



# SOMRAS

" Your Online Destination for Whisky, Beer,  
and Wine"

## ABSTRACT

"SOMRAS" is a sophisticated Android application crafted with Java in Android Studio, seamlessly integrating with a MySQL backend through Google Volley API. Designed to cater to the discerning preferences of enthusiasts, SOMRAS offers a comprehensive online marketplace for whisky, beer, and wine.

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Mehul Gohil

BCA Sem -6

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# Preface

As a student of Bachelor of Computer Application according to the syllabus subscribed by: **Bhakta Kavi Narsinh Mehta University, Junagadh (Gujarat)**. In 6th semester of **BCA** to prepare a project on any Particular subject of Student choice. The project should be selected on precise subject that will fulfil the requirements.

The main objective of "SOMRAS" is a comprehensive online marketplace for whisky, beer, and wine. in the modern world of Information Technology. Here the project report Training is undertaken at **Dr V.R. Godhaniya IT Institute of Information technology in Porbandar**.

Project report has been prepared on the base of information collected which is a result of hard work done by us. We have taken almost care that the information provided in the project is true and project is in smooth running condition and Error free we sincerely apologies if any wrong is given we have tried our level best to provide all the necessary information as per the syllabus.

# ACKNOWLEDGEMENT

“SOMRAS” which we conceived during the BCA 6th SEM affiliated to **Bhakta Kavi Narsinh Mehta University, Junagadh (Gujarat).**

We take this opportunity to express our sincere gratitude and we feel immense pleasure to thank our faculty and guide **Mr. Nirav Dattani** who helped us and gave full support in each and every way to fulfil and accomplish our project of SOMRAS. We are indebted to our college **Dr.V. R. Godhaniya College of I.T** our principal and HOD **Mr. Dhaval Kher** for given us an excellent chance to prove our best work and efforts.

We are kindly thankful to **Mr. Nirav Dattani** and **Mr. Savan raval** who guide us very well circumstances with his bright knowledge to make this project in JSP.

# Project Profile

## Project Title:

SOMRAS

## Project Information:

"SOMRAS" is an Android application developed using Java in Android Studio, complemented by a backend MySQL database accessed through the Google Volley API.

It serves as an online platform for the sale of whisky, beer, and wine, targeting consumers seeking convenience and variety in their alcohol purchasing experience. The application offers a user-friendly interface for browsing, selecting, and purchasing beverages, enhanced by personalized recommendations and secure payment gateways.

Google Volley API ensures seamless communication with the MySQL backend, facilitating real-time updates of user login registration and order management. By amalgamating robust backend architecture with an intuitive frontend design, SOMRAS strives to redefine the landscape of online alcohol retailing, delivering unparalleled convenience and satisfaction to its users.

## Institution:

Dr V. R. Godhaniya IT College, Porbandar

**Programing Language:**

- Frontend-Android studio(java)
- Intermediate-php
- Backend-JAVA , MySql

**Application name:**

SOMRAS

**Summary:**

"SOMRAS" is a sophisticated Android application crafted with Java in Android Studio, seamlessly integrating with a MySQL backend through Google Volley API. Designed to cater to the discerning preferences of enthusiasts, SOMRAS offers a comprehensive online marketplace for whisky, beer, and wine.

**Modules:****Client:**

- Registration
- View product
- Add to cart
- Order multiple items
- View order status
- View his own order history
- Logout

**Admin:**

- Add product
- Validate customer

**Guided By:**

Mr. Nirav Dattani

Mr. Savan Raval

**Prepared By:**

<b>Kunal Katira</b>	BCA – 6 <sup>th</sup> semester
<b>Jhanvi Gohel</b>	BCA – 6 <sup>th</sup> semester
<b>Mehul Gohil</b>	BCA – 6 <sup>h</sup> semester

# Abstract of Project

This project introduces "SOMRAS," an Android application engineered in Java within Android Studio, incorporating a MySQL backend seamlessly integrated via the Google Volley API. "SOMRAS" revolutionizes the online retail experience for whisky, beer, and wine aficionados, boasting a suite of key features to ensure convenience, security, and satisfaction.

## Key Features:

- **Intuitive User Interface:** "SOMRAS" offers an intuitive and visually appealing interface, facilitating effortless navigation and product discovery.
- **Personalized Recommendations:** Leveraging user preferences and purchase history, the application provides tailored recommendations to enhance the shopping experience.
- **Secure Transactions:** Utilizing Google Volley API, "SOMRAS" ensures encrypted and reliable communication between the app and backend, safeguarding user data and transactions.
- **Order Management:** The application features a comprehensive order management system, allowing users to track their orders in real-time and manage their purchases efficiently.
- **Robust User Authentication:** "SOMRAS" prioritizes user security with robust authentication mechanisms, safeguarding user accounts and sensitive information.



# Objective & Scope of project

## Objectives:

- 1. Development of an Intuitive Interface:** Design an intuitive and user-friendly interface to facilitate seamless navigation and enhance the overall user experience.
- 2. Implementation of Personalized Recommendations:** Utilize user data and purchase history to generate personalized recommendations, thereby improving user engagement and satisfaction.
- 3. Integration of Secure Transactions:** Integrate the Google Volley API to ensure secure communication between the Android application and the MySQL backend, guaranteeing the safety of user data and financial transactions.
- 4. Real-time Inventory Management:** Implement a robust inventory management system to provide users with accurate and up-to-date information on product availability, minimizing discrepancies and enhancing customer trust.
- 5. Efficient Order Management:** Develop a comprehensive order management system that enables users to track their orders in real-time, manage their purchases efficiently, and receive timely notifications.
- 6. Enhanced User Authentication:** Implement robust user authentication mechanisms to safeguard user accounts and sensitive information, ensuring a secure browsing and purchasing environment.

## Scope:

- 1. Platform Compatibility:** The application will be developed specifically for Android devices, targeting a wide user base of smartphone users.
- 2. Beverage Selection:** The initial scope of the project will include whisky, beer, and wine categories, with the potential for expansion to include additional beverage types in future iterations.
- 3. Database Management:** The MySQL database will be utilized for storing product information, user data, and order details, ensuring efficient data management and retrieval.
- 4. Geographical Limitation:** The application will be accessible to users within specific geographical regions, adhering to legal regulations and licensing requirements related to the sale of alcoholic beverages.
- 5. Language and Currency Support:** The application will support multiple languages and currencies to cater to a diverse user base and facilitate international transactions.
- 6. Third-party Integration:** Integration with third-party services for payment processing, shipping, and analytics may be considered to enhance the functionality and effectiveness of the application.

# Technical Feasibility

**1. Android Development Tools:** Utilize Android Studio, the official Integrated Development Environment (IDE) for Android app development, providing a comprehensive suite of tools for designing, coding, debugging, and testing.

**2. Java Programming Language:** Leveraging Java for Android development ensures compatibility with the Android platform and access to a vast ecosystem of libraries and resources for building robust and scalable applications.

**3. Google Volley API:** Integration of the Google Volley API facilitates seamless communication between the Android application and the MySQL backend, enabling efficient handling of network requests and responses.

**4. MySQL Database:** MySQL offers a reliable and scalable solution for storing and managing product information, user data, and order details, providing support for complex queries and transactions.

**5. Scalability:** Designing the application with scalability in mind allows for seamless expansion to accommodate a growing user base, increased product inventory, and additional features in future updates.

**6. Compliance and Regulations:** Adhering to legal regulations and industry standards related to online alcohol retailing, including age verification mechanisms and compliance with regional licensing requirements, ensures the project's viability and sustainability in the long term.

# Economic Feasibility

- 1. Cost of Development Tools:** Android Studio, Java development kit, and MySQL are open-source tools, reducing upfront costs associated with software licensing. Additionally, Google Volley API is available for free, minimizing expenses related to network communication.
- 2. Development Time and Resources:** Leveraging Java for Android development allows access to a vast pool of developers with expertise in the language, potentially reducing recruitment costs and time-to-market. However, skilled developers may command higher salaries, impacting overall project expenses.
- 3. Risk Assessment:** Identifying potential risks, such as regulatory compliance challenges, security vulnerabilities, or shifts in consumer behavior, is essential for mitigating economic risks and ensuring long-term sustainability.

# Operational Feasibility

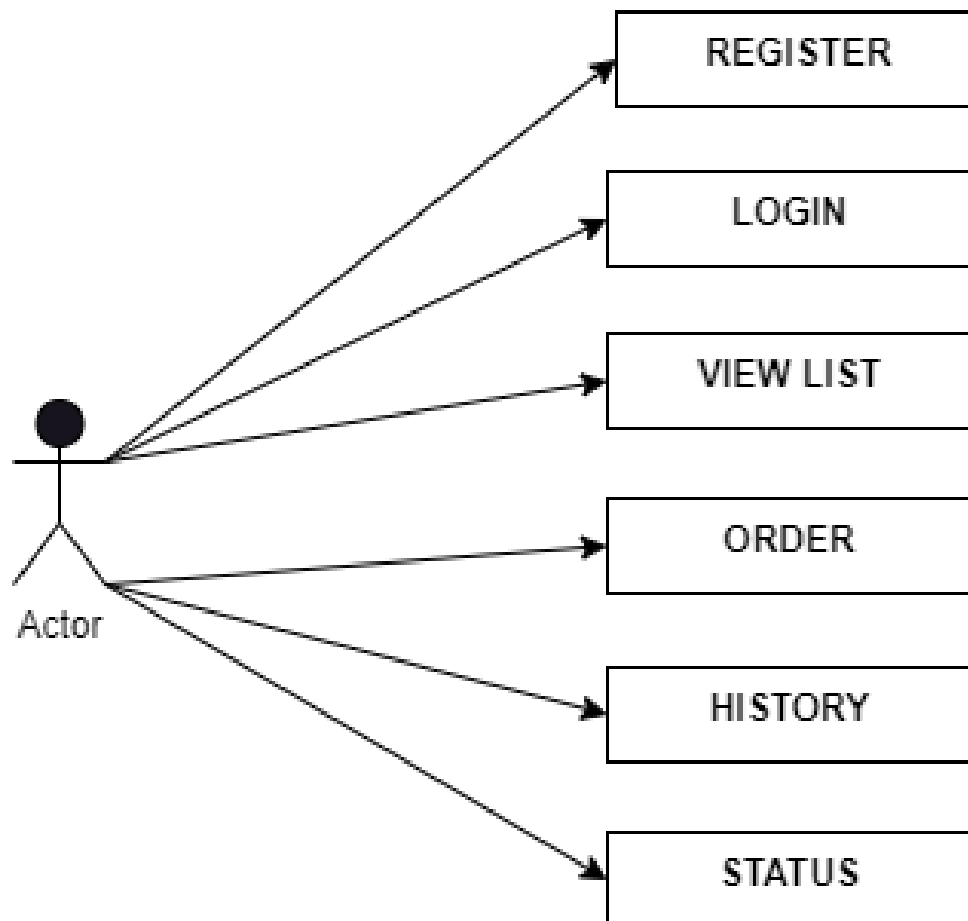
- 1. User Acceptance:** Assessing the readiness and acceptance of target users for adopting an online platform for purchasing alcoholic beverages is crucial. Conducting surveys, focus groups, or beta testing can provide insights into user preferences and expectations.
- 2. Technical Infrastructure:** Ensuring the availability of stable internet connectivity and compatible devices (smartphones or tablets) among the target user demographic is essential for the successful operation of the application.
- 3. Training and Support:** Providing adequate training and support to users, including guidance on navigating the application, placing orders, and resolving common issues, enhances user satisfaction and reduces operational challenges.
- 4. Scalability:** Designing the application with scalability in mind allows for seamless expansion to accommodate growing user demand, increased product inventory, and additional features, ensuring long-term operational viability.
- 5. Security Measures:** Implementing robust security measures, including data encryption, secure payment gateways, and user authentication mechanisms, safeguards sensitive user information and ensures a secure browsing and purchasing environment.

