8dp"  
 android:background="@drawable/edittext\_background"  
 android:gravity="center"  
 android:text="+"  
 android:textColor="@color/red"  
 android:textSize="16sp"  
 android:textStyle="bold"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toEndOf="@+id/numTxt"  
 app:layout\_constraintTop\_toTopOf="parent" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
  
 </LinearLayout>  
 </ScrollView>  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="0dp"  
 android:layout\_height="75dp"  
 android:background="@color/grey"  
 app:layout\_constraintBottom\_toBottomOf="@+id/scrollView2"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent">  
  
 <androidx.appcompat.widget.AppCompatButton  
 android:id="@+id/addBtn"  
 android:layout\_width="180dp"  
 style="@android:style/Widget.Button"  
 android:background="@drawable/red\_button\_background"  
 android:textColor="@color/white"  
 android:textSize="20sp"  
 android:drawableStart="@drawable/cart"  
 android:paddingStart="16dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="24dp"  
 android:text="Add to cart"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/textView24"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="24dp"  
 android:text="Total Price"  
 android:textSize="16sp"  
 android:textColor="@color/blue\_grey"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="@+id/addBtn" />  
  
 <TextView  
 android:id="@+id/totalTxt"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="₹0"  
 android:textColor="@color/blue\_grey"  
 android:textSize="16sp"  
 android:textStyle="bold"  
 app:layout\_constraintBottom\_toBottomOf="@+id/addBtn"  
 app:layout\_constraintStart\_toStartOf="@+id/textView24"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView24" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
</androidx.constraintlayout.widget.ConstraintLayout>

**11.16 activity\_intro.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".Activity.IntroActivity">  
  
 <ImageView  
 android:id="@+id/imageView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:scaleType="fitXY"  
  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:srcCompat="@drawable/orange\_background" />  
  
 <ImageView  
 android:id="@+id/imageView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:srcCompat="@drawable/intro\_pic" />  
  
 <ImageView  
 android:id="@+id/imageView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.0"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/imageView2"  
 app:srcCompat="@drawable/arc" />  
  
 <View  
 android:id="@+id/view"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="0dp"  
 android:background="@color/red"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.0"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/imageView3"  
 app:layout\_constraintVertical\_bias="0.0" />  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Welcome To Food App"  
 android:textColor="@color/white"  
 android:textSize="33dp"  
 android:textStyle="bold"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/imageView" />  
  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="32dp"  
 android:layout\_marginEnd="32dp"  
 android:text="Shared and delightful, for an easy and  
 enjoyable food ordering experience."  
 android:textColor="@color/white"  
 android:textSize="14sp"  
 android:textAlignment="center"  
 android:layout\_marginTop="16dp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView" />  
  
 <TextView  
 android:id="@+id/loginBtn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="24dp"  
 android:layout\_marginBottom="24dp"  
 android:text="Login"  
 android:textStyle="bold"  
 android:textSize="16sp"  
 android:textColor="@color/white"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent" />  
  
 <TextView  
 android:id="@+id/signupBtn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="24dp"  
 android:layout\_marginBottom="24dp"  
 android:text="Signup"  
 android:textColor="@color/white"  
 android:textStyle="bold"  
 android:textSize="16sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent" />  
</androidx.constraintlayout.widget.ConstraintLayout>

**11.17 activity\_list\_foods.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".Activity.ListFoodsActivity">  
  
 <ScrollView  
 android:id="@+id/scrollview"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <ImageView  
 android:id="@+id/backBtn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:padding="12dp"  
  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:srcCompat="@drawable/arrow" />  
  
 <TextView  
 android:id="@+id/titleTxt"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="title"  
 android:textSize="24sp"  
 android:textStyle="bold"  
 android:textColor="@color/blue\_grey"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/foodListView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
 </LinearLayout>  
 </ScrollView>  
  
 <ProgressBar  
 android:id="@+id/progressBar"  
 style="?android:attr/progressBarStyle"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
</androidx.constraintlayout.widget.ConstraintLayout>

**11.18 activity\_login.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".Activity.LoginActivity">  
  
 <ScrollView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent" >  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <ImageView  
 android:id="@+id/imageView4"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="48dp"  
  
 app:srcCompat="@drawable/logo" />  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:gravity="center"  
 android:layout\_marginTop="16dp"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Food"  
 android:layout\_marginEnd="8dp"  
 android:textSize="45sp"  
 android:textStyle="bold"  
 android:textColor="@color/blue\_grey"/>  
  
 <TextView  
 android:id="@+id/textView4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="App"  
 android:textColor="@color/blue\_grey"  
 android:textSize="45sp"/>  
 </LinearLayout>  
  
 <EditText  
 android:id="@+id/userEdt"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:layout\_marginStart="32dp"  
 android:layout\_marginTop="32dp"  
 android:layout\_marginEnd="32dp"  
 android:background="@drawable/edittext\_background"  
 android:ems="10"  
 android:hint="Email address"  
 android:inputType="text"  
 android:textAlignment="center"  
 android:textColorHint="@color/blue\_grey"  
 android:backgroundTint="#FFF5D7"  
 android:textSize="16sp" />  
 <EditText  
 android:id="@+id/passEdt"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginEnd="32dp"  
 android:layout\_marginStart="32dp"  
 android:hint="Password"  
 android:textAlignment="center"  
 android:textColorHint="@color/blue\_grey"  
 android:textSize="16sp"  
 android:backgroundTint="#FFF5D7"  
 android:ems="10"  
 android:background="@drawable/edittext\_background"  
 android:inputType="textPassword"  
 />  
  
 <TextView  
 android:id="@+id/textView5"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Forget Password?"  
 android:textSize="16sp"  
 android:layout\_marginTop="32dp"  
 android:textAlignment="center"/>  
  
 <androidx.appcompat.widget.AppCompatButton  
 android:id="@+id/loginBtn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Login"  
 android:background="@drawable/red\_button\_background"  
 android:layout\_margin="32dp"  
 android:backgroundTint="#FD8B17"  
 style="@android:style/Widget.Button"  
 android:textColor="@color/white"  
 android:textSize="16sp"  
 android:textStyle="bold"/>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginEnd="32dp"  
 android:layout\_marginStart="32dp"  
 android:orientation="horizontal">  
  
 <View  
 android:id="@+id/view2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="1dp"  
 android:layout\_gravity="center\_vertical"  
 android:layout\_weight="1"  
 android:background="#B2B5B9" />  
  
 <TextView  
 android:id="@+id/textView6"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:text="OR"  
 android:textSize="18sp" />  
  
 <View  
 android:id="@+id/view3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="1dp"  
 android:layout\_gravity="center\_vertical"  
 android:layout\_weight="1"  
 android:background="#B2B5B9" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_margin="32dp"  
 android:orientation="horizontal">  
  
 <ImageView  
 android:id="@+id/facebook"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
  
 app:srcCompat="@drawable/facebook" />  
  
 <ImageView  
 android:id="@+id/google"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
  
 app:srcCompat="@drawable/google" />  
  
 <ImageView  
 android:id="@+id/twitter"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
  
 app:srcCompat="@drawable/twitter" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:gravity="center"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/textView7"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="You aren't a user?"  
 android:textSize="16sp"  
 android:textColor="@color/blue\_grey"/>  
  
 <androidx.appcompat.widget.AppCompatButton  
 android:id="@+id/buttonnew"  
 style="@android:style/Widget.Button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="32dp"  
 android:background="@drawable/red\_button\_background"  
 android:text="Sign up"  
 android:textColor="@color/white"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
 </LinearLayout>  
 </LinearLayout>  
 </ScrollView>  
</androidx.constraintlayout.widget.ConstraintLayout>

**11.19 activity\_main.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/white"  
 tools:context=".Activity.MainActivity">  
  
 <ScrollView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginEnd="16dp">  
  
 <TextView  
 android:id="@+id/textView9"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Welcome"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
  
  
 <ImageView  
 android:id="@+id/logoutBtn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
   
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:srcCompat="@drawable/logout" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginEnd="16dp"  
 android:orientation="horizontal">  
  
 <ImageView  
 android:id="@+id/filterBtn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="50dp"  
 android:layout\_marginEnd="6dp"  
 android:background="#FFF5D7"  
 android:padding="12dp"  
  
 app:srcCompat="@drawable/settings" />  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:background="#FFF5D7"  
 android:orientation="horizontal">  
  
 <EditText  
 android:id="@+id/searchEdt"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:layout\_margin="4dp"  
 android:layout\_weight="1"  
 android:background="#FFF5D7"  
 android:ems="10"  
 android:hint="Search Food..."  
 android:inputType="text"  
 android:padding="8dp"  
 android:textAlignment="center"  
 android:textColor="@color/blue\_grey"  
 android:textColorHint="@color/blue\_grey"  
 android:textSize="16sp" />  
  
 <ImageView  
 android:id="@+id/searchBtn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:layout\_marginEnd="4dp"  
  
 android:padding="4dp"  
 app:srcCompat="@drawable/search\_icon" />  
 </LinearLayout>  
  
 <ImageView  
 android:id="@+id/cartBtn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="50dp"  
 android:layout\_marginStart="6dp"  
 android:background="#FFF5D7"  
 android:padding="12dp"  
  
 app:srcCompat="@drawable/basket" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginEnd="16dp"  
 android:layout\_marginTop="16dp"  
 android:orientation="horizontal">  
  
 <LinearLayout  
 android:layout\_width="0dp"  
 android:layout\_height="match\_parent"  
 android:layout\_marginEnd="8dp"  
 android:layout\_weight="0.3333"  
 android:background="#FFF5D7"  
 android:orientation="horizontal">  
  
 <ImageView  
 android:id="@+id/imageView9"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_vertical"  
 android:layout\_marginStart="8dp"  
 android:src="@drawable/location" />  
  
 <Spinner  
 android:id="@+id/locationSp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginStart="4dp"  
 android:layout\_weight="1"  
 android:background="#FFF5D7" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="0dp"  
 android:layout\_height="match\_parent"  
 android:layout\_marginStart="4dp"  
 android:layout\_marginEnd="4dp"  
 android:layout\_weight="0.3333"  
 android:background="#FFF5D7"  
 android:orientation="horizontal">  
  
 <ImageView  
  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_vertical"  
 android:layout\_marginStart="8dp"  
 android:src="@drawable/time" />  
  
 <Spinner  
 android:id="@+id/timeSp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginStart="4dp"  
 android:layout\_weight="1"  
 android:background="#FFF5D7" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="0dp"  
 android:layout\_height="40dp"  
 android:layout\_weight="0.3333"  
 android:layout\_marginStart="8dp"  
 android:background="@drawable/grey\_background"  
 android:orientation="horizontal">  
  
 <Spinner  
 android:id="@+id/priceSp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginStart="4dp"  
 android:layout\_weight="1"  
 android:background="#FFF5D7" />  
 </LinearLayout>  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginTop="24dp"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginEnd="16dp"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/textView11"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:text="Today's best Foods"  
 android:textColor="@color/blue\_grey"  
 android:textSize="22dp"  
 android:textStyle="bold"/>  
  
 <TextView  
 android:id="@+id/textView12"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textColor="@color/red"  
 android:text="VIEW ALL" />  
 </LinearLayout>  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:minHeight="300dp">  
  
 <ProgressBar  
 android:id="@+id/progressBarBestFood"  
 style="?android:attr/progressBarStyle"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="@+id/bestFoodView"  
 app:layout\_constraintStart\_toStartOf="@+id/bestFoodView"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/bestFoodView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="#FFF5D7"  
 android:clipToPadding="false"  
 android:paddingStart="8dp"  
 android:paddingEnd="8dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
  
 <TextView  
 android:layout\_marginStart="16dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:text="Choose Category"  
 android:layout\_marginTop="16dp"  
 android:textColor="@color/blue\_grey"  
 android:textSize="22dp"  
 android:textStyle="bold" />  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="250dp">  
  
 <ProgressBar  
 android:id="@+id/progressBarCategory"  
 style="?android:attr/progressBarStyle"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 app:layout\_constraintBottom\_toBottomOf="@+id/categoryView"  
 app:layout\_constraintEnd\_toEndOf="@+id/categoryView"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="@+id/categoryView" />  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/categoryView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
 </LinearLayout>  
 </ScrollView>  
</androidx.constraintlayout.widget.ConstraintLayout>

**11.20 activity\_signup.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".Activity.LoginActivity">  
  
 <ScrollView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent" >  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <ImageView  
 android:id="@+id/imageView4"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="48dp"  
  
 app:srcCompat="@drawable/logo" />  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:gravity="center"  
 android:layout\_marginTop="16dp"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Food"  
 android:layout\_marginEnd="8dp"  
 android:textSize="45sp"  
 android:textStyle="bold"  
 android:textColor="@color/blue\_grey"/>  
  
 <TextView  
 android:id="@+id/textView4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="App"  
 android:textColor="@color/blue\_grey"  
 android:textSize="45sp"/>  
 </LinearLayout>  
  
 <EditText  
 android:id="@+id/userEdt"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:layout\_marginTop="32dp"  
 android:layout\_marginEnd="32dp"  
 android:layout\_marginStart="32dp"  
 android:hint="Email address"  
 android:textAlignment="center"  
 android:textColorHint="@color/blue\_grey"  
 android:textSize="16sp"  
 android:backgroundTint="#FFF5D7  
"  
 android:ems="10"  
 android:background="@drawable/edittext\_background"  
 android:inputType="text"  
 />  
 <EditText  
 android:id="@+id/passEdt"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginEnd="32dp"  
 android:layout\_marginStart="32dp"  
 android:hint="Password"  
 android:textAlignment="center"  
 android:textColorHint="@color/blue\_grey"  
 android:textSize="16sp"  
 android:ems="10"  
 android:backgroundTint="#FFF5D7  
"  
 android:background="@drawable/edittext\_background"  
 android:inputType="textPassword"  
 />  
  
 <androidx.appcompat.widget.AppCompatButton  
 android:id="@+id/signupBtn"  
 style="@android:style/Widget.Button"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="32dp"  
 android:background="@drawable/red\_button\_background"  
 android:text="Signup"  
 android:textColor="@color/white"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
 <androidx.appcompat.widget.AppCompatButton  
 android:id="@+id/Buttonoo"  
 style="@android:style/Widget.Button"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="32dp"  
 android:background="@drawable/red\_button\_background"  
 android:text="Are you a member? Login"  
 android:textColor="@color/white"  
 android:textSize="16sp"  
 android:textStyle="bold" />  
  
  
 </LinearLayout>  
 </ScrollView>  
</androidx.constraintlayout.widget.ConstraintLayout>

**11.21 sp\_item.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<TextView xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textColor="@color/blue\_grey"  
 android:textSize="12sp"  
 android:singleLine="true">  
  
</TextView>

**11.22 viewholder\_best\_deal.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.cardview.widget.CardView xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="260dp"  
 android:layout\_height="295dp"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_margin="8dp"  
 app:cardCornerRadius="15dp"  
 app:cardElevation="3dp">  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <ImageView  
 android:id="@+id/pic"  
 android:layout\_width="0dp"  
 android:layout\_height="206dp"  
  
 android:background="#FFF5D7"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/pic">  
  
 <TextView  
 android:id="@+id/titleTxt"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="16dp"  
 android:text="title"  
 android:textColor="@color/blue\_grey"  
 android:textSize="18sp"  
 android:textStyle="bold"  
 app:layout\_constraintEnd\_toStartOf="@+id/priceTxt"  
 app:layout\_constraintHorizontal\_bias="0.0"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/starTxt"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="8dp"  
 android:text="4"  
 android:textColor="@color/blue\_grey"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="@+id/titleTxt" />  
  
 <ImageView  
 android:id="@+id/imageView6"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:src="@drawable/star"  
 app:layout\_constraintBottom\_toBottomOf="@+id/starTxt"  
 app:layout\_constraintStart\_toEndOf="@+id/starTxt"  
 app:layout\_constraintTop\_toTopOf="@+id/starTxt" />  
  
 <TextView  
 android:id="@+id/textView15"  
 android:layout\_width="44dp"  
 android:layout\_height="39dp"  
 android:text="+"  
 android:background="@drawable/plus\_background"  
 android:gravity="center"  
 android:textColor="@color/white"  
 android:textSize="30sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent" />  
  
 <TextView  
 android:id="@+id/timeTxt"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="time"  
 app:layout\_constraintBottom\_toBottomOf="@+id/starTxt"  
 app:layout\_constraintEnd\_toStartOf="@+id/textView15"  
 app:layout\_constraintStart\_toEndOf="@+id/imageView6"  
 app:layout\_constraintTop\_toTopOf="@+id/starTxt" />  
  
 <ImageView  
 android:id="@+id/imageView7"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
  
 android:layout\_marginStart="8dp"  
 app:tint="@color/red"  
 app:layout\_constraintBottom\_toBottomOf="@+id/timeTxt"  
 app:layout\_constraintStart\_toEndOf="@+id/timeTxt"  
 app:layout\_constraintTop\_toTopOf="@+id/timeTxt"  
 app:srcCompat="@drawable/time" />  
  
 <TextView  
 android:id="@+id/priceTxt"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="8dp"  
 android:text="₹0"  
 android:textColor="@color/red"  
 android:textSize="18sp"  
 android:textStyle="bold"  
 app:layout\_constraintBottom\_toBottomOf="@+id/titleTxt"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toTopOf="@+id/titleTxt" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
 </androidx.constraintlayout.widget.ConstraintLayout>  
</androidx.cardview.widget.CardView>

**11.23 viewholder\_cart.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.cardview.widget.CardView xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="110dp"  
 android:layout\_marginStart="4dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="4dp"  
 android:layout\_marginBottom="8dp"  
 app:cardCornerRadius="15dp"  
 app:cardElevation="3dp">  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:backgroundTint="#FFF5D7">  
  
 <ImageView  
 android:id="@+id/pic"  
 android:layout\_width="123dp"  
 android:layout\_height="96dp"  
  
 android:layout\_marginStart="8dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/titleTxt"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:text="title"  
 android:textColor="@color/blue\_grey"  
 android:textSize="16sp"  
 android:textStyle="bold"  
 app:layout\_constraintStart\_toEndOf="@+id/pic"  
 app:layout\_constraintTop\_toTopOf="@+id/pic" />  
  
 <TextView  
 android:id="@+id/totalEachItem"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:text="₹0"  
 android:textColor="@color/blue\_grey"  
 android:textSize="16sp"  
 app:layout\_constraintStart\_toStartOf="@+id/titleTxt"  
 app:layout\_constraintTop\_toBottomOf="@+id/titleTxt" />  
  
 <TextView  
 android:id="@+id/feeEachItem"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="16dp"  
 android:text="₹0"  
 android:textColor="@color/red"  
 android:textSize="18sp"  
 android:textStyle="bold"  
 app:layout\_constraintBottom\_toBottomOf="@+id/pic"  
 app:layout\_constraintEnd\_toEndOf="parent" />  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="90dp"  
 android:layout\_height="wrap\_content"  
 app:layout\_constraintBottom\_toBottomOf="@+id/pic"  
 app:layout\_constraintStart\_toStartOf="@+id/totalEachItem">  
  
 <TextView  
 android:id="@+id/numberItemTxt"  
 android:layout\_width="24dp"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:text="0"  
 android:textColor="@color/blue\_grey"  
 android:textSize="16sp"  
 android:textStyle="bold"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toStartOf="@+id/plusCartBtn"  
 app:layout\_constraintStart\_toEndOf="@+id/minusCartBtn"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/minusCartBtn"  
 android:layout\_width="28dp"  
 android:layout\_height="28dp"  
 android:background="@drawable/edittext\_background"  
 android:gravity="center"  
 android:text="-"  
 android:textColor="@color/red"  
 android:textStyle="bold"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/plusCartBtn"  
 android:layout\_width="28dp"  
 android:layout\_height="28dp"  
 android:background="@drawable/edittext\_background"  
 android:gravity="center"  
 android:text="+"  
 android:textColor="@color/red"  
  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
 </androidx.constraintlayout.widget.ConstraintLayout>  
</androidx.cardview.widget.CardView>

**11.24 viewholder\_category.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp"  
 android:orientation="vertical"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent">  
  
 <ImageView  
 android:id="@+id/imgCat"  
 android:layout\_width="72dp"  
 android:layout\_height="72dp"  
 android:layout\_gravity="center"  
 android:background="@drawable/cat\_0\_background"  
 android:padding="12dp"  
  
 app:srcCompat="@drawable/btn\_1" />  
  
 <TextView  
 android:id="@+id/catNameTxt"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:text="title"  
 android:textAlignment="center"  
 android:textColor="@color/blue\_grey"  
 android:textSize="18sp" />  
 </LinearLayout>  
</androidx.constraintlayout.widget.ConstraintLayout>

**11.25 viewholder\_list\_food.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.cardview.widget.CardView xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 app:cardCornerRadius="15dp"  
 app:cardElevation="3dp">  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <ImageView  
 android:id="@+id/img"  
 android:layout\_width="0dp"  
 android:layout\_height="111dp"  
  
 android:background="#FFF5D7"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="#FFF5D7"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/img">  
  
 <TextView  
 android:id="@+id/titleTxt"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:text="Title"  
 android:textColor="@color/blue\_grey"  
 android:textSize="16sp"  
 android:textStyle="bold"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/timeTxt"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:text="time"  
  
 app:layout\_constraintStart\_toStartOf="@+id/titleTxt"  
 app:layout\_constraintTop\_toBottomOf="@+id/titleTxt" />  
  
 <ImageView  
 android:id="@+id/imageView8"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
  
 app:layout\_constraintBottom\_toBottomOf="@+id/timeTxt"  
 app:layout\_constraintStart\_toEndOf="@+id/timeTxt"  
 app:layout\_constraintTop\_toTopOf="@+id/timeTxt"  
 app:srcCompat="@drawable/time" />  
  
 <TextView  
 android:id="@+id/priceTxt"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginBottom="16dp"  
 android:text="₹0"  
 android:textColor="@color/red"  
 android:textSize="18sp"  
 android:textStyle="bold"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="@+id/timeTxt"  
 app:layout\_constraintTop\_toBottomOf="@+id/timeTxt"  
 app:layout\_constraintVertical\_bias="0.0" />  
  
 <ImageView  
 android:id="@+id/imageView10"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="8dp"  
 android:src="@drawable/star"  
 app:layout\_constraintBottom\_toBottomOf="@+id/priceTxt"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/timeTxt" />  
  
 <TextView  
 android:id="@+id/rateTxt"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="8dp"  
 android:text="5"  
 app:layout\_constraintBottom\_toBottomOf="@+id/imageView10"  
 app:layout\_constraintEnd\_toStartOf="@+id/imageView10"  
 app:layout\_constraintTop\_toTopOf="@+id/imageView10" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
 </androidx.constraintlayout.widget.ConstraintLayout>  
</androidx.cardview.widget.CardView>

**12. JAVA CODE**

**ADMIN: -**

**12.1 AddItemAdapter**

package com.example.anywhereeatadmin.adapter;  
  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.ImageView;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.example.anywhereeatadmin.AllItemActivity;  
import com.example.anywhereeatadmin.R;  
  
import java.util.ArrayList;  
  
public class AddItemAdapter extends RecyclerView.Adapter<AddItemAdapter.AddItemViewHolder> {  
 private ArrayList<String> MenuItemName;  
 private ArrayList<String> MenuItemPrice;  
 private ArrayList<Integer> MenuItemImage;  
 private int[] itemQuantities;  
  
 public AddItemAdapter(AllItemActivity allItemActivity, ArrayList<String> menuItemName, ArrayList<String> menuItemPrice, ArrayList<Integer> menuItemImage) {  
 MenuItemName = menuItemName;  
 MenuItemPrice = menuItemPrice;  
 MenuItemImage = menuItemImage;  
 itemQuantities = new int[MenuItemName.size()];  
 }  
  
 @NonNull  
 @Override  
 public AddItemViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View itemView = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.*item\_item*, parent, false);  
 return new AddItemViewHolder(itemView);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull AddItemViewHolder holder, int position) {  
 holder.bind(position);  
 }  
  
 @Override  
 public int getItemCount() {  
 return MenuItemName.size();  
 }  
  
 public class AddItemViewHolder extends RecyclerView.ViewHolder {  
 private TextView foodNameTextView;  
 private TextView priceTextView;  
 private ImageView foodImageView;  
 private TextView quantityTextView;  
 private View minusButton;  
 private View deleteButton;  
 private View plusButton;  
  
 public AddItemViewHolder(View itemView) {  
 super(itemView);  
 foodNameTextView = itemView.findViewById(R.id.*foodnameTextView*);  
 priceTextView = itemView.findViewById(R.id.*priceTextView*);  
 foodImageView = itemView.findViewById(R.id.*foodImageView*);  
 quantityTextView = itemView.findViewById(R.id.*quantityTextView*);  
 minusButton = itemView.findViewById(R.id.*minusButton*);  
 deleteButton = itemView.findViewById(R.id.*deleteButton*);  
 plusButton = itemView.findViewById(R.id.*plusButton*);  
 }  
  
 public void bind(final int position) {  
 final int quantity = itemQuantities[position];  
 foodNameTextView.setText(MenuItemName.get(position));  
 priceTextView.setText(MenuItemPrice.get(position));  
 foodImageView.setImageResource(MenuItemImage.get(position));  
 quantityTextView.setText(String.*valueOf*(quantity));  
  
 minusButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 decreaseQuantity(position);  
 }  
 });  
  
 deleteButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 deleteQuantity(position);  
 }  
 });  
  
 plusButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 increaseQuantity(position);  
 }  
 });  
 }  
  
 private void increaseQuantity(int position) {  
 if (itemQuantities[position] < 10) {  
 itemQuantities[position]++;  
 quantityTextView.setText(String.*valueOf*(itemQuantities[position]));  
 }  
 }  
  
 private void decreaseQuantity(int position) {  
 if (itemQuantities[position] > 1) {  
 itemQuantities[position]--;  
 quantityTextView.setText(String.*valueOf*(itemQuantities[position]));  
 }  
 }  
  
 private void deleteQuantity(int position) {  
 MenuItemName.remove(position);  
 MenuItemPrice.remove(position);  
 MenuItemImage.remove(position);  
 notifyItemRemoved(position);  
 notifyItemRangeChanged(position, MenuItemName.size());  
 }  
 }  
}

**12.2Delivery Adapter**

package com.example.anywhereeatadmin.adapter;  
  
  
  
import android.content.Context;  
import android.content.res.ColorStateList;  
import android.graphics.Color;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.TextView;  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
import com.example.anywhereeatadmin.R;  
import java.util.ArrayList;  
import java.util.HashMap;  
import java.util.Map;  
  
public class DeliveryAdapter extends RecyclerView.Adapter<DeliveryAdapter.DeliveryViewHolder> {  
 private ArrayList<String> customerNames;  
 private ArrayList<String> moneyStatus;  
 private Context context;  
  
 public DeliveryAdapter(ArrayList<String> customerNames, ArrayList<String> moneyStatus) {  
 this.context = context;  
 this.customerNames = customerNames;  
 this.moneyStatus = moneyStatus;  
 }  
  
 @NonNull  
 @Override  
 public DeliveryViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View itemView = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.*delivery\_item*, parent, false);  
 return new DeliveryViewHolder(itemView);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull DeliveryViewHolder holder, int position) {  
 holder.bind(position);  
 }  
  