# Requirement analysis

- 1. User Requirements:** Gather user requirements through surveys, interviews, and user feedback sessions to understand their preferences, expectations, and pain points related to purchasing alcoholic beverages online. Identify features such as intuitive navigation, personalized recommendations, and secure payment options that enhance user experience.
- 2. Functional Requirements:** Define the core functionalities of the application, including user registration/authentication, browsing/searching for products, adding items to cart, placing orders, order tracking, and managing user profiles. Prioritize features based on user needs and technical feasibility.
- 3. Non-functional Requirements:** Specify non-functional requirements such as performance, security, reliability, and scalability. For example, the application should load quickly, handle concurrent user requests securely, ensure data privacy, and scale seamlessly to accommodate increasing user traffic and product inventory.
- 4. System Architecture:** Design the system architecture, including the client-side (Android application) and server-side components (backend server and database). Define the communication protocols, data flow, and integration points between different system modules.
- 5. Database Design:** Analyze the data requirements and design the database schema to store product information, user profiles, order details, and other relevant data. Consider factors such as data normalization, indexing, and query optimization to ensure efficient data retrieval and manipulation.

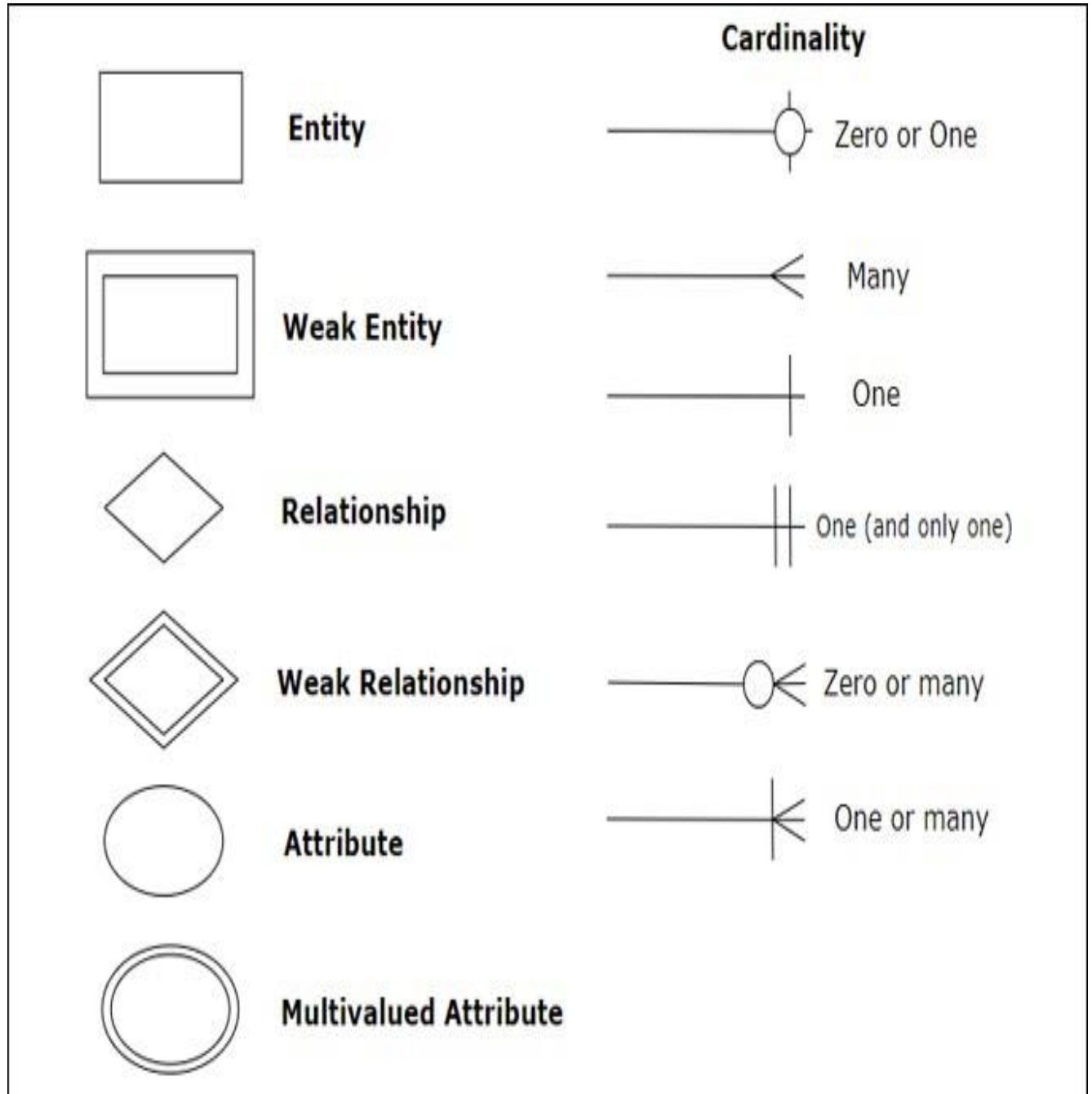
- 6. User Interface Design:** Create wireframes and prototypes to visualize the user interface (UI) design. Focus on usability, consistency, and accessibility to ensure a positive user experience across different screen sizes and device types.
- 7. Integration Requirements:** Define integration requirements for third-party services such as payment gateways, shipping providers, and analytics platforms. Ensure seamless integration and interoperability with external systems to enhance the functionality and effectiveness of the application.
- 8. Documentation:** Create documentation including requirements specifications, system architecture diagrams, database schemas, UI designs, and testing plans. Maintain thorough documentation to facilitate collaboration among team members and support ongoing maintenance and enhancements.

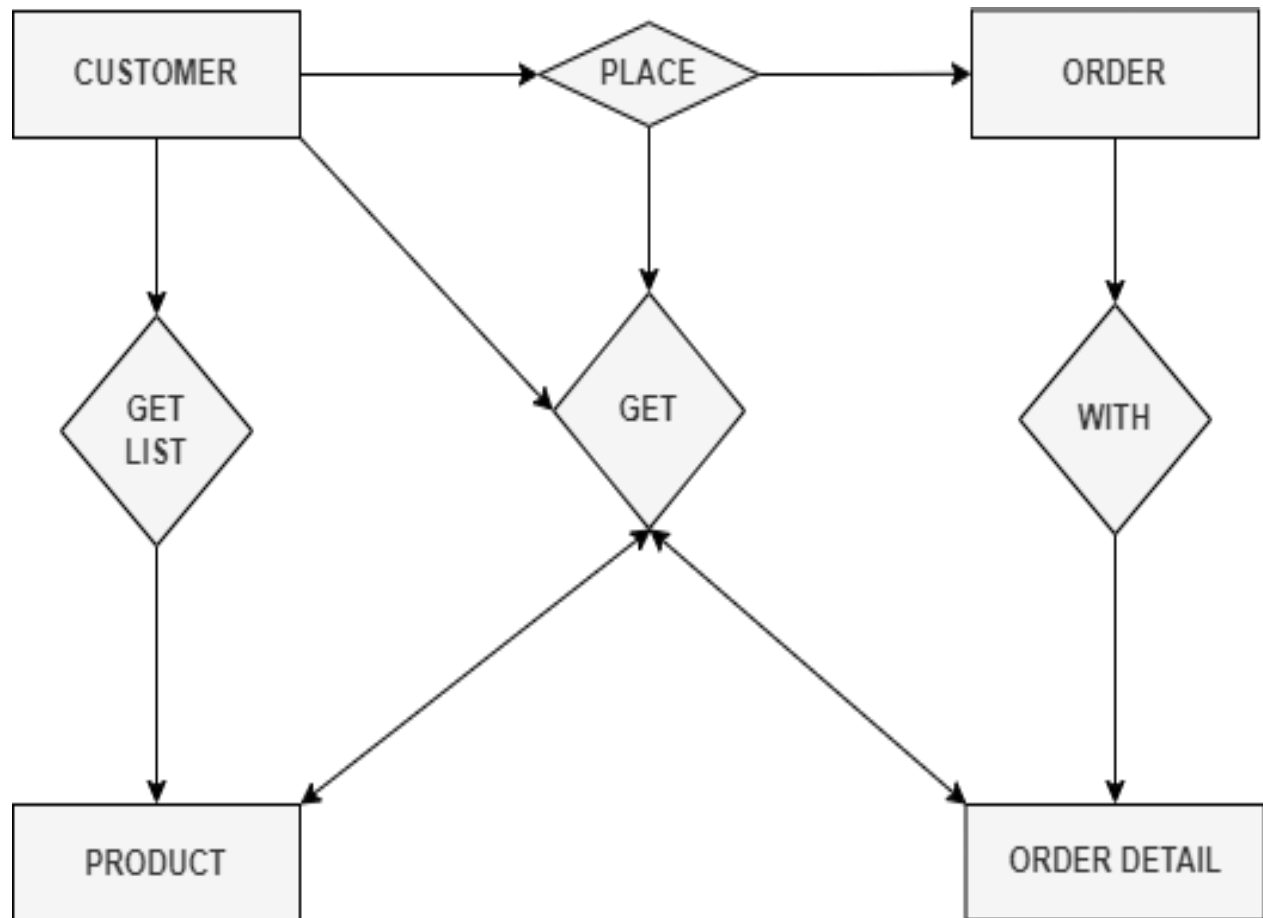
# Use case Diagram




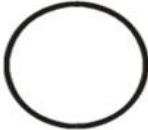




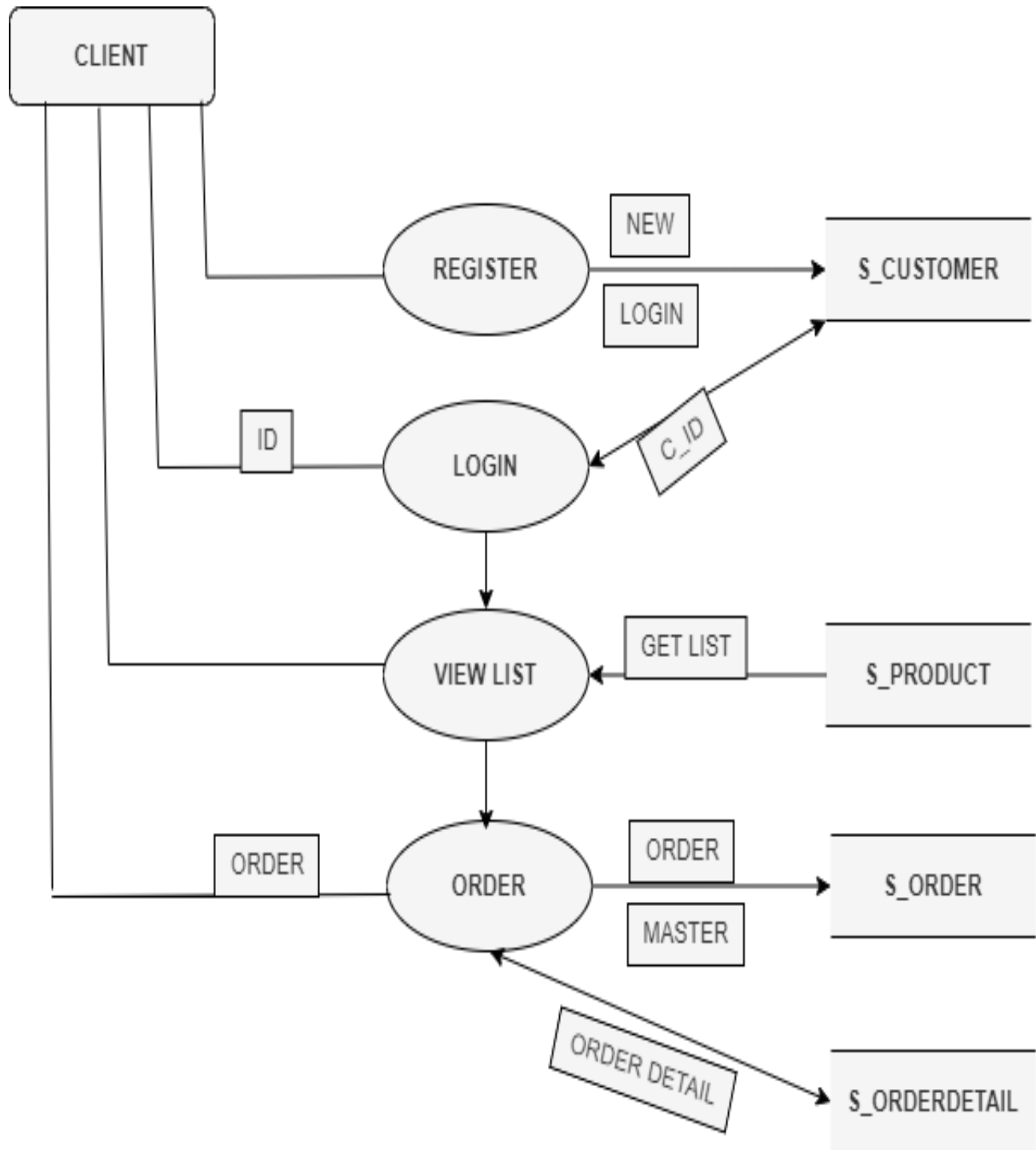
# E-R Diagram



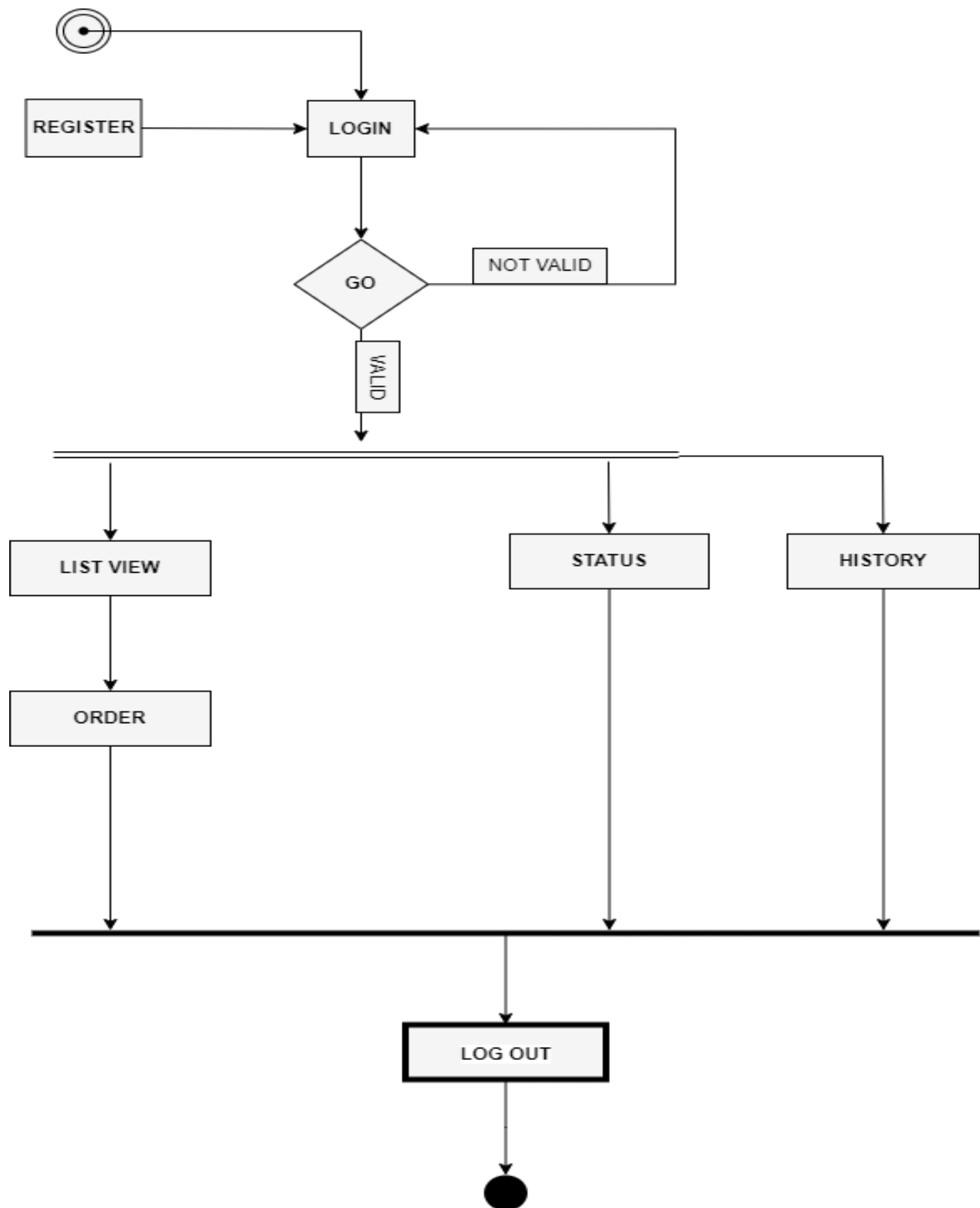


# Data Flow Diagram

	<b>dataflow</b>	<b>Arrows showing direction of flow</b>
	<b>process</b>	<b>circles</b>
	<b>file</b>	<b>horizontal pair of lines</b>
	<b>data-source, sink</b>	<b>rectangular box</b>



# Activity Diagram



# Database Creation

## Tables

### 1. s\_customer

Field	Type	Key	Extra
c_id	Int(5)	PRIMARY	auto_increment
c_name	varchar(30)	--	--
c_addr	varchar(100)	--	--
c_city	varchar(50)	--	--
c_email	varchar(50)	--	--
c_pass	varchar(20)	--	--
c_mob	varchar(15)	--	--

### 2. s\_order

Field	Type	Key	Other
o_id	Int	PRIMARY	auto_increment
c_id	Int		
o_date	varchar(20)	--	--
o_add	varchar(25)	--	--
o_grandtotal	varchar(5000)	--	--
o_sellstat	varchar(100)	--	--

### 3. s\_orderdetail

Field	Type	Key	Other
tid	Int	--	--
o_id	Int	--	--
p_id	Int	--	--
o_qty	int	--	--
o_rate	int	--	--
o_amt	int	--	--

### 4. s\_product

Field	Type	Key	Other
P_id	Int	--	--
P_name	Varchar(30)	--	--
P_rate	Varchar(30)	--	--
P_unit	varchar(10)	--	--
P_img	Varchar(30)	--	--
P_category	Varchar(30)	--	--

# Software Testing

Before implementing the new system into operations, a test run of the system is done removing all the bugs, if any. It is an important phase of a successful system. After codifying the whole programs of the system, a test plan should be developed and run on a given set of test data. The output of the test run should match the expected results. Sometimes, system testing is considered as a part of implementation process.

**Using the test data following test run are carried out:**

## **Program test:**

When the programs have been coded and compiled and brought to working conditions, they must be individually tested with the prepared test data. All verification and validation be checked and any undesirable happening must be noted and debugged (error corrected).

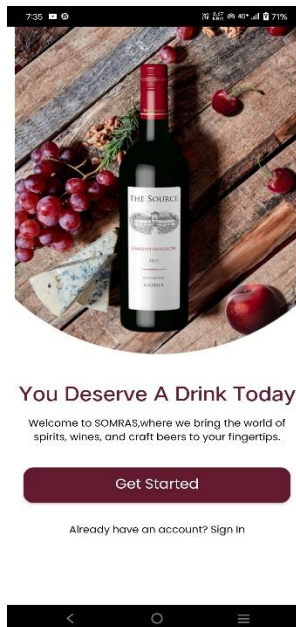
## **System test:**

After carrying out the program test for each of the programs of the system and errors removed, then system test is done. I prepared test cases to test my project with various aspects like testing, module testing, integrity testing, etc.



# User interface Designs (snapshots) and source code

## ❖ Intro.java



```
package com.example.somras;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
import android.annotation.SuppressLint;
```

```
import android.content.Intent;
```

```
import android.os.Bundle;
```

```
import android.view.View;
```

```
import android.widget.Button;
```

```
import android.widget.TextView;
```

```
public class Intro extends AppCompatActivity {
```

```
    Button button;
```

```
    TextView tv1;
```

```
    @SuppressWarnings("MissingInflatedId")
```

```
    @Override
```

```

protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_intro);
    tv1=findViewById(R.id.SIGNUP);
    button=findViewById(R.id.introbtn);
    button.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent i=new Intent(Intro.this,Login.class);
            startActivity(i);
        }
    });
    tv1.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent i=new Intent(Intro.this, Signup.class);
            startActivity(i);
        }
    });
}

```

### ❖ 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=".Intro">
<ScrollView
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.0"
    app:layout_constraintStart_toStartOf="parent"
    android:background="@color/white"
    app:layout_constraintTop_toTopOf="parent">
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"

```

```

android:orientation="vertical" >
<ImageView
    android:id="@+id/imageView2"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:src="@drawable/intro"
/>
<TextView
    android:id="@+id/introhead"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:fontFamily="@font/poppins"
    android:layout_marginTop="40dp"
    android:text="You Deserve A Drink Today"
    android:textAlignment="center"
    android:textColor="@color/main"
    android:textSize="30dp"
    android:textStyle="bold" />
<TextView
    android:id="@+id/introdesc"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="16dp"
    android:fontFamily="@font/poppins"
    android:text="Welcome to SOMRAS,where we bring the world of spirits, wines, and
craft beers to your fingertips."
    android:textAlignment="center"
    android:textColor="@color/black"
    android:textSize="18sp" />
<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/introbtn"
    android:layout_marginTop="20sp"
    android:layout_width="match_parent"
    android:layout_height="55dp"
    android:text="Get Started"
    android:textSize="25sp"
    android:layout_marginStart="24dp"
    android:layout_marginEnd="24dp"
    style="@android:style/Widget.Button"
    android:textColor="@color/white"

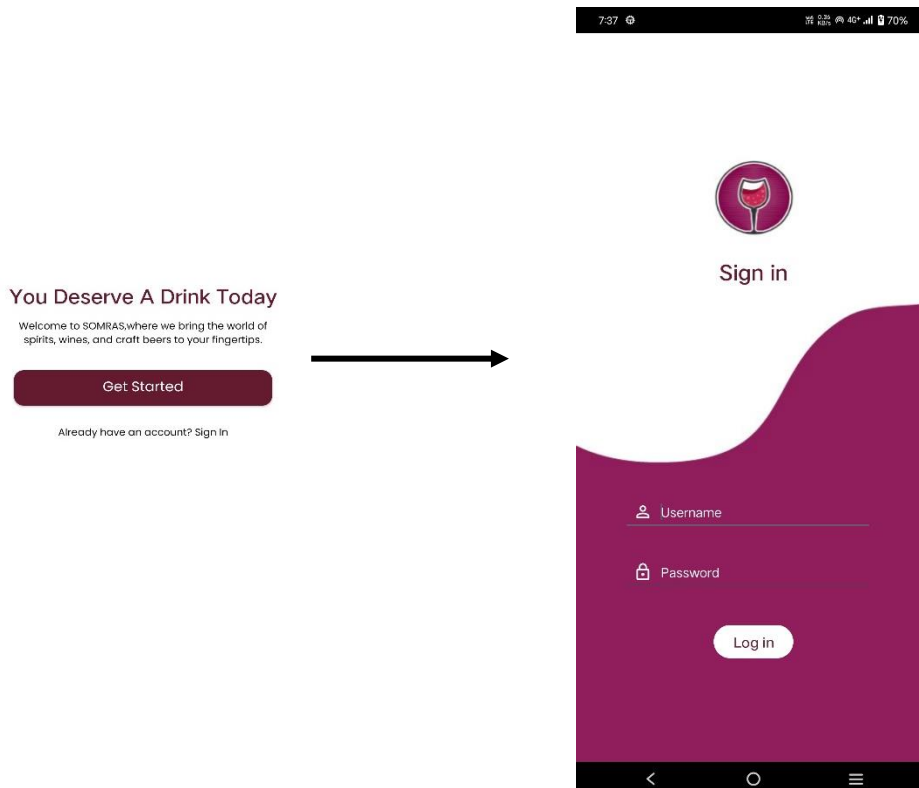
```

```

        android:fontFamily="@font/poppins"
        android:background="@drawable/container"/>
<TextView
    android:id="@+id/SIGNUP"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Already have an account? Sign In"
    android:layout_marginTop="30dp"
    android:textAlignment="center"
    android:textSize="18sp"
    android:textColor="@color/black"
    android:fontFamily="@font/poppins"
/>
</LinearLayout>
</ScrollView>
</androidx.constraintlayout.widget.ConstraintLayout>

```

## ❖ Login.java