 @Override  
 public int getItemCount() {  
 return customerNames.size();  
 }  
  
 public class DeliveryViewHolder extends RecyclerView.ViewHolder {  
 private TextView customerName;  
 private TextView statusMoney;  
 private View statusColor;  
  
 public DeliveryViewHolder(View itemView) {  
 super(itemView);  
 customerName = itemView.findViewById(R.id.*customerName*);  
 statusMoney = itemView.findViewById(R.id.*statusMoney*);  
 statusColor = itemView.findViewById(R.id.*StatusColor*);  
 }  
  
 public void bind(int position) {  
 customerName.setText(customerNames.get(position));  
 statusMoney.setText(moneyStatus.get(position));  
 Map<String, Integer> colorMap = new HashMap<>();  
 colorMap.put("received", Color.*GREEN*);  
 colorMap.put("not Received", Color.*RED*);  
 colorMap.put("Pending", Color.*GRAY*);  
 Integer color = colorMap.get(moneyStatus.get(position));  
 if (color != null) {  
 statusMoney.setTextColor(color);  
 statusColor.setBackgroundTintList(ColorStateList.*valueOf*(color));  
 } else {  
 statusMoney.setTextColor(Color.*BLACK*);  
 statusColor.setBackgroundTintList(ColorStateList.*valueOf*(Color.*BLACK*));  
 }  
 }  
 }  
}

**12.3 PendingOrderAdapter**

package com.example.anywhereeatadmin.adapter;  
  
import android.content.Context;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.ImageView;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.example.anywhereeatadmin.R;  
  
import java.util.ArrayList;  
  
  
public class PendingOrderAdapter extends RecyclerView.Adapter<PendingOrderAdapter.PendingOrderViewHolder> {  
 private ArrayList<String> customerNames;  
 private ArrayList<String> quantity;  
 private ArrayList<Integer> foodImage;  
 private Context context;  
  
 public PendingOrderAdapter(ArrayList<String> customerNames, ArrayList<String> quantity, ArrayList<Integer> foodImage, Context context) {  
 this.customerNames = customerNames;  
 this.quantity = quantity;  
 this.foodImage = foodImage;  
 this.context = context;  
 }  
  
 @NonNull  
 @Override  
 public PendingOrderViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View itemView = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.*pending\_orders\_item*, parent, false);  
 return new PendingOrderViewHolder(itemView);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull PendingOrderViewHolder holder, int position) {  
 holder.bind(position);  
 }  
  
 @Override  
 public int getItemCount() {  
 return customerNames.size();  
 }  
  
 public class PendingOrderViewHolder extends RecyclerView.ViewHolder {  
 private ImageView orderdfoodImage;  
 private TextView customerName;  
 private TextView pendingOrderQuantity;  
 private TextView orderedAcceptTextView;  
 private boolean isAccepted = false;  
  
 public PendingOrderViewHolder(View itemView) {  
 super(itemView);  
 orderdfoodImage = itemView.findViewById(R.id.*orderdFoodImage*);  
 customerName = itemView.findViewById(R.id.*customerName*);  
 pendingOrderQuantity = itemView.findViewById(R.id.*pendingOrderQuantity*);  
 orderedAcceptTextView = itemView.findViewById(R.id.*orderedAcceptButton*);  
 }  
  
 public void bind(final int position) {  
 customerName.setText(customerNames.get(position));  
 pendingOrderQuantity.setText(quantity.get(position));  
 orderdfoodImage.setImageResource(foodImage.get(position));  
  
 orderedAcceptTextView.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 if (!isAccepted) {  
 orderedAcceptTextView.setText("Dispatched");  
 isAccepted = true;  
 showToast("Order is Accepted");  
 } else {  
 customerNames.remove(position);  
 notifyItemRemoved(position);  
 showToast("Order is Dispatched");  
 }  
 }  
 });  
 }  
  
 private void showToast(String message) {  
 Toast.*makeText*(context, message, Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
}

**Activity file**

**12.4 AddItemActivity**

package com.example.anywhereeatadmin;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.ImageButton;  
import android.widget.ImageView;  
import android.widget.TextView;  
  
import androidx.activity.result.ActivityResultLauncher;  
import androidx.activity.result.contract.ActivityResultContracts;  
import androidx.appcompat.app.AppCompatActivity;  
  
public class AddItemActivity extends AppCompatActivity {  
  
 private ImageView selectedImage;  
 private TextView selectImage;  
 private ActivityResultLauncher<String> pickImageLauncher;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_add\_item*);  
  
 *// Initialize views* selectedImage = findViewById(R.id.*SelectedImage*);  
 selectImage = findViewById(R.id.*SelectImage*);  
  
 *// Setting OnClickListener for selectImage button* selectImage.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 pickImageLauncher.launch("image/\*");  
 }  
 });  
  
 *// Initializing the ActivityResultLauncher for picking an image* pickImageLauncher = registerForActivityResult(  
 new ActivityResultContracts.GetContent(),  
 uri -> {  
 if (uri != null) {  
 selectedImage.setImageURI(uri);  
 }  
 });  
  
 ImageButton backButton = findViewById(R.id.BackButton);  
 *// Setting OnClickListener for back button (ImageButton)* backButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 onBackPressed(); *// Navigate back to the previous activity* }  
 });  
 }  
}

**12.5 Admin ProfileActivity**

package com.example.anywhereeatadmin;  
  
import android.annotation.SuppressLint;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.EditText;  
import android.widget.TextView;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
public class AdminProfileActivity extends AppCompatActivity {  
 private EditText nameEditText;  
 private EditText addressEditText;  
 private EditText emailEditText;  
 private EditText phoneEditText;  
 private EditText passwordEditText;  
 private TextView editButton;  
 private boolean isEnable = false;  
  
 @SuppressLint("WrongViewCast")  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_admin\_profile*);  
  
 nameEditText = findViewById(R.id.*name*);  
 addressEditText = findViewById(R.id.*address*);  
 emailEditText = findViewById(R.id.*email*);  
 phoneEditText = findViewById(R.id.*phone*);  
 passwordEditText = findViewById(R.id.*password*);  
 editButton = findViewById(R.id.*editButton*);  
  
 findViewById(R.id.*backButton*).setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 finish();  
 }  
 });  
  
 nameEditText.setEnabled(false);  
 addressEditText.setEnabled(false);  
 emailEditText.setEnabled(false);  
 phoneEditText.setEnabled(false);  
 passwordEditText.setEnabled(false);  
  
 editButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 isEnable = !isEnable;  
 nameEditText.setEnabled(isEnable);  
 addressEditText.setEnabled(isEnable);  
 emailEditText.setEnabled(isEnable);  
 phoneEditText.setEnabled(isEnable);  
 passwordEditText.setEnabled(isEnable);  
 if (isEnable) {  
 nameEditText.requestFocus();  
 }  
 }  
 });  
 }  
}

**12.6 AllltemActivity**

package com.example.anywhereeatadmin;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.ImageButton;  
  
import androidx.appcompat.app.AppCompatActivity;  
 import androidx.recyclerview.widget.LinearLayoutManager;  
 import androidx.recyclerview.widget.RecyclerView;  
 import com.example.anywhereeatadmin.adapter.AddItemAdapter;  
 import java.util.ArrayList;  
 import java.util.Arrays;  
 import java.util.List;  
  
public class AllItemActivity extends AppCompatActivity {  
  
 private RecyclerView menuRecyclerView;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_all\_item*);  
  
 menuRecyclerView = findViewById(R.id.*MenuRecyclerView*);  
  
 List<String> menuFoodName = Arrays.*asList*("Burger", "Sandwich", "IceCream", "Tomato soup", "Sandwich", "SweetCorn soup");  
 List<String> menuItemPrice = Arrays.*asList*("₹50", "₹60", "₹80", "₹90", "₹60", "₹90");  
 List<Integer> menuImage = Arrays.*asList*(  
 R.drawable.*menu1*,  
 R.drawable.*menu2*,  
 R.drawable.*menu3*,  
 R.drawable.*menu4*,  
 R.drawable.*menu5*,  
 R.drawable.*menu4* );  
  
 AddItemAdapter adapter = new AddItemAdapter(this, new ArrayList<>(menuFoodName), new ArrayList<>(menuItemPrice), new ArrayList<>(menuImage));  
 menuRecyclerView.setLayoutManager(new LinearLayoutManager(this));  
 menuRecyclerView.setAdapter(adapter);  
  
 ImageButton backButton = findViewById(R.id.*BackButton*);  
 *// Setting OnClickListener for back button (ImageButton)* backButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 onBackPressed(); *// Navigate back to the previous activity* }  
 });  
 }  
}

**12.7 HelperClass**

package com.example.anywhereeatadmin;  
  
public class HelperClass {  
 String email , password;  
  
 public String getEmail() {  
 return email;  
 }  
  
 public void setEmail(String email) {  
 this.email = email;  
 }  
  
 public String getPassword() {  
 return password;  
 }  
  
 public void setPassword(String password) {  
 this.password = password;  
 }  
  
 public HelperClass(String email, String password) {  
 this.email = email;  
 this.password = password;  
 }  
  
 public HelperClass() {  
 }  
}

**12.8 HomePageActivity**

package com.example.anywhereeatadmin;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.TextView;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.cardview.widget.CardView;  
  
public class HomePageActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_home\_page*);  
  
 CardView cardView1 = findViewById(R.id.*AddMenuCardView*);  
  
 cardView1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 *// Handle cardView click* Intent intent = new Intent(HomePageActivity.this, AddItemActivity.class);  
 startActivity(intent);  
 }  
 });  
  
 CardView cardView2 = findViewById(R.id.*allItemMenuCardView*);  
  
 cardView2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 *// Handle cardView click* Intent intent = new Intent(HomePageActivity.this, AllItemActivity.class);  
 startActivity(intent);  
 }  
 });  
  
 CardView cardView3 = findViewById(R.id.*outForDeliveryButton*);  
  
 cardView3.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 *// Handle cardView click* Intent intent = new Intent(HomePageActivity.this, OutForDeliveryActivity.class);  
 startActivity(intent);  
 }  
 });  
  
 CardView cardView4 = findViewById(R.id.*profile*);  
  
 cardView4.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 *// Handle cardView click* Intent intent = new Intent(HomePageActivity.this, AdminProfileActivity.class);  
 startActivity(intent);  
 }  
 });  
 CardView cardView5 = findViewById(R.id.*pendingOrderCartView*);  
  
 cardView5.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 *// Handle cardView click* Intent intent = new Intent(HomePageActivity.this, PendingOrderActivity.class);  
 startActivity(intent);  
 }  
 });  
 TextView pendingOrder = findViewById(R.id.*pendingOrderTextView*);  
 pendingOrder.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 *// Handle signup textview click* Intent intent = new Intent(HomePageActivity.this, PendingOrderActivity.class);  
 startActivity(intent);  
 }  
 });  
  
 CardView cardView6 = findViewById(R.id.*logoutCardView*);  
  
 cardView6.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 *// Handle cardView click* Intent intent = new Intent(HomePageActivity.this, LoginActivity.class);  
 startActivity(intent);  
 }  
 });  
 }  
}

**12.9 LoginActivity**

package com.example.anywhereeatadmin;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.database.Query;  
import com.google.firebase.database.ValueEventListener;  
public class LoginActivity extends AppCompatActivity {  
 EditText loginEmail, loginPassword;  
 Button loginButton;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_login*);  
  
 loginButton = findViewById(R.id.*loginBtn*);  
 loginEmail = findViewById(R.id.*userEdt*);  
 loginPassword = findViewById(R.id.*passEdt*);  
  
 loginButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 if (validateEmail() && validatePassword()) {  
 checkUser();  
 }  
 }  
 });  
  
 TextView signupTextView = findViewById(R.id.*signup*);  
 signupTextView.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(LoginActivity.this, SignUpActivity.class);  
 startActivity(intent);  
 }  
 });  
 }  
  
 public boolean validateEmail() {  
 String val = loginEmail.getText().toString().trim();  
 if (val.isEmpty()) {  
 loginEmail.setError("Email cannot be empty");  
 return false;  
 } else {  
 loginEmail.setError(null);  
 return true;  
 }  
 }  
  
 public boolean validatePassword() {  
 String val = loginPassword.getText().toString().trim();  
 if (val.isEmpty()) {  
 loginPassword.setError("Password cannot be empty");  
 return false;  
 } else {  
 loginPassword.setError(null);  
 return true;  
 }  
 }  
  
 public void checkUser() {  
 String userEmail = loginEmail.getText().toString().trim();  
 String userPassword = loginPassword.getText().toString().trim();  
 DatabaseReference reference = FirebaseDatabase.*getInstance*().getReference("users");  
 Query checkUserDatabase = reference.orderByChild("email").equalTo(userEmail);  
 checkUserDatabase.addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 if (snapshot.exists()) {  
 for (DataSnapshot userSnapshot : snapshot.getChildren()) {  
 String passwordFromDB = userSnapshot.child("password").getValue(String.class);  
 if (passwordFromDB != null && passwordFromDB.equals(userPassword)) {  
 *// Password matches, login successful* Intent intent = new Intent(LoginActivity.this, HomePageActivity.class);  
 startActivity(intent);  
 finish(); *// Finish the LoginActivity* return;  
 }  
 }  
 *// Password doesn't match* loginPassword.setError("Invalid Credentials");  
 loginPassword.requestFocus();  
 } else {  
 *// User not found* loginEmail.setError("User not found");  
 loginEmail.requestFocus();  
 }  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
 *// Handle database error* }  
 });  
 }  
}

**12.10 MainActivity**

package com.example.anywhereeatadmin;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.TextView;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 *// Find login button by ID and set OnClickListener* TextView logintextview = findViewById(R.id.*loginBtn*);  
 logintextview.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 *// Start LoginActivity* Intent intent = new Intent(MainActivity.this, LoginActivity.class);  
 startActivity(intent);  
 }  
 });  
  
 *// Find signup button by ID and set OnClickListener* TextView signuptextview = findViewById(R.id.*signupBtn*);  
 signuptextview.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 *// Start SignUpActivity* Intent intent = new Intent(MainActivity.this, SignUpActivity.class);  
 startActivity(intent);  
 }  
 });  
 }  
}

**12.11 OutForDelivery Activity**

package com.example.anywhereeatadmin;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.ImageButton;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
import com.example.anywhereeatadmin.adapter.DeliveryAdapter;  
import java.util.ArrayList;  
  
public class OutForDeliveryActivity extends AppCompatActivity {  
 private RecyclerView deliveryRecyclerView;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_out\_for\_delivery*);  
  
 deliveryRecyclerView = findViewById(R.id.*deliveryRecyclerView*);  
  
 ArrayList<String> customerName = new ArrayList<>();  
 customerName.add("Rakesh");  
 customerName.add("Gopal");  
 customerName.add("Anshika");  
  
 ArrayList<String> moneyStatus = new ArrayList<>();  
 moneyStatus.add("received");  
 moneyStatus.add("notReceived");  
 moneyStatus.add("Pending");  
  
 DeliveryAdapter adapter = new DeliveryAdapter(customerName, moneyStatus);  
 deliveryRecyclerView.setAdapter(adapter);  
 deliveryRecyclerView.setLayoutManager(new LinearLayoutManager(this));  
  
 ImageButton backButton = findViewById(R.id.*backButton*);  
 *// Setting OnClickListener for back button (ImageButton)* backButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 onBackPressed(); *// Navigate back to the previous activity* }  
 });  
  
 }  
}

**12.12 PendingOrderActivity**

package com.example.anywhereeatadmin;  
  
import android.os.Bundle;  
import android.view.View;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.example.anywhereeatadmin.adapter.PendingOrderAdapter;  
  
import java.util.ArrayList;  
  
public class PendingOrderActivity extends AppCompatActivity {  
 private RecyclerView pendingOrderRecyclerView;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_pending\_order*);  
  
 pendingOrderRecyclerView = findViewById(R.id.*pendingOrderRecyclerView*);  
 findViewById(R.id.*backButton*).setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 finish();  
 }  
 });  
  
 ArrayList<String> orderedcustomerName = new ArrayList<>();  
 orderedcustomerName.add("Rakesh");  
 orderedcustomerName.add("Gopal");  
 orderedcustomerName.add("Anshika");  
  
 ArrayList<String> orderedQuantity = new ArrayList<>();  
 orderedQuantity.add("8");  
 orderedQuantity.add("6");  
 orderedQuantity.add("5");  
  
 ArrayList<Integer> orderedFoodImage = new ArrayList<>();  
 orderedFoodImage.add(R.drawable.*menu1*);  
 orderedFoodImage.add(R.drawable.*menu2*);  
 orderedFoodImage.add(R.drawable.*menu3*);  
  
 PendingOrderAdapter adapter = new PendingOrderAdapter(orderedcustomerName, orderedQuantity, orderedFoodImage, this);  
 pendingOrderRecyclerView.setAdapter(adapter);  
 pendingOrderRecyclerView.setLayoutManager(new LinearLayoutManager(this));  
 }  
}

**12.13 PendingOrdersItemActivity**

package com.example.anywhereeatadmin;  
  
import android.os.Bundle;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
public class PendingOrdersItemActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*pending\_orders\_item*);  
 }  
}

**12.14 SignUpActivity**

package com.example.anywhereeatadmin;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.text.TextUtils;  
import android.util.Patterns;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
  
public class SignUpActivity extends AppCompatActivity {  
  
 EditText signupEmail, signupPassword;  
 TextView loginRedirectText;  
 Button signupButton;  
 FirebaseDatabase database;  
 DatabaseReference reference;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_sign\_up*);  
  
 signupButton = findViewById(R.id.*signupBtn*);  
 loginRedirectText = findViewById(R.id.*textLogin*);  
 signupEmail = findViewById(R.id.*userEdt*);  
 signupPassword = findViewById(R.id.*passEdt*);  
  
 signupButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 if (validateFields()) {  
 database = FirebaseDatabase.*getInstance*();  
 reference = database.getReference("users");  
  
 String email = signupEmail.getText().toString();  
 String encodedEmail = encodeEmail(email); *// Encode the email* String password = signupPassword.getText().toString();  
  
 HelperClass helperClass = new HelperClass(email, password);  
 reference.child(encodedEmail).setValue(helperClass);  
  
 Toast.*makeText*(SignUpActivity.this, "You have Signup Successfully", Toast.*LENGTH\_SHORT*).show();  
  
 Intent intent = new Intent(SignUpActivity.this, LoginActivity.class);  
 startActivity(intent);  
 }  
 }  
 });  
  
 loginRedirectText.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(SignUpActivity.this, LoginActivity.class);  
 startActivity(intent);  
 }  
 });  
 }  
  
 *// Function to encode the email address* private String encodeEmail(String email) {  
 return email.replace(".", ",");  
 }  
  
 *// Function to validate email address and decode it* private boolean validateFields() {  
 String email = signupEmail.getText().toString().trim();  
 String decodedEmail = decodeEmail(email); *// Decode the email* String password = signupPassword.getText().toString().trim();  
  
 if (TextUtils.*isEmpty*(decodedEmail) || !Patterns.*EMAIL\_ADDRESS*.matcher(decodedEmail).matches()) {  
 signupEmail.setError("Please enter a valid email address");  
 return false;  
 }  
  
 if (TextUtils.*isEmpty*(password)) {  
 signupPassword.setError("Password cannot be empty");  
 return false;  
 }  
  
 return true;  
 }  
  
 *// Function to decode the email address* private String decodeEmail(String encodedEmail) {  
 return encodedEmail.replace(",", ".");  
 }  
}

**USER:-**

**Activity**

**12.15 BaseActivity**

package com.example.project162.Activity;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
import com.example.project162.R;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.database.FirebaseDatabase;  
  
public class BaseActivity extends AppCompatActivity {  
 FirebaseAuth mAuth;  
 FirebaseDatabase database;  
 public String TAG="MAD GROUP 5";  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
  
 database = FirebaseDatabase.getInstance();  
 mAuth = FirebaseAuth.getInstance();  
  
 getWindow().setStatusBarColor(getResources().getColor(R.color.white));  
 }  
}

**12.16 CartActivity**

package com.example.project162.Activity;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
  
import android.os.Bundle;  
import android.view.View;  
  
import com.example.project162.Adapter.CartAdapter;  
import com.example.project162.Helper.ChangeNumberItemsListener;  
import com.example.project162.Helper.ManagmentCart;  
import com.example.project162.R;  
import com.example.project162.databinding.ActivityCartBinding;  
  
public class CartActivity extends BaseActivity {  
 private ActivityCartBinding binding;  
 private RecyclerView.Adapter adapter;  
 private ManagmentCart managmentCart;  
 private double tax;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 binding = ActivityCartBinding.inflate(getLayoutInflater());  
 setContentView(binding.getRoot());  
  
 managmentCart = new ManagmentCart(this);  
  
 setVariable();  
 calculateCart();  
 initList();  
 }  
  
 private void initList() {  
 if (managmentCart.getListCart().isEmpty()) {  
 binding.emptyTxt.setVisibility(View.VISIBLE);  
 binding.scrollviewCart.setVisibility(View.GONE);  
 } else {  
 binding.emptyTxt.setVisibility(View.GONE);  
 binding.scrollviewCart.setVisibility(View.VISIBLE);  
 }  
  
 LinearLayoutManager linearLayoutManager = new LinearLayoutManager(this, LinearLayoutManager.VERTICAL, false);  
 binding.cardView.setLayoutManager(linearLayoutManager);  
 adapter = new CartAdapter(managmentCart.getListCart(), this, () -> calculateCart());  
 binding.cardView.setAdapter(adapter);  
 }  
  
 private void calculateCart() {  
 double percentTax = 0.02; *//percent 2% tax* double delivery = 10; *// 10 Dollar* tax = Math.round(managmentCart.getTotalFee() \* percentTax \* 100.0) / 100;  
  
 double total = Math.round((managmentCart.getTotalFee() + tax + delivery) \* 100) / 100;  
 double itemTotal = Math.round(managmentCart.getTotalFee() \* 100) / 100;  
  
 binding.totalFeeTxt.setText("₹" + itemTotal);  
 binding.taxTxt.setText("₹" + tax);  
 binding.deliveryTxt.setText("₹" + delivery);  
 binding.totalTxt.setText("₹" + total);  
 }  
  
 private void setVariable() {  
 binding.backBtn.setOnClickListener(v -> finish());  
 }  
}

**12.17 Detail Activity**

package com.example.project162.Activity;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
  
import com.bumptech.glide.Glide;  
import com.example.project162.Domain.Foods;  
import com.example.project162.Helper.ManagmentCart;  
import com.example.project162.R;  
import com.example.project162.databinding.ActivityDetailBinding;  
  
public class DetailActivity extends BaseActivity {  
 ActivityDetailBinding binding;  
 private Foods object;  
 private int num = 1;  
 private ManagmentCart managmentCart;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 binding = ActivityDetailBinding.inflate(getLayoutInflater());  
 setContentView(binding.getRoot());  
 getWindow().setStatusBarColor(getResources().getColor(R.color.black));  
  
 getIntentExtra();  
 setVariable();  
 }  
  
 private void setVariable() {  
 managmentCart = new ManagmentCart(this);  
  
 binding.backBtn.setOnClickListener(v -> finish());  
  
 Glide.with(DetailActivity.this)  
 .load(object.getImagePath())  
 .into(binding.pic);  
  
 binding.priceTxt.setText("₹" + object.getPrice());  
 binding.titleTxt.setText(object.getTitle());  
 binding.descriptionTxt.setText(object.getDescription());  
 binding.rateTxt.setText(object.getStar() + " Rating");  
 binding.ratingBar.setRating((float) object.getStar());  
 binding.totalTxt.setText((num \* object.getPrice() + "₹"));  
  
 binding.plusBtn.setOnClickListener(v -> {  
 num = num + 1;  
 binding.numTxt.setText(num + " ");  
 binding.totalTxt.setText("₹" + (num \* object.getPrice()));  
 });  
  
 binding.minusBtn.setOnClickListener(v -> {  
 if (num > 1) {  
 num = num - 1;  
 binding.numTxt.setText(num + "");  
 binding.totalTxt.setText("₹" + (num \* object.getPrice()));  
 }  
 });  
  
 binding.addBtn.setOnClickListener(v -> {  
 object.setNumberInCart(num);  
 managmentCart.insertFood(object);  
 });  
 }  
  
 private void getIntentExtra() {  
 object = (Foods) getIntent().getSerializableExtra("object");  
 }  
}

**12.18 IntroActivity**

package com.example.project162.Activity;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.graphics.Color;  
import android.os.Bundle;  
import android.view.View;  
  
import com.example.project162.R;  
import com.example.project162.databinding.ActivityIntroBinding;  
  
public class IntroActivity extends BaseActivity {  
 ActivityIntroBinding binding;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 binding = ActivityIntroBinding.inflate(getLayoutInflater());  
 setContentView(binding.getRoot());  
  
 setVariable();  
 getWindow().setStatusBarColor(Color.parseColor("#FFE4B5"));  
 }  
  
 private void setVariable() {  
 binding.loginBtn.setOnClickListener(v -> {  
 if (mAuth.getCurrentUser() != null) {  
 startActivity(new Intent(IntroActivity.this, MainActivity.class));  
 } else {  
 startActivity(new Intent(IntroActivity.this, LoginActivity.class));  
 }  
 });  
  
 binding.signupBtn.setOnClickListener(v -> startActivity(new Intent(getApplicationContext(), SignupActivity.class)));  
  
 }  
}

**12.19 ListFoodsActivity**

package com.example.project162.Activity;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.GridLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
  
import android.os.Bundle;  
import android.view.View;  
  
import com.example.project162.Adapter.FoodListAdapter;  
import com.example.project162.Domain.Foods;  
import com.example.project162.R;  
import com.example.project162.databinding.ActivityListFoodsBinding;  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.Query;  
import com.google.firebase.database.ValueEventListener;  
  
import java.util.ArrayList;  
  
public class ListFoodsActivity extends BaseActivity {  
 ActivityListFoodsBinding binding;  
 private RecyclerView.Adapter adapterListFood;  
 private int categoryId;  
 private String categoryName;  
 private String searchText;  
 private boolean isSearch;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 binding = ActivityListFoodsBinding.inflate(getLayoutInflater());  
 setContentView(binding.getRoot());  
  
 getIntentExtra();  
 initList();  
 setVariable();  
 }  
  
 private void setVariable() {  
  
 }  
  
 private void initList() {  
 DatabaseReference myRef = database.getReference("Foods");  
 binding.progressBar.setVisibility(View.VISIBLE);  
 ArrayList<Foods> list = new ArrayList<>();  
  
 Query query;  
 if (isSearch) {  
 query = myRef.orderByChild("Title").startAt(searchText).endAt(searchText + '\uf8ff');  
 } else {  
 query = myRef.orderByChild("CategoryId").equalTo(categoryId);  
 }  
 query.addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 if (snapshot.exists()) {  
 for (DataSnapshot issue : snapshot.getChildren()) {  
 list.add(issue.getValue(Foods.class));  
 }  
 if (list.size() > 0) {  
 binding.foodListView.setLayoutManager(new GridLayoutManager(ListFoodsActivity.this, 2));  
 adapterListFood = new FoodListAdapter(list);  
 binding.foodListView.setAdapter(adapterListFood);  
 }  
 binding.progressBar.setVisibility(View.GONE);  
 }  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
 }  
  
 private void getIntentExtra() {  
 categoryId = getIntent().getIntExtra("CategoryId", 0);  
 categoryName = getIntent().getStringExtra("CategoryName");  
 searchText = getIntent().getStringExtra("text");  
 isSearch = getIntent().getBooleanExtra("isSearch", false);  
  
 binding.titleTxt.setText(categoryName);  
 binding.backBtn.setOnClickListener(v -> finish());  
 }  
}