```
package com.example.somras;

import androidx.annotation.Nullable;
import androidx.appcompat.app.AppCompatActivity;

import android.content.Context;
import android.content.Intent;
import android.net.ConnectivityManager;
import android.net.NetworkInfo;
import android.net.wifi.WifiInfo;
import android.net.wifi.WifiManager;
import android.os.AsyncTask;
import android.os.Bundle;
import android.text.format.Formatter;
import android.util.Log;
import android.view.View;
import android.widget.AdapterView;
import android.widget.EditText;
import android.widget.Toast;

import com.android.volley.AuthFailureError;
import com.android.volley.Request;
import com.android.volley.RequestQueue;
import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.StringRequest;
import com.android.volley.toolbox.Volley;
import com.google.android.material.button.MaterialButton;

import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;

import java.io.BufferedReader;
import java.io.InputStreamReader;
import java.net.HttpURLConnection;
import java.net.URL;
import java.util.ArrayList;
import java.util.HashMap;
import java.util.List;
import java.util.Map;

public class Login extends AppCompatActivity {
    EditText un, pass;
    MaterialButton btn;
```

```
Globalclass ob = new Globalclass();
```

```
String url = ob.ip + "login.php";//"http://192.168.1.10/bca6/login.php";
String id, name, addr, city, email, mob;
```

```
@Override
```

```
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_login);
    unm = findViewById(R.id.username);
    pass = findViewById(R.id.password);
    btn = findViewById(R.id.loginbtn);
```

```
btn.setOnClickListener(new View.OnClickListener() {
```

```
    @Override
```

```
    public void onClick(View v) {
        name = unm.getText().toString();
        String pwd = pass.getText().toString();
```

```
        if (!name.equals("") && !pass.equals("")) {
```

```
            StringRequest stringRequest = new StringRequest(Request.Method.POST, url,
                new Response.Listener<String>() {
```

```
                @Override
```

```
                public void onResponse(String response) {
```

```
                    if (response.trim().length() != 0) {
```

```
                        try {
```

```
                            JSONObject jsonObject = new JSONObject(response);
```

```
                            JSONArray result = jsonObject.getJSONArray("data1");//php key na
```

```
                            for (int i = 0; i < result.length(); i++) {
```

```
                                JSONObject jo = result.getJSONObject(0);
```

```
                                id = jo.getString("c_id");
```

```
                                name = jo.getString("c_name");
```

```
                                addr = jo.getString("c_addr");
```

```
                                city = jo.getString("c_city");
```

```
                                email = jo.getString("c_email");
```

```
                                mob = jo.getString("c_mob");
```

```
                            }
```

```
                            if (id.length() != 0) {
```

```
                                ((Globalclass) getApplication()).cname = name;
```

```
                                ((Globalclass) getApplication()).cid = id;
```

```
                                ((Globalclass) getApplication()).cemail = email;
```

```

        ((Globalclass) getApplication()).cmob = mob;
        ((Globalclass) getApplication()).ccity = city;
        ((Globalclass) getApplication()).caddr = addr;
        Intent i = new Intent(Login.this, Menu.class);
        startActivity(i);
    } else {
        Toast.makeText(Login.this, "Not found", Toast.LENGTH_SHORT).show();
    }
    //}

    } catch (JSONException e) {
        Toast.makeText(Login.this, e.toString(), Toast.LENGTH_SHORT).show();
        e.printStackTrace();
    }
}

}, new Response.ErrorListener() {
@Override
public void onErrorResponse(VolleyError error) {
    Toast.makeText(Login.this, "" + error, Toast.LENGTH_LONG).show();
} }) {
@Override
protected Map<String, String> getParams() throws AuthFailureError {
    Map<String, String> data = new HashMap<>();
    data.put("username", name);
    data.put("password", pwd);
    return data;
}
};
RequestQueue requestQueue = Volley.newRequestQueue(getApplicationContext());
requestQueue.add(stringRequest);
} else {
    Toast.makeText(Login.this, "empty field", Toast.LENGTH_SHORT).show();
}
}

```

### ❖ 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"
    android:background="@drawable/login"
    tools:context=".Login">
    <EditText

```

```

        android:id="@+id/username"
        android:layout_width="306dp"
        android:layout_height="48dp"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_alignParentEnd="true"
        android:layout_alignParentBottom="true"
        android:drawableLeft="@drawable/username_logo"
        android:drawablePadding="12sp"
        android:text="kunal"
        android:hint="Username"
        android:padding="12dp"
        android:textColor="@color/white"
        android:textColorHint="@color/white"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.447"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.666" />
    <EditText
        android:id="@+id/password"
        android:layout_width="306dp"
        android:layout_height="48dp"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_alignParentEnd="true"
        android:layout_alignParentBottom="true"
        android:drawableLeft="@drawable/password_logo"
        android:drawablePadding="12sp"
        android:hint="Password"
        android:text="kk1234"
        android:padding="12dp"
        android:textColor="@color/white"
        android:textColorHint="@color/white"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.447"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.753" />
    <TextView
        android:id="@+id/signin"
        android:layout_width="113dp"
        android:layout_height="47dp"
        android:layout_alignParentStart="true"

```



```

        android:layout_alignParentTop="true"
        android:layout_alignParentEnd="true"
        android:layout_alignParentBottom="true"
        android:gravity="center"
        android:text="Sign in"
        android:textColor="@color/main"
        android:textSize="30sp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.318" />
<com.google.android.material.button.MaterialButton
        android:id="@+id/loginbtn"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_alignParentEnd="true"
        android:layout_alignParentBottom="true"
        android:backgroundTint="@color/white"
        android:text="Log in"
        android:textColor="@color/main"
        android:textSize="20sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.854" />
</androidx.constraintlayout.widget.ConstraintLayout>

```

## ❖ Signup.java



```
package com.example.somras;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.Toast;

import com.android.volley.Request;
import com.android.volley.RequestQueue;
import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.StringRequest;
import com.android.volley.toolbox.Volley;

import java.util.HashMap;
import java.util.Map;

public class Signup extends AppCompatActivity {
    EditText et_username;
    EditText et_address;
    EditText et_city;
    EditText et_email;
    EditText et_mobile;
    EditText et_password;
    EditText et_confirmpassword;
    Globalclass ob=new Globalclass();
```

```

@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_signup);
    et_username = findViewById(R.id.et_username);
    et_address = findViewById(R.id.et_address);
    et_city = findViewById(R.id.et_city);
    et_email = findViewById(R.id.et_email);
    et_mobile = findViewById(R.id.et_mob);
    et_password = findViewById(R.id.et_pwd);
    et_confirmpassword = findViewById(R.id.et_conpwd)
    public void registration(View view) {
        String username = et_username.getText().toString();
        String address = et_address.getText().toString();
        String city = et_city.getText().toString();
        String email = et_email.getText().toString();
        String mobile = et_mobile.getText().toString();
        String password = et_password.getText().toString();
        // Toast.makeText(Registration.this, username + address + city + email + mobile + password,
        Toast.LENGTH_SHORT).show();
        RequestQueue queue = Volley.newRequestQueue(getApplicationContext());
        String url = ob.ip+"signup.php";//"http://192.168.122.243/bca6/signup.php";
        StringRequest stringRequest = new StringRequest(Request.Method.POST, url,
            new Response.Listener<String>() {
                @Override
                public void onResponse(String response) {
                    if (response.equals("Success")) {
                        Toast.makeText(Signup.this, "Successfull added", Toast.LENGTH_SHORT).show();
                    } else {
                        Toast.makeText(Signup.this, response, Toast.LENGTH_SHORT).show();
                    }
                }
            }, new Response.ErrorListener() {
                @Override
                public void onErrorResponse(VolleyError error) {
                    Toast.makeText(Signup.this, "That didn't work!" + error, Toast.LENGTH_SHORT).show();
                }
            }) {
            protected Map<String, String> getParams() {
                Map<String, String> params = new HashMap<>();
                params.put("username", username);
                params.put("addr", address);
                params.put("city", city);
            }
        }
    }
}

```

```

        params.put("pass", password);
        params.put("email", email);
        params.put("phone", mobile);
        return params
    }
};
queue.add(stringRequest);

```

### ❖ activity\_signup.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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="@drawable/signup"
    android:orientation="vertical"
    android:gravity="center"

    tools:context=".Signup">
<androidx.cardview.widget.CardView

    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="30dp"
    app:cardCornerRadius="30dp"
    app:cardElevation="20dp">

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_gravity="center_horizontal"
    android:background="@drawable/container"
    android:orientation="vertical"
    android:padding="24dp">

<TextView
    android:id="@+id/txt_registrstion"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Sign up"
    android:textAlignment="center"
    android:textColor="@color/white"
    android:textSize="30sp" />

```

```

<EditText
    android:id="@+id/et_username"
    android:layout_width="match_parent"
    android:layout_height="55dp"
    android:layout_marginTop="40dp"
    android:drawableLeft="@drawable/username_logo"
    android:drawablePadding="8dp"
    android:hint="Username"
    android:textColorHint="@color/white"
    android:padding="8dp"
    android:textColor="@color/white" />

```

```

<EditText
    android:id="@+id/et_address"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_marginTop="10dp"
    android:drawableLeft="@drawable/location"
    android:drawablePadding="8dp"
    android:hint="Address"
    android:textColorHint="@color/white"
    android:padding="8dp"
    android:textColor="@color/white" />

```

```

<EditText
    android:id="@+id/et_city"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_marginTop="10dp"
    android:drawableLeft="@drawable/city_location"
    android:drawablePadding="8dp"
    android:hint="City"
    android:padding="8dp"
    android:textColorHint="@color/white"
    android:textColor="@color/white" />

```

```

<EditText
    android:id="@+id/et_pwd"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_marginTop="10dp"
    android:drawableLeft="@drawable/password_logo"
    android:drawablePadding="8dp"

```

```

    android:hint="Password"
    android:padding="8dp"
    android:textColor="@color/white"
    android:textColorHint="@color/white" />

```

```

<EditText
    android:id="@+id/et_conpwd"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_marginTop="10dp"
    android:drawableLeft="@drawable/password_logo"
    android:drawablePadding="8dp"
    android:hint="Confirm Password"
    android:inputType="textPassword"
    android:padding="8dp"
    android:textColor="@color/white"
    android:textColorHint="@color/white" />

```

```

<EditText
    android:id="@+id/et_email"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_marginTop="10dp"
    android:drawableLeft="@drawable/outline_email_24"
    android:drawablePadding="8dp"
    android:hint="Email"
    android:padding="8dp"
    android:textColor="@color/white"
    android:textColorHint="@color/white" />

```

```

<EditText
    android:id="@+id/et_mob"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_marginTop="10dp"
    android:drawableLeft="@drawable/telephone"
    android:drawablePadding="8dp"
    android:hint="Contact"
    android:padding="8dp"
    android:textColorHint="@color/white"
    android:textColor="@color/white" />

```

```

<Button
    android:id="@+id/btn_registration"

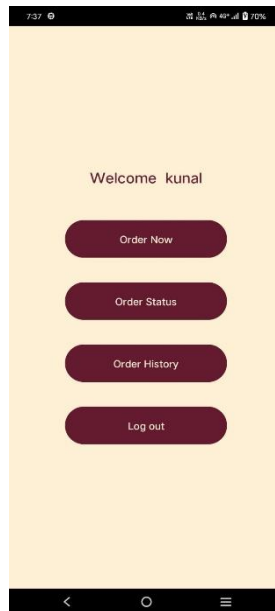
```

```

        android:layout_width="200dp"
        android:layout_height="60dp"
        android:layout_marginTop="30dp"
        android:layout_gravity="center"
        android:backgroundTint="@color/white"
        android:onClick="registration"
        android:text="Sign up"
        android:textColor="@color/main"
        android:textSize="25sp"
        app:cornerRadius="20dp" />
    </LinearLayout>
</androidx.cardview.widget.CardView>
</LinearLayout>

```

## ❖ Menu.java



```

package com.example.somras;
import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.TextView;
public class Menu extends AppCompatActivity {
    TextView welcome;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_menu);
        welcome=findViewById(R.id.welcometxt);
    }
}

```