**12.20 LoginActivity**

package com.example.project162.Activity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.Toast;  
  
import androidx.annotation.NonNull;  
  
import com.example.project162.Activity.BaseActivity;  
import com.example.project162.R;  
import com.example.project162.databinding.ActivityLoginBinding;  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.auth.AuthResult;  
  
public class LoginActivity extends BaseActivity implements View.OnClickListener {  
 ActivityLoginBinding binding;  
 Button b;  
  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 binding = ActivityLoginBinding.inflate(getLayoutInflater());  
 setContentView(binding.getRoot());  
  
 setVariable();  
 b=findViewById(R.id.buttonnew);  
 b.setOnClickListener(this);  
 }  
  
 private void setVariable() {  
 binding.loginBtn.setOnClickListener(v -> {  
 String email = binding.userEdt.getText().toString();  
 String password = binding.passEdt.getText().toString();  
 if (!email.isEmpty() && !password.isEmpty()) {  
 mAuth.signInWithEmailAndPassword(email, password).addOnCompleteListener(LoginActivity.this, task -> {  
 if (task.isSuccessful()) {  
 startActivity(new Intent(LoginActivity.this, MainActivity.class));  
 } else {  
 Toast.makeText(LoginActivity.this, "Authentication failed", Toast.LENGTH\_SHORT).show();  
 }  
 });  
 } else {  
 Toast.makeText(LoginActivity.this, "Please fill in your username and password", Toast.LENGTH\_SHORT).show();  
 }  
 });  
 }  
  
 @Override  
 public void onClick(View v) {  
 Intent sd=new Intent(this,SignupActivity.class);  
 startActivity(sd);  
 }  
}

**12.21 MainActivity**

package com.example.project162.Activity;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.GridLayoutManager;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.ArrayAdapter;  
  
import com.example.project162.Adapter.BestFoodsAdapter;  
import com.example.project162.Adapter.CategoryAdapter;  
import com.example.project162.Domain.Category;  
import com.example.project162.Domain.Foods;  
import com.example.project162.Domain.Location;  
import com.example.project162.Domain.Price;  
import com.example.project162.Domain.Time;  
import com.example.project162.R;  
import com.example.project162.databinding.ActivityMainBinding;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.Query;  
import com.google.firebase.database.ValueEventListener;  
  
import java.util.ArrayList;  
  
public class MainActivity extends BaseActivity {  
 private ActivityMainBinding binding;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 binding = ActivityMainBinding.inflate(getLayoutInflater());  
 setContentView(binding.getRoot());  
  
  
 initLocation();  
 initTime();  
 initPrice();  
 initBestFood();  
 initCategory();  
 setVariable();  
 }  
  
 private void setVariable() {  
 binding.logoutBtn.setOnClickListener(v -> {  
 FirebaseAuth.getInstance().signOut();  
 startActivity(new Intent(MainActivity.this, LoginActivity.class));  
 });  
  
 binding.searchBtn.setOnClickListener(v -> {  
 String text = binding.searchEdt.getText().toString();  
 if (!text.isEmpty()) {  
 Intent intent = new Intent(MainActivity.this, ListFoodsActivity.class);  
 intent.putExtra("text", text);  
 intent.putExtra("isSearch", true);  
 startActivity(intent);  
 }  
 });  
  
 binding.cartBtn.setOnClickListener(v -> startActivity(new Intent(MainActivity.this, CartActivity.class)));  
 }  
  
 private void initBestFood() {  
 DatabaseReference myRef = database.getReference("Foods");  
 binding.progressBarBestFood.setVisibility(View.VISIBLE);  
 ArrayList<Foods> list = new ArrayList<>();  
 Query query = myRef.orderByChild("BestFood").equalTo(true);  
 query.addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 if (snapshot.exists()) {  
 for (DataSnapshot issue : snapshot.getChildren()) {  
 list.add(issue.getValue(Foods.class));  
 }  
 if (list.size() > 0) {  
 binding.bestFoodView.setLayoutManager(new LinearLayoutManager(MainActivity.this, LinearLayoutManager.HORIZONTAL, false));  
 RecyclerView.Adapter adapter = new BestFoodsAdapter(list);  
 binding.bestFoodView.setAdapter(adapter);  
 }  
 binding.progressBarBestFood.setVisibility(View.GONE);  
 }  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
 }  
  
 private void initCategory() {  
 DatabaseReference myRef = database.getReference("Category");  
 binding.progressBarCategory.setVisibility(View.VISIBLE);  
 ArrayList<Category> list = new ArrayList<>();  
  
 myRef.addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 if (snapshot.exists()) {  
 for (DataSnapshot issue : snapshot.getChildren()) {  
 list.add(issue.getValue(Category.class));  
 }  
 if (list.size() > 0) {  
 binding.categoryView.setLayoutManager(new GridLayoutManager(MainActivity.this, 4));  
 RecyclerView.Adapter adapter = new CategoryAdapter(list);  
 binding.categoryView.setAdapter(adapter);  
 }  
 binding.progressBarCategory.setVisibility(View.GONE);  
 }  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
 }  
  
 private void initLocation() {  
 DatabaseReference myRef = database.getReference("Location");  
 ArrayList<Location> list = new ArrayList<>();  
 myRef.addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 if (snapshot.exists()) {  
 for (DataSnapshot issue : snapshot.getChildren()) {  
 list.add(issue.getValue(Location.class));  
 }  
 ArrayAdapter<Location> adapter = new ArrayAdapter<>(MainActivity.this, R.layout.sp\_item, list);  
 adapter.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item);  
 binding.locationSp.setAdapter(adapter);  
 }  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
 }  
  
 private void initTime() {  
 DatabaseReference myRef = database.getReference("Time");  
 ArrayList<Time> list = new ArrayList<>();  
 myRef.addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 if (snapshot.exists()) {  
 for (DataSnapshot issue : snapshot.getChildren()) {  
 list.add(issue.getValue(Time.class));  
 }  
 ArrayAdapter<Time> adapter = new ArrayAdapter<>(MainActivity.this, R.layout.sp\_item, list);  
 adapter.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item);  
 binding.timeSp.setAdapter(adapter);  
 }  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
 }  
  
 private void initPrice() {  
 DatabaseReference myRef = database.getReference("Price");  
 ArrayList<Price> list = new ArrayList<>();  
 myRef.addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 if (snapshot.exists()) {  
 for (DataSnapshot issue : snapshot.getChildren()) {  
 list.add(issue.getValue(Price.class));  
 }  
 ArrayAdapter<Price> adapter = new ArrayAdapter<>(MainActivity.this, R.layout.sp\_item, list);  
 adapter.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item);  
 binding.priceSp.setAdapter(adapter);  
 }  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
 }  
  
 @Override  
 public void onBackPressed() {  
   
 }  
}

**12.22 SignupActivity**

package com.example.project162.Activity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.Toast;  
  
import androidx.annotation.NonNull;  
  
import com.example.project162.Activity.BaseActivity;  
import com.example.project162.R;  
import com.example.project162.databinding.ActivitySignupBinding;  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.auth.AuthResult;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
  
public class SignupActivity extends BaseActivity implements View.OnClickListener {  
 ActivitySignupBinding binding;  
Button bb;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 binding = ActivitySignupBinding.inflate(getLayoutInflater());  
 setContentView(binding.getRoot());  
  
 setVariable();  
 bb=findViewById(R.id.Buttonoo);  
 bb.setOnClickListener(this);  
 }  
  
 private void setVariable() {  
 binding.signupBtn.setOnClickListener(v -> {  
 String email = binding.userEdt.getText().toString();  
 String password = binding.passEdt.getText().toString();  
  
 if (password.length() < 6) {  
 Toast.makeText(SignupActivity.this, "Your password must be 6 characters long", Toast.LENGTH\_SHORT).show();  
 return;  
 }  
 mAuth.createUserWithEmailAndPassword(email, password).addOnCompleteListener(SignupActivity.this, task -> {  
 if (task.isSuccessful()) {  
 String userId = mAuth.getCurrentUser().getUid();  
 DatabaseReference usersRef = FirebaseDatabase.getInstance().getReference().child("users");  
 usersRef.child(userId).child("email").setValue(email);  
 *// You can store additional user data here if needed* startActivity(new Intent(SignupActivity.this, MainActivity.class));  
 } else {  
 Toast.makeText(SignupActivity.this, "Authentication failed", Toast.LENGTH\_SHORT).show();  
 }  
 });  
 });  
 }  
  
 @Override  
 public void onClick(View v) {  
 Intent kk=new Intent(this,LoginActivity.class);  
 startActivity(kk);  
  
 }  
}

**Adapter**

**12.23 BestFoodsAdapter**

package com.example.project162.Adapter;  
  
import android.content.Context;  
import android.content.Intent;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.ImageView;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.bumptech.glide.Glide;  
import com.bumptech.glide.load.resource.bitmap.CenterCrop;  
import com.bumptech.glide.load.resource.bitmap.RoundedCorners;  
import com.example.project162.Activity.DetailActivity;  
import com.example.project162.Domain.Foods;  
import com.example.project162.R;  
  
import java.util.ArrayList;  
  
public class BestFoodsAdapter extends RecyclerView.Adapter<BestFoodsAdapter.viewholder> {  
 ArrayList<Foods> items;  
 Context context;  
  
 public BestFoodsAdapter(ArrayList<Foods> items) {  
 this.items = items;  
 }  
  
 @NonNull  
 @Override  
 public BestFoodsAdapter.viewholder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 context = parent.getContext();  
 View inflate = LayoutInflater.from(parent.getContext()).inflate(R.layout.viewholder\_best\_deal, parent, false);  
 return new viewholder(inflate);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull BestFoodsAdapter.viewholder holder, int position) {  
 holder.titleTxt.setText(items.get(position).getTitle());  
 holder.priceTxt.setText("₹" + items.get(position).getPrice());  
 holder.timeTxt.setText(items.get(position).getTimeValue() + " min");  
 holder.starTxt.setText("" + items.get(position).getStar());  
  
 Glide.with(context)  
 .load(items.get(position).getImagePath())  
 .transform(new CenterCrop(), new RoundedCorners(30))  
 .into(holder.pic);  
  
 holder.itemView.setOnClickListener(v -> {  
 Intent intent=new Intent(context, DetailActivity.class);  
 intent.putExtra("object",items.get(position));  
 context.startActivity(intent);  
 });  
 }  
  
 @Override  
 public int getItemCount() {  
 return items.size();  
 }  
  
 public class viewholder extends RecyclerView.ViewHolder {  
 TextView titleTxt, priceTxt, starTxt, timeTxt;  
 ImageView pic;  
  
 public viewholder(@NonNull View itemView) {  
 super(itemView);  
 titleTxt = itemView.findViewById(R.id.titleTxt);  
 priceTxt = itemView.findViewById(R.id.priceTxt);  
 starTxt = itemView.findViewById(R.id.starTxt);  
 timeTxt = itemView.findViewById(R.id.timeTxt);  
 pic = itemView.findViewById(R.id.pic);  
 }  
 }  
}

**12.24 CartAdapter**

package com.example.project162.Adapter;  
  
import android.content.Context;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.ImageView;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.bumptech.glide.Glide;  
import com.bumptech.glide.load.resource.bitmap.CenterCrop;  
import com.bumptech.glide.load.resource.bitmap.RoundedCorners;  
import com.example.project162.Domain.Foods;  
import com.example.project162.Helper.ChangeNumberItemsListener;  
import com.example.project162.Helper.ManagmentCart;  
import com.example.project162.R;  
  
import java.util.ArrayList;  
  
public class CartAdapter extends RecyclerView.Adapter<CartAdapter.viewholder> {  
 ArrayList<Foods> list;  
 private ManagmentCart managmentCart;  
 ChangeNumberItemsListener changeNumberItemsListener;  
  
 public CartAdapter(ArrayList<Foods> list, Context context, ChangeNumberItemsListener changeNumberItemsListener) {  
 this.list = list;  
 managmentCart = new ManagmentCart(context);  
 this.changeNumberItemsListener = changeNumberItemsListener;  
 }  
  
 @NonNull  
 @Override  
 public CartAdapter.viewholder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View inflate = LayoutInflater.from(parent.getContext()).inflate(R.layout.viewholder\_cart, parent, false);  
 return new viewholder(inflate);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull CartAdapter.viewholder holder, int position) {  
 holder.title.setText(list.get(position).getTitle());  
 holder.feeEachItem.setText("₹"+(list.get(position).getNumberInCart()\*list.get(position).getPrice()));  
 holder.totalEachItem.setText(list.get(position).getNumberInCart()+" \* ₹"+(  
 list.get(position).getPrice()));  
 holder.num.setText(list.get(position).getNumberInCart()+"");  
  
 Glide.with(holder.itemView.getContext())  
 .load(list.get(position).getImagePath())  
 .transform(new CenterCrop(),new RoundedCorners(30))  
 .into(holder.pic);  
  
 holder.plusItem.setOnClickListener(v -> managmentCart.plusNumberItem(list, position, () -> {  
 notifyDataSetChanged();  
 changeNumberItemsListener.change();  
 }));  
  
 holder.minusItem.setOnClickListener(v -> managmentCart.minusNumberItem(list, position, () -> {  
 notifyDataSetChanged();  
 changeNumberItemsListener.change();  
 }));  
 }  
  
 @Override  
 public int getItemCount() {  
 return list.size();  
 }  
  
 public class viewholder extends RecyclerView.ViewHolder {  
 TextView title, feeEachItem, plusItem, minusItem;  
 ImageView pic;  
 TextView totalEachItem, num;  
  
 public viewholder(@NonNull View itemView) {  
 super(itemView);  
  
 title = itemView.findViewById(R.id.titleTxt);  
 pic = itemView.findViewById(R.id.pic);  
 feeEachItem = itemView.findViewById(R.id.feeEachItem);  
 plusItem = itemView.findViewById(R.id.plusCartBtn);  
 minusItem = itemView.findViewById(R.id.minusCartBtn);  
 totalEachItem = itemView.findViewById(R.id.totalEachItem);  
 num = itemView.findViewById(R.id.numberItemTxt);  
 }  
 }  
}