```

        welcome.setText("Welcome " + ((Globalclass) this.getApplication()).cname);
    }

    public void ordernow(View view) {
        Intent i=new Intent(Menu.this, Dashboard.class);
        startActivity(i);
    }
    public void checkHistory(View view) {
        Intent i=new Intent(Menu.this, Orderhistory.class);
        startActivity(i);
    }
    public void logout(View view) {
        ((Globalclass) getApplication()).c = 0;
        Intent i=new Intent(Menu.this, Intro.class);
        startActivity(i);
    }
}

```

### ❖ activity\_signup.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Menu"
    android:background="@color/beige">
    <androidx.constraintlayout.widget.ConstraintLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent">
        <LinearLayout
            android:layout_width="302dp"
            android:layout_height="692dp"
            android:gravity="center"
            android:orientation="vertical"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.495"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.577">
            <TextView
                android:id="@+id/welcometxt"
                android:layout_width="match_parent"

```



```

        android:textColor="@color/main"
        android:textSize="26sp"
        android:textAlignment="center"
        android:textStyle="bold"
        android:layout_marginBottom="50dp"
        android:layout_height="wrap_content"
        android:text="TextView" />
<Button
    android:id="@+id/OrderBtn"
    android:layout_marginBottom="32dp"
    android:layout_width="257dp"
    android:layout_height="67dp"
    android:backgroundTint="@color/main"
    android:fontFamily="@font/poppins"
    android:text="Order Now"
    android:textColor="@color/beige"
    android:textSize="18sp"
    android:textStyle="bold"
    tools:ignore="MissingConstraints"
    tools:layout_editor_absoluteX="77dp"
    tools:layout_editor_absoluteY="181dp"
    android:onClick="ordernow"/>

<Button
    android:id="@+id/OrderStatBtn"
    android:layout_width="257dp"
    android:layout_marginBottom="32dp"
    android:layout_height="67dp"
    android:backgroundTint="@color/main"
    android:fontFamily="@font/poppins"
    android:text="Order Status"
    android:textColor="@color/beige"
    android:textSize="18sp"
    android:textStyle="bold"
    tools:ignore="MissingConstraints"
    tools:layout_editor_absoluteX="77dp"
    tools:layout_editor_absoluteY="181dp" />
<Button
    android:id="@+id/OrderHistorybtn"
    android:layout_width="257dp"
    android:layout_height="67dp"
    android:layout_marginBottom="32dp"
    android:backgroundTint="@color/main"
    android:fontFamily="@font/poppins"

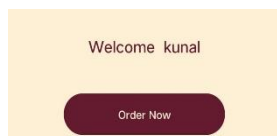
```

```

        android:text="Order History"
        android:onClick="checkHistory"
        android:textColor="@color/beige"
        android:textSize="18sp"
        android:textStyle="bold"
        tools:ignore="MissingConstraints"
        tools:layout_editor_absoluteX="77dp"
        tools:layout_editor_absoluteY="181dp" />
    <Button
        android:id="@+id/Logout"
        android:layout_width="257dp"
        android:layout_height="67dp"
        android:layout_marginBottom="32dp"
        android:onClick="logout"
        android:backgroundTint="@color/main"
        android:fontFamily="@font/poppins"
        android:text="Log out"
        android:textColor="@color/beige"
        android:textSize="18sp"
        android:textStyle="bold"
        tools:ignore="MissingConstraints"
        tools:layout_editor_absoluteX="77dp"
        tools:layout_editor_absoluteY="181dp" />
</LinearLayout>
</androidx.constraintlayout.widget.ConstraintLayout>
</LinearLayout>

```

## ❖ Dashboard.java



```

package com.example.somras;

import android.os.AsyncTask;
import android.os.Bundle;
import android.util.Log;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.GridLayoutManager;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;

import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;

import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStream;
import java.io.InputStreamReader;
import java.lang.reflect.Array;
import java.net.HttpURLConnection;
import java.net.URL;
import java.util.ArrayList;

public class Dashboard extends AppCompatActivity {
    RecyclerView catview, bestdealsview;
    RecyclerView.Adapter catadaptor;
    Bestviewadaptor bestdealadaptor;
    ArrayList<Integer> cat;
    String pid[], pname[], prate[], punit[], pcategory[];
    int ping[];
    Globalclass ob = new Globalclass();

    RecyclerView.LayoutManager layoutManager;

    //int cat[]={R.drawable.beer,R.drawable.cat3,R.drawable.cat2,R.drawable.cat1};
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_dashboard);
        initRecyclerviewCat();
        initRecyclerviewBestdeal();
    }

```

```

private void initRecyclerviewBestdeal() {
    bestdealsview = findViewById(R.id.bestview);
    layoutManager = new GridLayoutManager(this,2);
    bestdealsview.setLayoutManager(layoutManager);
    new FetchDataTask().execute();

//    bestdealsview.setAdapter(bestdealadaptor);
}

private void initRecyclerviewCat() {
    cat = new ArrayList<>();
    cat.add(R.drawable.beer);
    cat.add(R.drawable.item3);
    cat.add(R.drawable.item5);
    cat.add(R.drawable.cat3);
    String catname[]={"beer","whisky","wine","vodka"};

    catview = findViewById(R.id.catview);
    catadaptor = new Catadaptor(cat,catname);
    layoutManager = new LinearLayoutManager(Dashboard.this,
LinearLayoutManager.HORIZONTAL, false);
    catview.setLayoutManager(layoutManager);
    catview.setAdapter(catadaptor);
}

class FetchDataTask extends AsyncTask<String, Void, String>
{

    @Override
    protected String doInBackground(String... strings) {
        try {
            String ipurl = ob.ip+"read.php";

            URL url = new URL(ipurl);

            HttpURLConnection connection = (HttpURLConnection) url.openConnection();
            InputStream inputStream = connection.getInputStream();
            BufferedReader bufferedReader = new BufferedReader(new
InputStreamReader(inputStream));
            StringBuilder stringBuilder = new StringBuilder();
            String line;

```

```

        while ((line = bufferedReader.readLine()) != null){
            stringBuilder.append(line).append("\n");
        }
        bufferedReader.close();
        inputStream.close();
        connection.disconnect();
        return stringBuilder.toString();
    }catch (IOException e){
        Toast.makeText(Dashboard.this, "error 1"+e,Toast.LENGTH_LONG).show();
        e.printStackTrace();
        return null;
    }
}

@Override
protected void onPostExecute(String result)
{
    try {
        JSONArray jsonArray = new JSONArray(result);
        String arr[] = new String[jsonArray.length()];
        pid = new String[jsonArray.length()];
        pname = new String[jsonArray.length()];
        prate = new String[jsonArray.length()];
        punit = new String[jsonArray.length()];
        pimg = new int[jsonArray.length()];
        pcategory = new String[jsonArray.length()];
        //Toast.makeText(Recycle.this,""+jsonArray.length(), Toast.LENGTH_SHORT).show();
        for (int i=0 ; i < jsonArray.length();i++){
            JSONObject jsonObjact = jsonArray.getJSONObject(i);
            String code = jsonObjact.getString("p_id");
            String name = jsonObjact.getString("p_name");
            String rate = jsonObjact.getString("p_rate");
            String unit = jsonObjact.getString("p_unit");
            String image = jsonObjact.getString("p_img");
            String category = jsonObjact.getString("p_category");

            pid[i]=code;
            pname[i]=name;
            prate[i]=rate;
            punit[i]=unit;
            pimg[i]=image;
            pcategory[i]=category;
            int sid=getResources().getIdentifier(image,"drawable",getPackageName());
            pimg[i]=sid;
        }
    }
}

```

```

        arr[i]=code+"-"+name+"-"+rate+"-"+unit+"-"+image+"-"+category+"-"+pimg[i];
    }
    bestdealadaptor=new Bestviewadaptor(Dashboard.this,
pid,pimg,pname,prate,punit,pcategory);
    bestdealsview.setAdapter(bestdealadaptor);
    bestdealsview.setHasFixedSize(true);
    Log.d("AdapterData", "ItemCount: " + bestdealadaptor.getItemCount());

    }catch (JSONException e ){
        Toast.makeText(Dashboard.this, "error 2"+e,Toast.LENGTH_LONG).show();
        e.printStackTrace();
    }
}
}
}

```

### ❖ activity\_dashboard.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/light_wine"
    android:layout_height="match_parent"
    tools:context=".Dashboard">

    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_marginStart="4dp"
        app:layout_constraintBottom_toBottomOf="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:fontFamily="@font/poppins"
            android:orientation="vertical"

            tools:ignore="InvalidId">

```

```

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="horizontal"
    android:layout_marginStart="24dp"
    android:layout_marginEnd="24dp"
    android:layout_marginTop="15dp"/>

<androidx.constraintlayout.widget.ConstraintLayout
    android:layout_width="match_parent"
    android:layout_height="170dp"
    android:background="@drawable/light_wine"
    android:layout_marginTop="10dp"
    android:layout_marginBottom="10dp"
    android:layout_marginStart="24dp"
    android:layout_marginEnd="24dp"
    >

<ImageView
    android:id="@+id/imageView"
    android:layout_width="180dp"
    android:layout_height="206dp"
    android:layout_marginEnd="4dp"
    android:src="@drawable/winebg"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.0" />

<TextView
    android:id="@+id/textViewoffer"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="28dp"
    android:layout_marginTop="24dp"
    android:fontFamily="@font/poppins"
    android:text="Up to 30% discount on \n first purchase"
    android:textStyle="bold"
    android:textSize="16dp"
    android:textColor="@color/main"
    android:textAlignment="center"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />

```

```

        <androidx.appcompat.widget.AppCompatButton
            android:id="@+id/shopnow"
            style="@android:style/Widget.Button"
            android:layout_width="90dp"
            android:layout_height="35dp"
            android:layout_marginBottom="32dp"
            android:background="@drawable/container"
            android:text="Shop Now"
            android:textColor="@color/beige"
            android:textSize="14dp"
            android:textStyle="bold"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintStart_toStartOf="@+id/textViewoffer" />

    </androidx.constraintlayout.widget.ConstraintLayout>
<TextView
    android:id="@+id/textViewcat"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:fontFamily="@font/poppins"
    android:text="Category"
    android:textSize="20sp"
    android:layout_marginStart="24dp"
    android:layout_marginTop="12dp"
    android:textColor="@color/beige"/>
    <androidx.recyclerview.widget.RecyclerView
        android:id="@+id/catview"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:clipToPadding="false"
        android:paddingStart="12dp"
        android:fontFamily="@font/poppins"
        android:paddingEnd="12dp" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_marginStart="24dp"
        android:layout_marginTop="12dp"
        android:layout_marginEnd="24dp"
        android:orientation="horizontal">

    <TextView
        android:id="@+id/textViewbestdeal"

```



```

        android:layout_width="289dp"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:fontFamily="@font/poppins"
        android:text="Products"
        android:textColor="@color/beige"
        android:textSize="20sp"

        android:textStyle="bold" />

```

```

<TextView
    android:id="@+id/textViewseeall"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:textSize="14dp"
    android:textColor="@color/beige"
    android:fontFamily="@font/poppins"
    android:text="See all" />

```

```

</LinearLayout>

```

```

<androidx.recyclerview.widget.RecyclerView
    android:layout_width="match_parent"
    android:fontFamily="@font/poppins"
    android:layout_marginBottom="100dp"
    android:id="@+id/bestview"
    android:layout_height="match_parent"
    android:clipToPadding="false"
    android:paddingStart="12dp"
    android:paddingEnd="12dp"
    android:layout_weight="1">

```

```

</LinearLayout>

```

```

</ScrollView>

```

```

</androidx.constraintlayout.widget.ConstraintLayout>

```

## ❖ Catadaptor.java

```

package com.example.somras;
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 java.util.ArrayList;
public class Catadaptor extends RecyclerView.Adapter<Catadaptor.MyViewHolder> {
    ArrayList<Integer> cat= new ArrayList<>();
    String name[]
    Context context;
    public Catadaptor(ArrayList<Integer> cat, String[] catname) {
        this.cat = cat;
        this.name=catname;
    }
    @NonNull
    @Override
    public MyViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {
        context=parent.getContext();
        View view= LayoutInflater.from(parent.getContext()).inflate(R.layout.dash_cat,parent,false);
        return new MyViewHolder(view);
    }
    @Override
    public void onBindViewHolder(@NonNull MyViewHolder holder, int position) {
        holder.textView.setText(name[position]);
        Glide.with(context)
            .load(cat.get(position))
            .into(holder.imageView)
    }