**12.25 CategoryAdapter**

package com.example.project162.Adapter;  
  
import android.content.Context;  
import android.content.Intent;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.ImageView;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.bumptech.glide.Glide;  
import com.bumptech.glide.load.resource.bitmap.CenterCrop;  
import com.bumptech.glide.load.resource.bitmap.RoundedCorners;  
import com.example.project162.Activity.ListFoodsActivity;  
import com.example.project162.Domain.Category;  
import com.example.project162.Domain.Foods;  
import com.example.project162.R;  
  
import java.util.ArrayList;  
  
public class CategoryAdapter extends RecyclerView.Adapter<CategoryAdapter.viewholder> {  
 ArrayList<Category> items;  
 Context context;  
  
 public CategoryAdapter(ArrayList<Category> items) {  
 this.items = items;  
 }  
  
 @NonNull  
 @Override  
 public CategoryAdapter.viewholder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 context = parent.getContext();  
 View inflate = LayoutInflater.from(parent.getContext()).inflate(R.layout.viewholder\_category, parent, false);  
 return new viewholder(inflate);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull CategoryAdapter.viewholder holder, int position) {  
  
 holder.titleTxt.setText(items.get(position).getName());  
  
 switch (position) {  
 case 0: {  
 holder.pic.setBackgroundResource(R.drawable.cat\_0\_background);  
 break;  
 }  
 case 1: {  
 holder.pic.setBackgroundResource(R.drawable.cat\_1\_background);  
 break;  
 }  
 case 2: {  
 holder.pic.setBackgroundResource(R.drawable.cat\_2\_background);  
 break;  
 }  
 case 3: {  
 holder.pic.setBackgroundResource(R.drawable.cat\_3\_background);  
 break;  
 }  
 case 4: {  
 holder.pic.setBackgroundResource(R.drawable.cat\_4\_background);  
 break;  
 }  
 case 5: {  
 holder.pic.setBackgroundResource(R.drawable.cat\_5\_background);  
 break;  
 }  
 case 6: {  
 holder.pic.setBackgroundResource(R.drawable.cat\_6\_background);  
 break;  
 }  
 case 7: {  
 holder.pic.setBackgroundResource(R.drawable.cat\_7\_background);  
 break;  
 }  
 }  
 int drawableResourceId = context.getResources().getIdentifier(items.get(position).getImagePath()  
 , "drawable", holder.itemView.getContext().getPackageName());  
 Glide.with(context)  
 .load(drawableResourceId)  
 .into(holder.pic);  
  
 holder.itemView.setOnClickListener(v -> {  
 Intent intent = new Intent(context, ListFoodsActivity.class);  
 intent.putExtra("CategoryId", items.get(position).getId());  
 intent.putExtra("CategoryName", items.get(position).getName());  
 context.startActivity(intent);  
 });  
 }  
  
 @Override  
 public int getItemCount() {  
 return items.size();  
 }  
  
 public class viewholder extends RecyclerView.ViewHolder {  
 TextView titleTxt;  
 ImageView pic;  
  
 public viewholder(@NonNull View itemView) {  
 super(itemView);  
 titleTxt = itemView.findViewById(R.id.catNameTxt);  
 pic = itemView.findViewById(R.id.imgCat);  
 }  
 }  
}

**12.26 FoodListAdapter**

package com.example.project162.Adapter;  
  
import android.content.Context;  
import android.content.Intent;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.ImageView;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.bumptech.glide.Glide;  
import com.bumptech.glide.load.resource.bitmap.CenterCrop;  
import com.bumptech.glide.load.resource.bitmap.RoundedCorners;  
import com.example.project162.Activity.DetailActivity;  
import com.example.project162.Domain.Foods;  
import com.example.project162.R;  
  
import java.util.ArrayList;  
  
public class FoodListAdapter extends RecyclerView.Adapter<FoodListAdapter.viewholder> {  
 ArrayList<Foods> items;  
 Context context;  
  
 public FoodListAdapter(ArrayList<Foods> items) {  
 this.items = items;  
 }  
  
 @NonNull  
 @Override  
 public FoodListAdapter.viewholder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 context = parent.getContext();  
 View inflate = LayoutInflater.from(context).inflate(R.layout.viewholder\_list\_food, parent, false);  
 return new viewholder(inflate);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull FoodListAdapter.viewholder holder, int position) {  
 holder.titleTxt.setText(items.get(position).getTitle());  
 holder.timeTxt.setText(items.get(position).getTimeValue() + " min");  
 holder.priceTxt.setText("₹" + items.get(position).getPrice());  
 holder.rateTxt.setText("" + items.get(position).getStar());  
  
 Glide.with(context)  
 .load(items.get(position).getImagePath())  
 .transform(new CenterCrop(), new RoundedCorners(30))  
 .into(holder.pic);  
  
 holder.itemView.setOnClickListener(v -> {  
 Intent intent=new Intent(context, DetailActivity.class);  
 intent.putExtra("object",items.get(position));  
 context.startActivity(intent);  
 });  
 }  
  
 @Override  
 public int getItemCount() {  
 return items.size();  
 }  
  
 public class viewholder extends RecyclerView.ViewHolder {  
 TextView titleTxt, priceTxt, rateTxt, timeTxt;  
 ImageView pic;  
  
 public viewholder(@NonNull View itemView) {  
 super(itemView);  
  
 titleTxt = itemView.findViewById(R.id.titleTxt);  
 priceTxt = itemView.findViewById(R.id.priceTxt);  
 rateTxt = itemView.findViewById(R.id.rateTxt);  
 timeTxt = itemView.findViewById(R.id.timeTxt);  
 pic = itemView.findViewById(R.id.img);  
  
 }  
 }  
}

**Domain**

**12.27 Category**

package com.example.project162.Domain;  
  
public class Category {  
 private int Id;  
 private String ImagePath;  
 private String Name;  
  
 public Category() {  
 }  
  
 public int getId() {  
 return Id;  
 }  
  
 public void setId(int id) {  
 this.Id = id;  
 }  
  
 public String getImagePath() {  
 return ImagePath;  
 }  
  
 public void setImagePath(String imagePath) {  
 ImagePath = imagePath;  
 }  
  
 public String getName() {  
 return Name;  
 }  
  
 public void setName(String name) {  
 Name = name;  
 }  
}

**12.28 Foods**

package com.example.project162.Domain;  
  
import java.io.Serializable;  
  
public class Foods implements Serializable {  
 private int CategoryId;  
 private String Description;  
 private boolean BestFood;  
 private int Id;  
 private int LocationId;  
 private double Price;  
 private String ImagePath;  
 private int PriceId;  
 private double Star;  
 private int TimeId;  
 private int TimeValue;  
 private String Title;  
 private int numberInCart;  
  
 public Foods() {  
 }  
  
 @Override  
 public String toString() {  
 return Title;  
 }  
  
 public int getCategoryId() {  
 return CategoryId;  
 }  
  
 public void setCategoryId(int categoryId) {  
 CategoryId = categoryId;  
 }  
  
 public String getDescription() {  
 return Description;  
 }  
  
 public void setDescription(String description) {  
 Description = description;  
 }  
  
 public boolean isBestFood() {  
 return BestFood;  
 }  
  
 public void setBestFood(boolean bestFood) {  
 BestFood = bestFood;  
 }  
  
 public int getId() {  
 return Id;  
 }  
  
 public void setId(int id) {  
 Id = id;  
 }  
  
 public int getLocationId() {  
 return LocationId;  
 }  
  
 public void setLocationId(int locationId) {  
 LocationId = locationId;  
 }  
  
 public double getPrice() {  
 return Price;  
 }  
  
 public void setPrice(double price) {  
 Price = price;  
 }  
  
 public String getImagePath() {  
 return ImagePath;  
 }  
  
 public void setImagePath(String imagePath) {  
 ImagePath = imagePath;  
 }  
  
 public int getPriceId() {  
 return PriceId;  
 }  
  
 public void setPriceId(int priceId) {  
 PriceId = priceId;  
 }  
  
 public double getStar() {  
 return Star;  
 }  
  
 public void setStar(double star) {  
 Star = star;  
 }  
  
 public int getTimeId() {  
 return TimeId;  
 }  
  
 public void setTimeId(int timeId) {  
 TimeId = timeId;  
 }  
  
 public int getTimeValue() {  
 return TimeValue;  
 }  
  
 public void setTimeValue(int timeValue) {  
 TimeValue = timeValue;  
 }  
  
 public String getTitle() {  
 return Title;  
 }  
  
 public void setTitle(String title) {  
 Title = title;  
 }  
  
 public int getNumberInCart() {  
 return numberInCart;  
 }  
  
 public void setNumberInCart(int numberInCart) {  
 this.numberInCart = numberInCart;  
 }  
}

**12.29 Location**

package com.example.project162.Domain;  
  
public class Location {  
 private int Id;  
 private String Loc;  
  
 public Location() {  
 }  
  
 @Override  
 public String toString() {  
 return Loc ;  
 }  
  
 public int getId() {  
 return Id;  
 }  
  
 public void setId(int id) {  
 Id = id;  
 }  
  
 public String getLoc() {  
 return Loc;  
 }  
  
 public void setLoc(String loc) {  
 Loc = loc;  
 }  
}

**12.30 Price**

package com.example.project162.Domain;  
  
public class Price {  
 private int Id;  
 private String Value;  
  
 public Price() {  
 }  
  
 @Override  
 public String toString() {  
 return Value ;  
 }  
  
 public int getId() {  
 return Id;  
 }  
  
 public void setId(int id) {  
 Id = id;  
 }  
  
 public String getValue() {  
 return Value;  
 }  
  
 public void setValue(String value) {  
 Value = value;  
 }  
}

**12.31Time**

package com.example.project162.Domain;  
  
public class Time {  
 private int Id;  
 private String Value;  
  
 public Time() {  
 }  
  
 @Override  
 public String toString() {  
 return Value;  
 }  
  
 public int getId() {  
 return Id;  
 }  
  
 public void setId(int id) {  
 Id = id;  
 }  
  
 public String getValue() {  
 return Value;  
 }  
  
 public void setValue(String value) {  
 Value = value;  
 }  
}

**Helper**

**12.32 ChangeNumberltemsListener**

package com.example.project162.Domain;  
  
public class Time {  
 private int Id;  
 private String Value;  
  