    @Override
    public int getItemCount() {
        return cat.size();
    }
}

class MyViewHolder extends RecyclerView.ViewHolder {
    ImageView imageView;
    TextView textView;

    public MyViewHolder(@NonNull View itemView) {
        super(itemView);
        imageView = itemView.findViewById(R.id.cat_view);
        textView = itemView.findViewById(R.id.tvcat);
        itemView.setOnClickListener(new View.OnClickListener() {
            @Override

```

```

        public void onClick(View v) {
            Intent i = new Intent(context, Viewcategory.class);
            i.putExtra("category",name[getAdapterPosition()]);
            context.startActivity(i);
        }
    });
}
}
}
}

```

### ❖ Bestviewadaptor.java

```

package com.example.somras;
import android.app.Activity;
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 android.widget.Toast;
import androidx.annotation.NonNull;
import androidx.recyclerview.widget.RecyclerView;
import com.example.somras.R;
public class Bestviewadaptor extends RecyclerView.Adapter <Bestviewadaptor.myViewHolder>
{
    int aar [];
    String []icode;
    String []iname;
    String []iunit;
    String []icategory;
    String []irate;
    Context context;
    public Bestviewadaptor(Context context , String[] icode, int[] aar, String[] iname, String[] irate, String[]
iunit, String[] icategory)
    {
        this.aar = aar;
        this.icode = icode;
        this.iname = iname;
        this.irate = irate;
        this.iunit = iunit;
        this.icategory = icategory;
        this.context = context;
    }
    //    Toast.makeText(context, icode[1], Toast.LENGTH_SHORT).show();

```

```

    }
    @NonNull
    @Override
    public myViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType)
    {
        View view = LayoutInflater.from(parent.getContext()).inflate(R.layout.dash_bestdeal,parent,false);
        myViewHolder myViewHolder = new myViewHolder(view);
        return (myViewHolder);
    }
    @Override
    public void onBindViewHolder(@NonNull myViewHolder holder, int position)
    {
        holder.imageView.setImageResource(aar[position]);
        holder.textView1.setText(iname[position] );
        holder.textView2.append(irate[position]);
    }
    @Override
    public int getItemCount() {
        return aar.length;
    }
    public class myViewHolder extends RecyclerView.ViewHolder
    {
        ImageView imageView;
        TextView textView1,textView2,textView3;
        public myViewHolder(@NonNull View itemView)
        {
            super(itemView);
            imageView = itemView.findViewById(R.id.bestdealImg);
            textView1 = itemView.findViewById(R.id.bestdealtitle);
            textView2 = itemView.findViewById(R.id.bestdealprice);
            //      textView3 = itemView.findViewById(R.id.textView3);
            itemView.setOnClickListener(new View.OnClickListener() {
                @Override
                public void onClick(View v) {
                    Intent i = new Intent(context, Viewproduct.class);
                    i.putExtra("img",aar[getAdapterPosition()]);
                    i.putExtra("code",icode[getAdapterPosition()]);
                    i.putExtra("name",iname[getAdapterPosition()]);
                    i.putExtra("rate",irate[getAdapterPosition()]);
                    i.putExtra("unit",iunit[getAdapterPosition()]);
                    i.putExtra("category",icategory[getAdapterPosition()]);
                    context.startActivity(i);
                    //      ((Activity) context).finish();
                }
            })
        }
    }

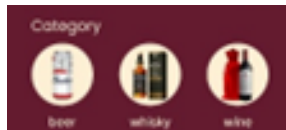
```

```

    });
  }
}

```

## ❖ Viewcategory.java



```

package com.example.somras;
import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.GridLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.AsyncTask;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.AdapterView;
import android.widget.AdapterView.OnItemClickListener;
import android.widget.ArrayAdapter;
import android.widget.TextView;
import android.widget.Toast;
import com.android.volley.AuthFailureError;
import com.android.volley.Request;
import com.android.volley.RequestQueue;
import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.StringRequest;
import com.android.volley.toolbox.Volley;
import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;

```

```

import java.io.InputStream;
import java.io.InputStreamReader;
import java.net.HttpURLConnection;
import java.net.URL;
import java.util.HashMap;
import java.util.Locale;
import java.util.Map;
public class Viewcategory extends AppCompatActivity {
    TextView textView;
    RecyclerView categoryView;
    RecyclerView.LayoutManager layoutManager;
    Globalclass ob = new Globalclass();
    int pimg[];
    String pid[], pname[], prate[], punit[], pcategory[],cat;
    ViewcategoryAdapt viewcategoryAdapt;
    String url = ob.ip + "Viewcategory.php";
    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_viewcategory);
        categoryView=findViewById(R.id.ViewCategory);
        layoutManager = new GridLayoutManager(this,2);
        categoryView.setLayoutManager(layoutManager);
        textView=findViewById(R.id.viewcatname);
        Intent i=getIntent();
        cat=i.getStringExtra("category");
        textView.setText(cat.toUpperCase()+" for You");
        StringRequest stringRequest = new StringRequest(Request.Method.POST, url,
            new Response.Listener<String>() {

                @Override
                public void onResponse(String response) {
                    if (response.trim().length() != 0) {

                        try {
                            JSONObject jsonObject = new JSONObject(response);
                            JSONArray result = jsonObject.getJSONArray("data1");//php key name
                            pid = new String[result.length()];
                            pname = new String[result.length()];
                            prate = new String[result.length()];
                            pimg = new int[result.length()];
                            pcategory = new String[result.length()];
                            punit = new String[result.length()];

```

```

        for (int i = 0; i < result.length(); i++) {
            JSONObject jo = result.getJSONObject(i);
            String code = jo.getString("p_id");
            String name = jo.getString("p_name");
            String rate = jo.getString("p_rate");
            String unit = jo.getString("p_unit");
            String image = jo.getString("p_img");
            String category = jo.getString("p_category");
            pid[i] = code;
            pname[i] = name;
            prate[i] = rate;
            punit[i] = unit;
            pcategory[i] = category;
            int sid = getResources().getIdentifier(image, "drawable", getPackageName());
            pimg[i] = sid;}
        viewcategoryAdapt=new ViewcategoryAdapt(Viewcategory.this,
pid,pimg,pname,prate,punit,pcategory);
        categoryView.setAdapter(viewcategoryAdapt);
    } catch (JSONException e) {
        Log.d("error1",e.toString());
        e.printStackTrace();
    }
}
}
}, new Response.ErrorListener() {
@Override
public void onErrorResponse(VolleyError error) {
    Toast.makeText(Viewcategory.this, "" + error, Toast.LENGTH_LONG).show();
}
}) {
@Override
protected Map<String, String> getParams() throws AuthFailureError {
    Map<String, String> data = new HashMap<>();
    data.put("cat", cat.toLowerCase());
    return data;
}
};
RequestQueue requestQueue = Volley.newRequestQueue(getApplicationContext());
requestQueue.add(stringRequest);
}

```

### ❖ activity\_viewcategory.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=".Viewcategory">
<androidx.recyclerview.widget.RecyclerView
    android:id="@+id/ViewCategory"
    android:layout_width="match_parent"
    android:layout_height="712dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.533"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.629" />
<TextView
    android:id="@+id/viewcatname"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:fontFamily="@font/poppins"
    android:text="TextView"
    android:textColor="@color/main"
    android:textSize="26sp"
    app:layout_constraintBottom_toTopOf="@+id/ViewCategory"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.498"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.687" />
</androidx.constraintlayout.widget.ConstraintLayout>

```



## ❖ Cart.java



```
package com.example.somras;
import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.Toast;
public class Cart extends AppCompatActivity {
    String iqty;
    int globalCnt;
    Button addmore,ordernow;
    RecyclerView cartview;
    Cartadaptor cartAdapter;
    RecyclerView.LayoutManager layoutManager;
    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_cart);
        globalCnt=((Globalclass)getApplication()).c;
        cartview=findViewById(R.id.cartview);
        addmore=findViewById(R.id.addmore);
```

```

        ordernow=findViewById(R.id.cartorder);
        layoutManager = new LinearLayoutManager(Cart.this, LinearLayoutManager.VERTICAL, false);
        cartview.setLayoutManager(layoutManager);
        iqty= ((Globalclass)getApplication()).pqty[globalCnt];
        carthandle();
addmore.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent i=new Intent(Cart.this,Dashboard.class);
        startActivity(i);
    }
});
ordernow.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent i=new Intent(Cart.this,Order.class);
        startActivity(i);
    }
});
}
public void carthandle()
{
    cartAdapter = new Cartadaptor(Cart.this,
        ((Globalclass)getApplication()).pimg,
        ((Globalclass)getApplication()).pid,
        ((Globalclass)getApplication()).pname,
        ((Globalclass)getApplication()).prate,
        ((Globalclass)getApplication()).punit,
        ((Globalclass)getApplication()).pcategory,
        ((Globalclass)getApplication()).pqty,
        ((Globalclass)getApplication()).pamt,
        ((Globalclass)getApplication()).c);

    cartview.setAdapter(cartAdapter);
    cartview.setHasFixedSize(true);
}
}

```

### ❖ 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"
android:background="@drawable/cart"
tools:context=".Cart">

```

```

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    app:layout_constraintStart_toStartOf="parent">

```

```

<LinearLayout
    android:id="@+id/linearLayout3"
    android:layout_width="match_parent"
    android:layout_height="600dp"
    android:orientation="vertical"
    app:layout_constraintTop_toTopOf="parent"
    tools:ignore="MissingConstraints">

```

```

<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="20sp"
    android:fontFamily="@font/poppins"
    android:gravity="center"
    android:text="Cart"
    android:textColor="@color/white"
    android:textSize="30sp"
    android:textStyle="bold" />

```

```

<androidx.recyclerview.widget.RecyclerView
    android:id="@+id/cartview"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_weight="1"
    android:clipToPadding="false"
    android:fontFamily="@font/poppins"
    android:paddingStart="12dp"
    android:paddingEnd="12dp">

```

```

</androidx.recyclerview.widget.RecyclerView>
</LinearLayout>

```

```

<androidx.constraintlayout.widget.ConstraintLayout
    android:layout_width="match_parent"

```

```

android:layout_height="290dp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/linearLayout3">

```

```

<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/addmore"
    style="@android:style/Widget.Button"
    android:layout_width="177dp"
    android:layout_height="60dp"
    android:background="@drawable/container"
    android:drawablePadding="100dp"
    android:fontFamily="@font/poppins"
    android:text="Add more items"
    android:textColor="@color/white"
    android:textSize="20sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.068"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.739"
    tools:ignore="MissingConstraints" />

```

```

<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/cartorder"
    style="@android:style/Widget.Button"
    android:layout_width="177dp"
    android:layout_height="60dp"
    android:background="@drawable/container"
    android:drawablePadding="100dp"
    android:fontFamily="@font/poppins"
    android:text="Order now"
    android:textColor="@color/white"
    android:textSize="20sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.931"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.739"
    tools:ignore="MissingConstraints" />
</androidx.constraintlayout.widget.ConstraintLayout>

```

```

        </LinearLayout>
    </androidx.constraintlayout.widget.ConstraintLayout>

```

## ❖ Cartadaptor.java

```

package com.example.somras;
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;
public class Cartadaptor extends RecyclerView.Adapter<Cartadaptor.MyViewHolder> {
    int aar [];
    int cnt;
    String []icode;
    String []iname;
    String []iunit;
    String []icategory;
    String []irate;
    String []iqty;
    String[] total;
    Context context;
    public Cartadaptor(Context context, int[] aar,String[] icode, String[] iname, String[] irate, String[] iunit,
String[] icategory, String[] iqty, String[] itotal,int cnt) {
        this.aar = aar;
        this.icode = icode;
        this.iname = iname;
        this.iunit = iunit;
        this.icategory = icategory;
        this.irate = irate;
        this.iqty=iqty;
        this.total=itotal;
        this.context=context;
        this.cnt=cnt;
    }
    @NonNull
    @Override
    public MyViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {
        context=parent.getContext();
        View view= LayoutInflater.from(parent.getContext()).inflate(R.layout.cart_detail,parent,false);
        return new Cartadaptor.MyViewHolder(view);  }

```

```

@Override
public void onBindViewHolder(@NonNull MyViewHolder holder, int position) {
    holder.imageView.setImageResource(aar[position]);
    holder.name.setText(iname[position] );
    holder.price.setText("Price: "+irate[position]);
    holder.qty.setText("Qty: "+iqty[position]);
    holder.category.setText(icategory[position]);
    holder.total.setText("Total: "+total[position]);
}
@Override
public int getItemCount() {return cnt;
}
public class MyViewHolder extends RecyclerView.ViewHolder{
    ImageView imageView;
    TextView name,price,qty,total,category;
    public MyViewHolder(@NonNull View itemView)
    {
        super(itemView);
        imageView=itemView.findViewById(R.id.iimg);
        name=itemView.findViewById(R.id.iname);
        price=itemView.findViewById(R.id.iprice);
        qty=itemView.findViewById(R.id.qty);
        category=itemView.findViewById(R.id.icategory);
        total=itemView.findViewById(R.id.itotal);
    }
}

```

## ❖ Viewproduct.java



```

package com.example.somras;
import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;
public class Viewproduct extends AppCompatActivity {
    ImageView iv;
    TextView name,price,dispcount;
    int img;
    int count=1;
    String icode,iname,iunit,icategory,irate;
    static int iqty;
    Button addtocart,increment,decrement;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_viewproduct);
        iv=findViewById(R.id.pimg);
        name=findViewById(R.id.pname);
        price=findViewById(R.id.pprice);
        increment=findViewById(R.id.increment_btn);
        decrement=findViewById(R.id.decrement_btn);
        dispcount=findViewById(R.id.dispcount);
        dispcount.setText("1");
        Intent i=getIntent();
        img =i.getIntExtra("img",0);
        iv.setImageResource(img);
        name.setText(i.getStringExtra("name"));
        price.setText(i.getStringExtra("rate"));
        icode=i.getStringExtra("code");
        iname=i.getStringExtra("name");
        irate=i.getStringExtra("rate");
        iunit=i.getStringExtra("unit");
        icategory=i.getStringExtra("category");
        increment.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                if(count>=10)
                {
                    count=10;

```

```

    }
    else
        count ++;
    dispcount.setText(""+count);
    iqty= Integer.parseInt(String.valueOf(dispcount.getText()));
}
});
decrement.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        if(count<=1)
            count =1;
        else
            count--;
        dispcount.setText(""+count);
        iqty= Integer.parseInt(String.valueOf(dispcount.getText()));
        // Toast.makeText(Viewproduct.this,"qty="+iqty,Toast.LENGTH_LONG).show();
    }
});

addtocart=findViewById(R.id.addtocart);
addtocart.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
//        String f=dispcount.getText().toString();
//        Toast.makeText(Viewproduct.this,"qty="+f,Toast.LENGTH_LONG).show();
        int globalCnt=((Globalclass)getApplication()).c;
        ((Globalclass)getApplication()).pimg[globalCnt]=img;
        ((Globalclass)getApplication()).pid[globalCnt]=icode;
        ((Globalclass)getApplication()).pname[globalCnt]=iname;
        ((Globalclass)getApplication()).prate[globalCnt]=irate;
        ((Globalclass)getApplication()).punit[globalCnt]=iunit;
        ((Globalclass)getApplication()).pqty[globalCnt]= dispcount.getText().toString();
        ((Globalclass)getApplication()).pcategory[globalCnt]=icategory;

        ((Globalclass)getApplication()).pamt[globalCnt]=String.valueOf((Integer.parseInt(dispcount.getText()).
        toString())*Integer.parseInt(irate));
        globalCnt++;
        ((Globalclass)getApplication()).c=globalCnt;
        Intent i = new Intent(Viewproduct.this, Cart.class);
        startActivity(i);

    }
});

```



```

    }
}

```

## ❖ activity\_viewproduct.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="@drawable/cart"
tools:context=".Viewproduct">
    <ImageView
        android:id="@+id/pimg"
        android:layout_width="214dp"
        android:layout_height="229dp"
        android:layout_marginTop="64dp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.498"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
    <TextView
        android:id="@+id/pname"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:fontFamily="@font/poppins"
        android:text="TextView"
        android:textSize="20sp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.301"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.56" />
    <TextView
        android:id="@+id/pprice"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="82dp"
        android:drawableLeft="@drawable/rupee_dark"
        android:fontFamily="@font/poppins"
        android:text="TextView"

```

```

        android:textSize="20sp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.328"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.581" />
<LinearLayout
    android:id="@+id/linearLayout"
    android:layout_width="183dp"
    android:layout_height="49dp"
    android:orientation="horizontal"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.424"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.700"
    tools:ignore="MissingConstraints">
    <Button
        android:id="@+id/decrement_btn"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:layout_gravity="center"
        android:layout_weight="1"
        android:backgroundTint="@color/main"
        android:gravity="center"
        android:text="-"
        android:textColor="@color/white"
        android:textSize="30sp"></Button>
    <TextView
        android:id="@+id/dispcount"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:layout_gravity="center"
        android:layout_weight="1"
        android:background="@drawable/light_wine"
        android:gravity="center"
        android:textColor="@color/black"
        android:textSize="40sp"></TextView>
    <Button
        android:id="@+id/increment_btn"
        android:layout_width="match_parent"

```

```

        android:layout_height="60dp"
        android:layout_gravity="center"
        android:layout_weight="1"
        android:backgroundTint="@color/main"
        android:gravity="center"
        android:textColor="@color/white"
        android:text="+"
        android:textSize="30sp"></Button>
</LinearLayout>
<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/addtocart"
    style="@android:style/Widget.Button"
    android:layout_width="272dp"
    android:layout_height="61dp"
    android:background="@drawable/container"
    android:drawablePadding="100dp"
    android:fontFamily="@font/poppins"
    android:text="Add to cart"
    android:textColor="@color/white"
    android:textSize="25sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.496"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.798"
    tools:ignore="MissingConstraints" />
<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/vordernow"
    style="@android:style/Widget.Button"
    android:layout_width="272dp"
    android:layout_height="61dp"
    android:background="@drawable/container"
    android:drawablePadding="100dp"
    android:fontFamily="@font/poppins"
    android:text="Order Now"
    android:textColor="@color/white"
    android:textSize="25sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.496"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.916"

```

```
tools:ignore="MissingConstraints" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

### ❖ **viewcategoryadaptor.java**

```
package com.example.somras;
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 android.widget.Toast;

import androidx.annotation.NonNull;
import androidx.recyclerview.widget.RecyclerView;

public class ViewcategoryAdapt extends RecyclerView.Adapter <ViewcategoryAdapt.myViewHolder>
{
    int aar [];
    String []icode;
    String []iname;
    String []iunit;
    String []icategory;
    String []irate;
    Context context;
    public ViewcategoryAdapt(Context context , String[] icode, int[] aar, String[] iname, String[] irate,
String[] iunit, String[] icategory)
    {
        this.aar = aar;
        this.icode = icode;
        this.iname = iname;
        this.irate = irate;
        this.iunit = iunit;
        this.icategory = icategory;
        this.context = context;
    }
    @NonNull
    @Override
    public myViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType)
    {
        View view = LayoutInflater.from(parent.getContext()).inflate(R.layout.dash_bestdeal,parent,false);

        myViewHolder myViewHolder = new myViewHolder(view);
```

```

        return (myViewHolder);
    }
    @Override
    public void onBindViewHolder(@NonNull myViewHolder holder, int position) {
        holder.imageView.setImageResource(aar[position]);
        holder.textView1.setText(iname[position] );
        holder.textView2.append(irate[position]);
    }

    @Override
    public int getItemCount() {
        return aar.length;
    }
    public class myViewHolder extends RecyclerView.ViewHolder
    {
        ImageView imageView;
        TextView textView1, textView2, textView3;
        public myViewHolder(@NonNull View itemView)
        {
            super(itemView);
            imageView = itemView.findViewById(R.id.bestdeallmg);
            textView1 = itemView.findViewById(R.id.bestdealttitle);
            textView2 = itemView.findViewById(R.id.bestdealprice);
//            textView3 = itemView.findViewById(R.id.textView3);

            itemView.setOnClickListener(new View.OnClickListener() {
                @Override
                public void onClick(View v) {
                    Intent i = new Intent(context, Viewproduct.class);
                    i.putExtra("img", aar[getAdapterPosition()]);
                    i.putExtra("code", icode[getAdapterPosition()]);
                    i.putExtra("name", iname[getAdapterPosition()]);
                    i.putExtra("rate", irate[getAdapterPosition()]);
                    i.putExtra("unit", iunit[getAdapterPosition()]);
                    i.putExtra("category", icategory[getAdapterPosition()]);
                    context.startActivity(i);
//                    ((Activity) context).finish();
                }
            });
        }
    }

```

## ❖ Order.java

```

package com.example.somras;
import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.app.ActivityCompat;
import androidx.core.content.ContextCompat;
import android.annotation.SuppressLint;
import android.content.Intent;
import android.content.pm.PackageManager;
import android.os.Bundle;
import android.telephony.SmsManager;
import android.util.Log;
import android.view.View;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;
import com.android.volley.DefaultRetryPolicy;
import com.android.volley.Request;
import com.android.volley.RequestQueue;
import com.android.volley.Response;
import com.android.volley.RetryPolicy;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.StringRequest;
import com.android.volley.toolbox.Volley;
import org.json.JSONArray;

```

```

import org.json.JSONException;
import java.util.HashMap;
import java.util.Map;
public class Order extends AppCompatActivity {
    private static final int PERMISSION_REQUEST_CODE=1;
    String sms="Thanks for placing order with SOMRAS your ";
    TextView totqty ,orderid ,cid,cname ,cemail,cphoneno,totalamt;
    EditText address;
    int totamt = 0;
    String caddr,oid ;//ordered by
    String phone;
    Globalclass ob = new Globalclass();
    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_order);
        address=findViewById(R.id.changeAddress);
        caddr=((Globalclass)getApplication()).caddr;//ordered by
        address.setHint("Delivery address: "+caddr);
        int k;
        totamt = 0;
        for (k = 0; k < ((Globalclass) this.getApplication()).c; k++) {
            totamt += Integer.parseInt(((Globalclass) this.getApplication()).pamt[k]);
        }
        // totamt += amt;
        phone=((Globalclass)getApplication()).cmob;
        totqty = findViewById(R.id.txt_totqty);
        orderid = findViewById(R.id.txt_orderno);
        cid = findViewById(R.id.txt_c_id);
        cname =findViewById(R.id.txt_c_name);
        cemail = findViewById(R.id.txt_c_email);
        cphoneno = findViewById(R.id.txt_c_mob);
        totalamt = findViewById(R.id.txt_tot_amt);
        cid.setText("Customer Id : "+((Globalclass) getApplication()).cid);
        cname.setText("Name : "+((Globalclass) getApplication()).cname);
        cphoneno.setText("Mobil NO : "+((Globalclass) getApplication()).cmob);
        cemail.setText("Email : "+((Globalclass) getApplication()).cemail);
        totqty.setText("Total No Of Product : "+((Globalclass) getApplication()).c);
    }
    public void order1(View view)
    {
        String cid = ((Globalclass)getApplication()).cid;//ordered by
        RequestQueue queue = Volley.newRequestQueue(getApplicationContext());
    }

```

```

String url = ob.ip + "ordersave.php";