 public Time() {  
 }  
  
 @Override  
 public String toString() {  
 return Value;  
 }  
  
 public int getId() {  
 return Id;  
 }  
  
 public void setId(int id) {  
 Id = id;  
 }  
  
 public String getValue() {  
 return Value;  
 }  
  
 public void setValue(String value) {  
 Value = value;  
 }  
}

**12.33 ManagmentCart**

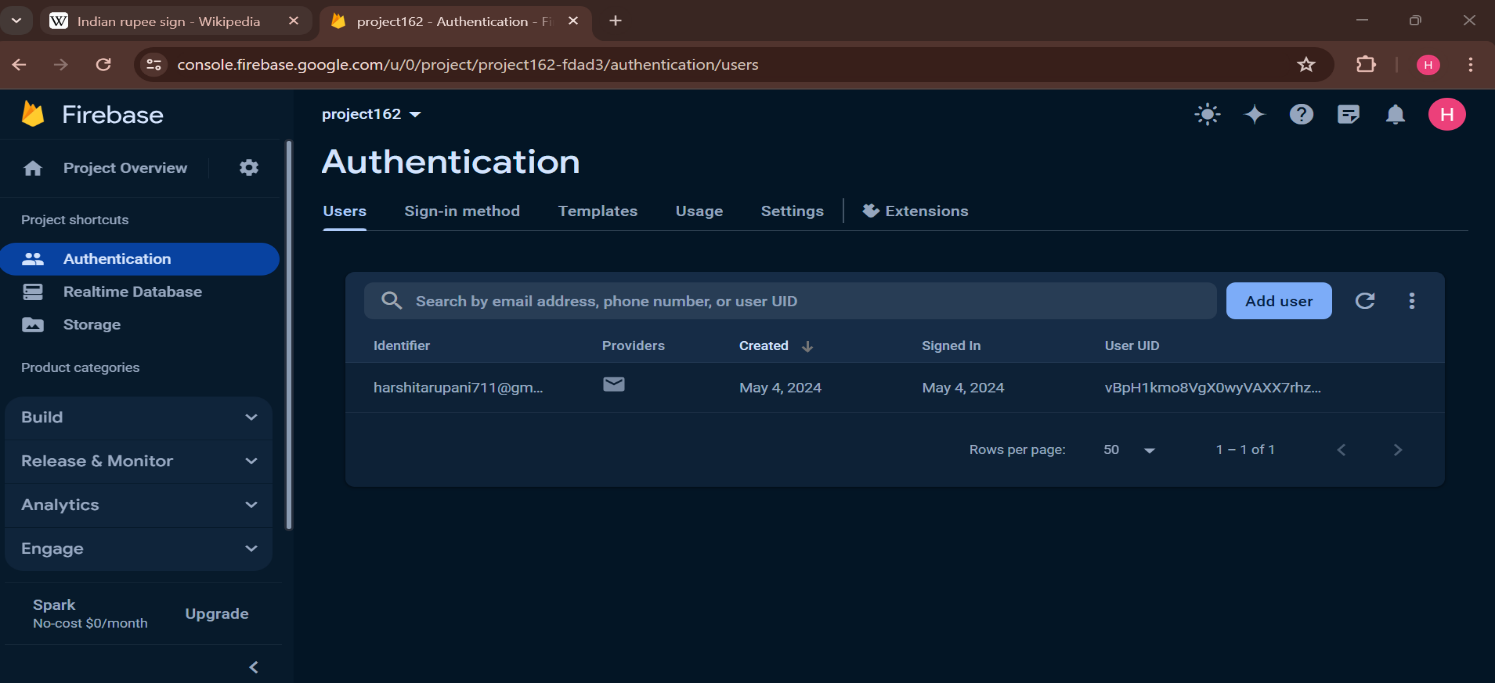
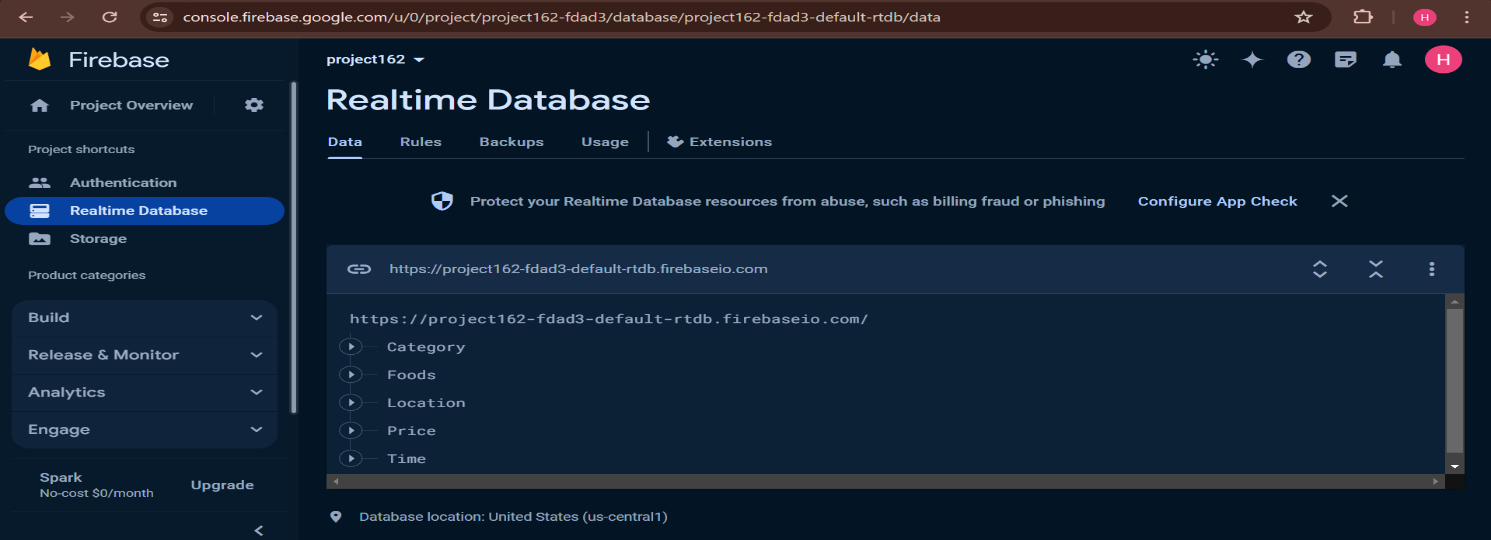
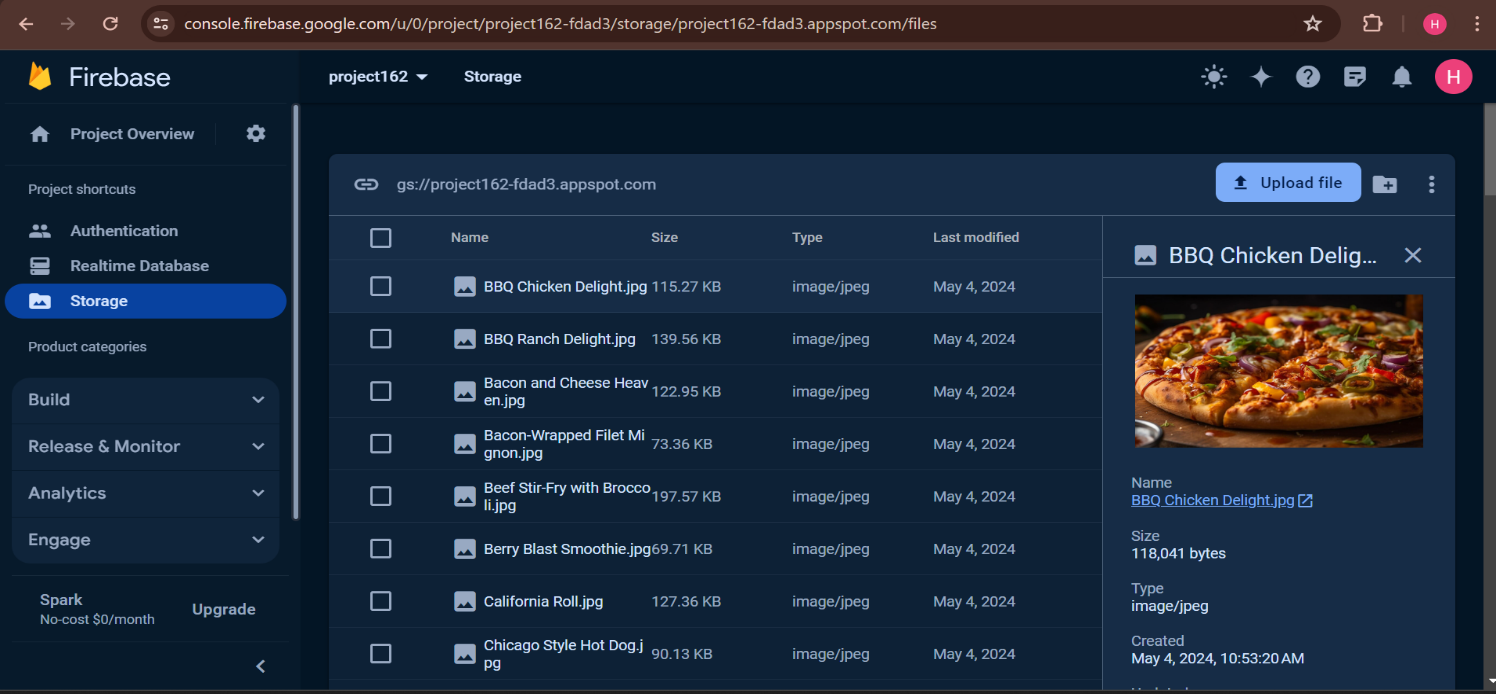
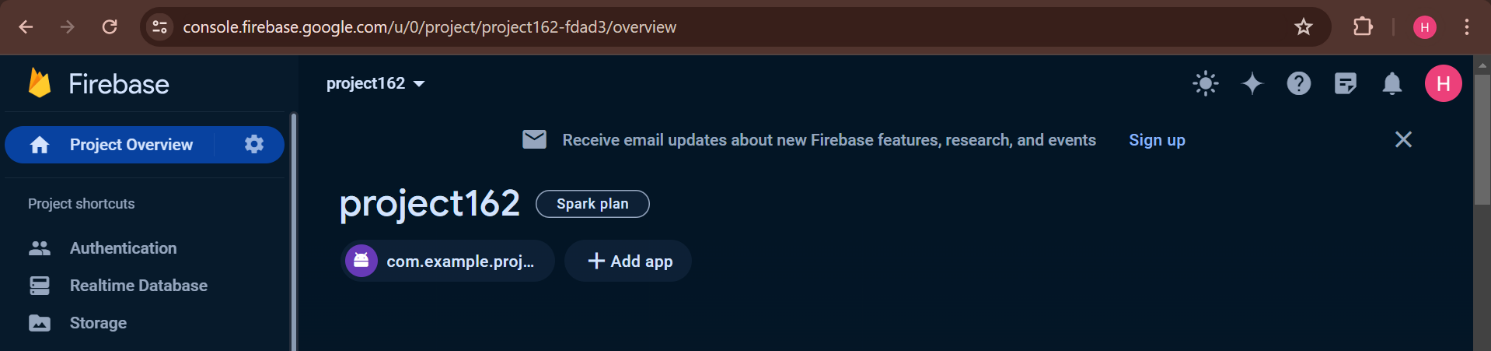
package com.example.project162.Helper;  
  
import android.content.Context;  
import android.widget.Toast;  
  
  
import com.example.project162.Domain.Foods;  
  
import java.util.ArrayList;  
  
  
public class ManagmentCart {  
 private Context context;  
 private TinyDB tinyDB;  
  
 public ManagmentCart(Context context) {  
 this.context = context;  
 this.tinyDB=new TinyDB(context);  
 }  
  
 public void insertFood(Foods item) {  
 ArrayList<Foods> listpop = getListCart();  
 boolean existAlready = false;  
 int n = 0;  
 for (int i = 0; i < listpop.size(); i++) {  
 if (listpop.get(i).getTitle().equals(item.getTitle())) {  
 existAlready = true;  
 n = i;  
 break;  
 }  
 }  
 if(existAlready){  
 listpop.get(n).setNumberInCart(item.getNumberInCart());  
 }else{  
 listpop.add(item);  
 }  
 tinyDB.putListObject("CartList",listpop);  
 Toast.makeText(context, "Added to your Cart", Toast.LENGTH\_SHORT).show();  
 }  
  
 public ArrayList<Foods> getListCart() {  
 return tinyDB.getListObject("CartList");  
 }  
  
 public Double getTotalFee(){  
 ArrayList<Foods> listItem=getListCart();  
 double fee=0;  
 for (int i = 0; i < listItem.size(); i++) {  
 fee=fee+(listItem.get(i).getPrice()\*listItem.get(i).getNumberInCart());  
 }  
 return fee;  
 }  
 public void minusNumberItem(ArrayList<Foods> listItem,int position,ChangeNumberItemsListener changeNumberItemsListener){  
 if(listItem.get(position).getNumberInCart()==1){  
 listItem.remove(position);  
 }else{  
 listItem.get(position).setNumberInCart(listItem.get(position).getNumberInCart()-1);  
 }  
 tinyDB.putListObject("CartList",listItem);  
 changeNumberItemsListener.change();  
 }  
 public void plusNumberItem(ArrayList<Foods> listItem,int position,ChangeNumberItemsListener changeNumberItemsListener){  
 listItem.get(position).setNumberInCart(listItem.get(position).getNumberInCart()+1);  
 tinyDB.putListObject("CartList",listItem);  
 changeNumberItemsListener.change();  
 }  
}

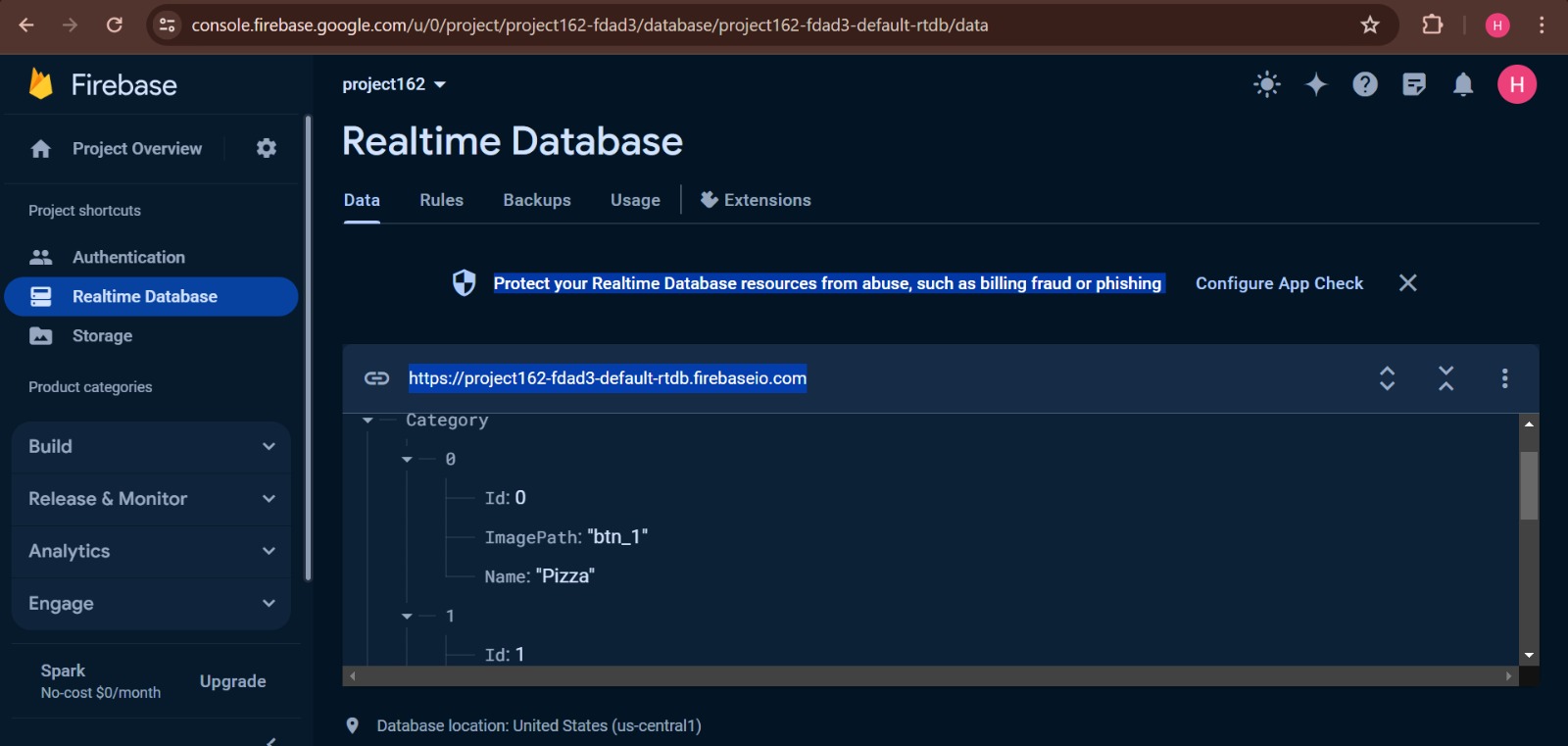
**12.34 TinyDB**

package com.example.project162.Helper;  
  
import android.content.Context;  
import android.widget.Toast;  
  
  
import com.example.project162.Domain.Foods;  
  
import java.util.ArrayList;  
  
  
public class ManagmentCart {  
 private Context context;  
 private TinyDB tinyDB;  
  
 public ManagmentCart(Context context) {  
 this.context = context;  
 this.tinyDB=new TinyDB(context);  
 }  
  
 public void insertFood(Foods item) {  
 ArrayList<Foods> listpop = getListCart();  
 boolean existAlready = false;  
 int n = 0;  
 for (int i = 0; i < listpop.size(); i++) {  
 if (listpop.get(i).getTitle().equals(item.getTitle())) {  
 existAlready = true;  
 n = i;  
 break;  
 }  
 }  
 if(existAlready){  
 listpop.get(n).setNumberInCart(item.getNumberInCart());  
 }else{  
 listpop.add(item);  
 }  
 tinyDB.putListObject("CartList",listpop);  
 Toast.makeText(context, "Added to your Cart", Toast.LENGTH\_SHORT).show();  
 }  
  
 public ArrayList<Foods> getListCart() {  
 return tinyDB.getListObject("CartList");  
 }  
  
 public Double getTotalFee(){  
 ArrayList<Foods> listItem=getListCart();  
 double fee=0;  
 for (int i = 0; i < listItem.size(); i++) {  
 fee=fee+(listItem.get(i).getPrice()\*listItem.get(i).getNumberInCart());  
 }  
 return fee;  
 }  
 public void minusNumberItem(ArrayList<Foods> listItem,int position,ChangeNumberItemsListener changeNumberItemsListener){  
 if(listItem.get(position).getNumberInCart()==1){  
 listItem.remove(position);  
 }else{  
 listItem.get(position).setNumberInCart(listItem.get(position).getNumberInCart()-1);  
 }  
 tinyDB.putListObject("CartList",listItem);  
 changeNumberItemsListener.change();  
 }  
 public void plusNumberItem(ArrayList<Foods> listItem,int position,ChangeNumberItemsListener changeNumberItemsListener){  
 listItem.get(position).setNumberInCart(listItem.get(position).getNumberInCart()+1);  
 tinyDB.putListObject("CartList",listItem);  
 changeNumberItemsListener.change();  
 }  
}

**13.** **BACKEND INFORMATION**

**USER:-**



A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generatedA screenshot of a computer

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Description automatically generated

**ADMIN:-**

A screenshot of a computer

Description automatically generated

A screenshot of a computer

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A screenshot of a computer

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**14. Screenshots of Running App**

**ADMIN:-**

A screenshot of a food app

Description automatically generatedA screenshot of a phone

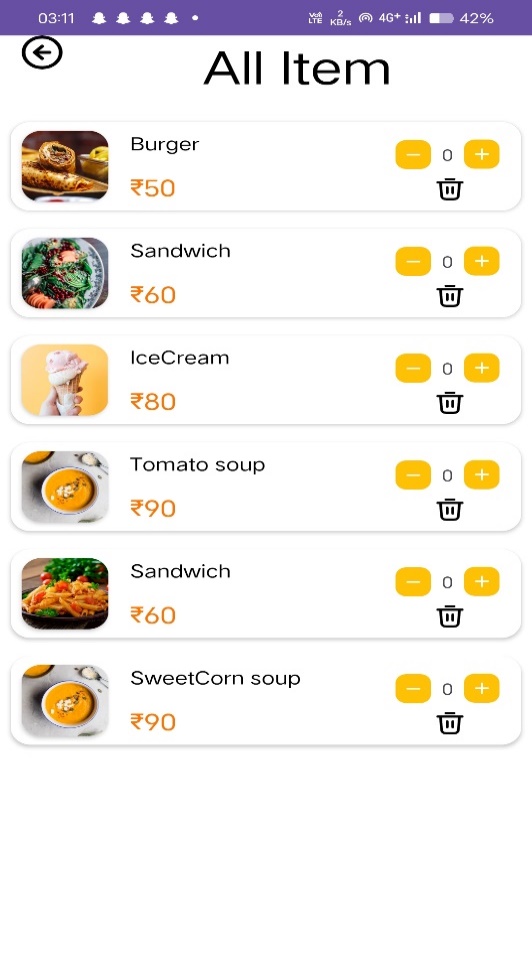
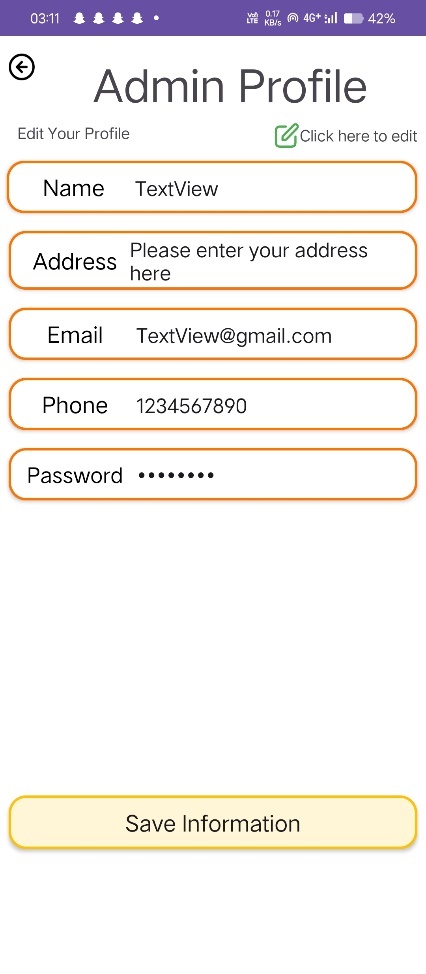
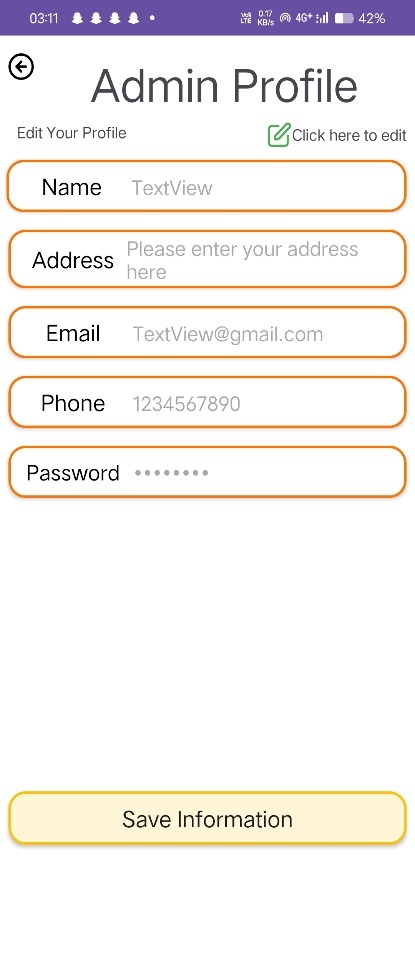
Description automatically generated

A screenshot of a phone

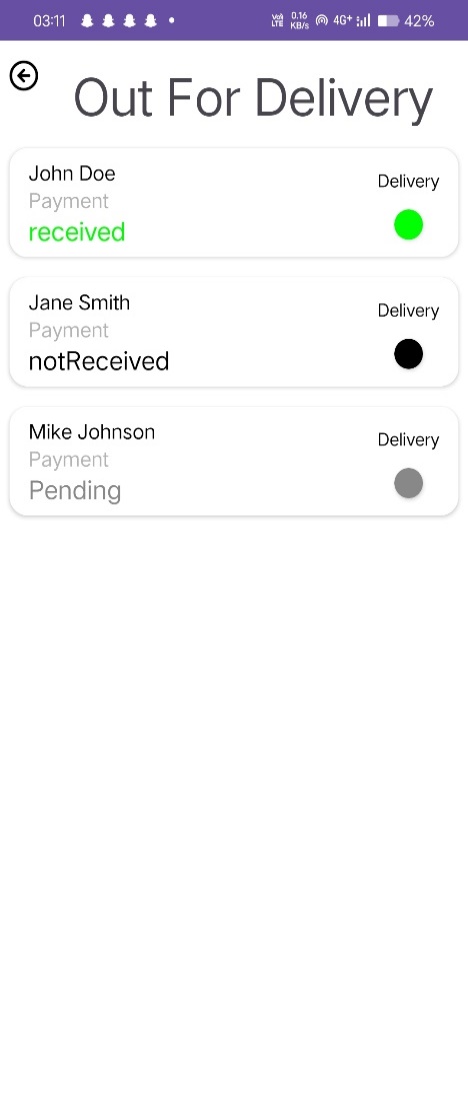
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**USER:-**

A screen shot of food

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A screenshot of a food app

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A screenshot of a phone

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A screenshot of a pizza

Description automatically generatedA screenshot of a food menu

Description automatically generatedA screenshot of a food order

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Description automatically generatedA screenshot of a phone

Description automatically generatedA screenshot of a menu

Description automatically generatedA screenshot of a food order

Description automatically generatedA screenshot of a food order

Description automatically generated

**15. FUTURE FUNCTIONALITIES FOR THE APP**

The "AnyWhereEat" application has a solid foundation with its current features for both users and restaurant administrators. However, to stay ahead of industry trends and enhance the user experience, the app can incorporate several future functionalities. These additions would not only improve user engagement but also expand the app's reach and utility for restaurants.**User Personalization:**Implementing personalized recommendations based on past orders and user preferences can enhance the customer experience. This could include suggesting new restaurants, cuisines, or dishes the user might enjoy.A loyalty program could reward frequent users with discounts or exclusive offers, encouraging repeat orders.**Real-Time Delivery Tracking:**Integrating real-time delivery tracking allows customers to monitor the status of their orders and estimated delivery times. This functionality increases transparency and builds trust with customers.For restaurants, this feature can help manage dispatch processes and streamline order handling.**In-App Reviews and Ratings:**Adding an option for users to leave reviews and ratings for restaurants and dishes can help guide other customers' choices. This feature can also provide valuable feedback to restaurants for improving their offerings.**Group Ordering and Sharing:**Introducing group ordering functionality can allow multiple users to contribute to a shared order, making it easier for groups to order together.This feature can include options for splitting payments or sharing favorite dishes with friends.**Subscription Services:**Subscription models, such as meal plans or repeat order options, could offer users more convenient ways to access their favorite meals regularly. This can also benefit restaurants by ensuring consistent business.**Enhanced Admin Dashboard:**Expanding the admin dashboard to include detailed analytics on sales trends, customer behavior, and inventory management can provide restaurants with actionable insights to improve their operations.**Expanded Payment Options:**Integrating additional payment methods, such as mobile wallets or cryptocurrencies, can appeal to a broader range of users and stay current with emerging payment technologies.**Multilingual Support:**Adding support for multiple languages can make the app accessible to a wider audience, including non-native English speakers.**Social Media Integration:**Allowing users to share their orders or favorite dishes on social media platforms can increase the app's visibility and attract new users.

**16.Plan to Monetize the App**

Monetizing the "AnyWhereEat" app involves leveraging its robust features for both users and restaurant administrators to create multiple revenue streams. To ensure the app's long-term success and profitability, the following monetization strategies can be implemented:**Transaction Fees:**Charge a small transaction fee on each order placed through the app. This fee can be either a flat rate or a percentage of the order total, which can be shared between the customer and the restaurant.Offering varying transaction fees based on order size or order frequency can encourage higher transaction volumes.**Subscription Plans for Restaurants:**Provide premium subscription plans for restaurants to access advanced features such as priority placement in search results, advanced analytics, and marketing tools.Tiers of subscription plans can cater to different business sizes and needs, offering options for both small and large restaurants.**Sponsored Listings and Advertisements:**Restaurants can pay for sponsored listings to appear at the top of search results or in highlighted sections, increasing their visibility and likelihood of receiving orders.Displaying targeted advertisements from other businesses within the app can generate additional revenue while offering relevant promotions to users.**In-App Purchases:**Offer exclusive menu items, add-ons, or other premium features as in-app purchases, providing users with additional choices and convenience.Restaurants can also provide premium meal options that users can purchase directly through the app.**Loyalty Programs and Promotions:**Develop loyalty programs that reward customers for repeat business with discounts, rewards points, or special offers.Restaurants can pay to participate in these programs for increased customer retention and higher sales.**Partnerships and Affiliate Marketing:**Form partnerships with local businesses or food brands to offer special promotions or discounts through the app, generating commission-based revenue.Collaborate with delivery service providers or logistics companies for referral fees.**Data Insights and Analytics for Restaurants:**Selling anonymized and aggregated data insights to restaurants can help them understand customer behavior, popular items, and trends.Offering detailed sales analytics and business insights as a premium service can generate additional revenue from restaurant clients.**Gift Cards and Vouchers:**Introduce the sale of gift cards and vouchers through the app. This not only generates immediate revenue but also encourages future orders.

**17.Conclusion**

Working on the "AnyWhereEat" project has been an invaluable learning experience that allowed us to apply theoretical knowledge to a practical, real-world application. Through the development process, we gained a deeper understanding of the complexities involved in creating a multifaceted application that serves both users and restaurant administrators. We learned how to design intuitive interfaces that prioritize user experience while also incorporating efficient backend systems for real-time data management and communication.This project honed our technical skills in Android development, including proficiency in Java and XML, as well as familiarity with Firebase for database management and authentication. We also developed problem-solving skills as we addressed various challenges, such as ensuring data security and optimizing app performance.Beyond technical abilities, we learned the importance of collaboration and effective communication within a team. Working together to balance different aspects of the app, from design to functionality, taught us how to integrate diverse perspectives to achieve a cohesive final product. Additionally, we recognized the significance of ongoing user feedback in refining and enhancing the app.Ultimately, this project emphasized the value of considering user needs and business requirements equally when developing an application. It reinforced the importance of creating a product that delivers tangible benefits to its users and aligns with industry trends. As we continue our journey in technology and software development, the experiences and lessons from "AnyWhereEat" will serve as a solid foundation for future projects and challenges.