StringRequest stringRequest = new StringRequest(Request.Method.POST, url,
    new Response.Listener<String>() {
        @Override
        public void onResponse(String response) {
            // Toast.makeText(getBaseContext(),"Run
ok"+response+queue.toString(),Toast.LENGTH_LONG).show();
            String x=response.substring(0,7);
            oid=response.substring(7);
            if (x.equals("Success"))
            {
                sendSMS();
//                Toast.makeText(Order.this, oid, Toast.LENGTH_SHORT).show();
                ((Globalclass)getApplication()).c=0;
                Toast.makeText(Order.this, "Successfull added "+response, Toast.LENGTH_LONG).show();
                Intent i=new Intent(Order.this,Dashboard.class);
                startActivity(i);
            } else {
                Toast.makeText(Order.this, "error"+response, Toast.LENGTH_LONG).show();
            }
        }
    }, new Response.ErrorListener() {
        @Override
        public void onErrorResponse(VolleyError error) {
            Toast.makeText(Order.this, "That didn't work!" + error, Toast.LENGTH_SHORT).show();
        }
    })
{
    protected Map<String, String> getParams()
    {
        try {
            Map<String, String> paramV = new HashMap<>()
            JSONArray jino = new JSONArray(((Globalclass)getApplication()).pid);
            JSONArray jrate = new JSONArray(((Globalclass)getApplication()).prate);
            JSONArray jqty = new JSONArray(((Globalclass)getApplication()).pqty);
            JSONArray jamt = new JSONArray(((Globalclass)getApplication()).pamt);
            paramV.put("id", cid);
            if(address.getText().toString().length()==0)
            {
                paramV.put("addr", String.valueOf(caddr));
            }
            else{
                paramV.put("addr",address.getText().toString());
            }
        }
    }
}

```



```

    }
    paramV.put("totamt", String.valueOf(totamt));
    //loop
    paramV.put("jino", jino.toString());
    paramV.put("jrate", jrate.toString());
    paramV.put("jqty", jqty.toString());
    paramV.put("jamt", jamt.toString());
    address.setHint("Delivery address : "+caddr.toString());
    return paramV;
} catch (JSONException e)
{
    Log.e("jsonerror", e.getMessage());
    return null;
}
}
};
int MY_SOCKET_TIMEOUT_MS = 15000; // 15 seconds
RetryPolicy policy = new DefaultRetryPolicy(
    MY_SOCKET_TIMEOUT_MS,
    DefaultRetryPolicy.DEFAULT_MAX_RETRIES,
    DefaultRetryPolicy.DEFAULT_BACKOFF_MULT
);
stringRequest.setRetryPolicy(policy);
queue.add(stringRequest);
private void sendSMS() {
    sms+=" \n order no is "+oid+" \n total amt is "+totamt+" you can complete your payment by cash
only";
    String phoneNumber = phone;
    if (checkPermission()) {
        //sendSMS();
    } else
    {
        requestPermission();
    }
    if (phoneNumber.isEmpty() || sms.isEmpty())
    {
        return;
    }
    try {
        SmsManager smsManager = SmsManager.getDefault();
        smsManager.sendTextMessage(phoneNumber, null, sms, null, null);
        Toast.makeText(this, "SMS sent successfully", Toast.LENGTH_SHORT).show();
    } catch (Exception e) {
        Toast.makeText(this, "Failed to send SMS"+e, Toast.LENGTH_SHORT).show();
    }
}

```

```

        e.printStackTrace();
    }
}
private boolean checkPermission()
{
    return ContextCompat.checkSelfPermission(this, android.Manifest.permission.SEND_SMS) ==
PackageManager.PERMISSION_GRANTED;
}
private void requestPermission()
{
    ActivityCompat.requestPermissions(this, new String[]{android.Manifest.permission.SEND_SMS},
PERMISSION_REQUEST_CODE);
}
public void onRequestPermissionsResult(int requestCode, @NonNull String[] permissions, @NonNull
int[] grantResults) {
    super.onRequestPermissionsResult(requestCode, permissions, grantResults);
    if (requestCode == PERMISSION_REQUEST_CODE) {
        if (grantResults.length > 0 && grantResults[0] == PackageManager.PERMISSION_GRANTED) {
            sendSMS();
        } else {
            Toast.makeText(this, "Permission denied. Unable to send SMS.", Toast.LENGTH_SHORT).show();
        }
    }
}
}

```

### ❖ activity\_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:background="@color/main"
android:layout_height="match_parent"
tools:context=".Order">
<LinearLayout
    android:id="@+id/linearLayout3"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="10dp"
    android:background="@drawable/white_back"
    android:orientation="vertical"
    app:layout_constraintBottom_toBottomOf="parent"

```

```

app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="1.0"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.048">
<TextView
    android:id="@+id/txt_c_name"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="10dp"
    android:fontFamily="@font/poppins"
    android:hint="name"
    android:textColor="@color/black"
    android:textColorHint="@color/black"
    android:textSize="20dp"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    tools:ignore="InvalidId" />
<TextView
    android:id="@+id/txt_c_id"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="10dp"
    android:fontFamily="@font/poppins"
    android:hint="id"
    android:textColor="@color/black"
    android:textColorHint="@color/black"
    android:textSize="20dp"
    tools:ignore="InvalidId" />
<TextView
    android:id="@+id/txt_c_mob"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="10dp"
    android:fontFamily="@font/poppins"
    android:hint="phone no"
    android:textColor="@color/black"
    android:textColorHint="@color/black"
    android:textSize="20dp"
    tools:ignore="InvalidId" />
<TextView
    android:id="@+id/txt_c_email"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"

```

```

        android:layout_marginLeft="10dp"
        android:fontFamily="@font/poppins"
        android:hint="email"
        android:textColor="@color/black"
        android:textColorHint="@color/black"
        android:textSize="20dp"
        tools:ignore="InvalidId" />
</LinearLayout>
<LinearLayout
    android:id="@+id/linearLayout4"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="10dp"
    android:layout_marginTop="28dp"
    android:background="@drawable/white_back"
    android:orientation="vertical"
    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/linearLayout3"
    app:layout_constraintVertical_bias="0.062">
    <TextView
        android:id="@+id/txt_orderno"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginLeft="10dp"
        android:fontFamily="@font/poppins"
        android:hint="order no"
        android:textColor="@color/black"
        android:textColorHint="@color/black"
        android:textSize="20dp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        tools:ignore="InvalidId" />
    <TextView
        android:id="@+id/txt_totqty"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginLeft="10dp"
        android:fontFamily="@font/poppins"
        android:hint="total qty"
        android:textColor="@color/black"
        android:textColorHint="@color/black"

```

```

        android:textSize="20dp"
        tools:ignore="InvalidId" />

```

```

<TextView
    android:id="@+id/txt_tot_amt"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="10dp"
    android:fontFamily="@font/poppins"
    android:hint="total amount"
    android:textColor="@color/black"
    android:textColorHint="@color/black"
    android:textSize="20dp"
    tools:ignore="InvalidId" />

```

```

</LinearLayout>

```

```

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="150dp"
    android:layout_margin="10dp"
    android:background="@drawable/white_back"
    android:orientation="vertical"
    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/linearLayout4"
    app:layout_constraintVertical_bias="0.043">

```

```

<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_gravity="left"
    android:layout_marginLeft="20dp"
    android:layout_marginTop="10dp"
    android:fontFamily="@font/poppins"
    android:text="Payment Method"
    android:textColor="@color/black"
    android:textSize="22dp"
    android:textStyle="bold" />

```

```

<RadioGroup
    android:id="@+id/payment_method"
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
    <RadioButton

```

```

        android:id="@+id/radioButton2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginLeft="20dp"
        android:fontFamily="@font/poppins"
        android:text="Online Transaction"
        android:textColor="@color/black"
        android:textSize="18dp" />
<RadioButton
    android:id="@+id/radioButton2"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="20dp"
    android:fontFamily="@font/poppins"
    android:text="Cash on Delivery (COD)"
    android:textColor="@color/black"
    android:textSize="18dp"
    app:layout_constraintStart_toStartOf="parent"
    tools:ignore="DuplicateIds" />
</RadioGroup>
</LinearLayout>
<androidx.appcompat.widget.AppCompatButton
    android:id="@+id/placeOrder"
    style="@android:style/Widget.Button"
    android:layout_width="177dp"
    android:layout_height="60dp"
    android:background="@drawable/container"
    android:backgroundTint="@color/white"
    android:drawablePadding="100dp"
    android:fontFamily="@font/poppins"
    android:onClick="order1"
    android:text="Confirm order"
    android:textColor="@color/main"
    android:textSize="20sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.82"
    tools:ignore="MissingConstraints" />
<EditText
    android:id="@+id/changeAddress"
    android:layout_width="368dp"

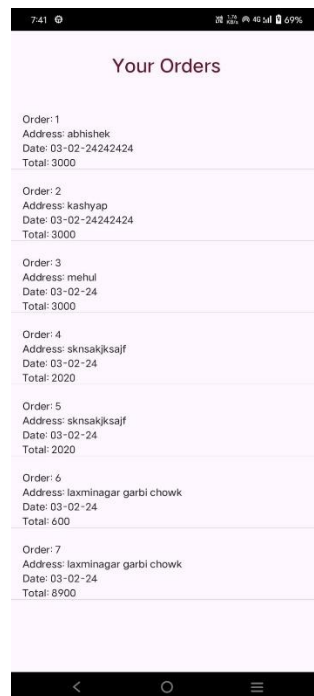
```

```

    android:layout_height="84dp"
    android:background="@drawable/white_back"
    android:ems="10"
    android:hint="Delivery Address:"
    android:inputType="text"
    android:textAlignment="center"
    android:textColor="@color/black"
    android:textColorHint="@color/black"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.627"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.682" />
</androidx.constraintlayout.widget.ConstraintLayout>

```

## ❖ orderhistory.java



```

package com.example.somras;
import androidx.appcompat.app.AppCompatActivity;
import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;

```

```

import android.util.Log;
import android.view.View;
import android.widget.AdapterView;
import android.widget.AdapterView;
import android.widget.ArrayAdapter;
import android.widget.ListView;
import android.widget.Toast;
import com.android.volley.AuthFailureError;
import com.android.volley.Request;
import com.android.volley.RequestQueue;
import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.StringRequest;
import com.android.volley.toolbox.Volley;
import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;
import java.util.HashMap;
import java.util.Map;
public class Orderhistory extends AppCompatActivity {
    ListView lv;
    ArrayAdapter arrayAdapter;
    Globalclass ob = new Globalclass();
    String oid[],ototal[],oaddr[],odate[],msg[];
    String url = ob.ip + "history.php";
    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_orderhistory);
        lv=findViewById(R.id.orderHistory);
        StringRequest stringRequest = new StringRequest(Request.Method.POST, url,
            new Response.Listener<String>() {
                @Override
                public void onResponse(String response) {
//                    Toast.makeText(Orderhistory.this, ""+response, Toast.LENGTH_SHORT).show();
                    if (response.trim().length() != 0) {
                        try {
                            JSONObject jsonObject = new JSONObject(response);
                            JSONArray result = jsonObject.getJSONArray("data1");//php key name
                            msg=new String[result.length()];
                            oid=new String[result.length()];
                            oaddr=new String[result.length()];
                            odate=new String[result.length()];
                            ototal=new String[result.length()];

```



```

        for (int i = 0; i < result.length(); i++) {
            JSONObject jo = result.getJSONObject(i);
            oid[i] = jo.getString("o_id");
            oaddr[i] = jo.getString("o_add");
            ottotal[i] = jo.getString("o_grandtotal");
            odate[i] = jo.getString("o_date");
            msg[i] = "\nOrder: "+oid[i]+" \nAddress: "+oaddr[i]+" \nDate: "+odate[i]+"
\nTotal: "+ottotal[i];
        }
//        Toast.makeText(Orderhistory.this, ""+msg, Toast.LENGTH_LONG).show();
        arrayAdapter=new ArrayAdapter(Orderhistory.this,
        android.R.layout.simple_list_item_1, msg);
        lv.setAdapter(arrayAdapter);
        lv.setOnItemClickListener(new AdapterView.OnItemClickListener() {
            @Override
            public void onItemClick(AdapterView<?> parent, View view, int position, long id)
        {
//            Toast.makeText(Orderhistory.this, ""+oid[position],
            Toast.LENGTH_SHORT).show();
            Intent i=new Intent(Orderhistory.this,History_view.class);
            i.putExtra("oid", oid[position]);
            startActivity(i);
        }
    });
} catch (JSONException e) {
    Toast.makeText(Orderhistory.this, e.toString(), Toast.LENGTH_SHORT).show();
    Log.d("error1",e.toString());
    e.printStackTrace();
}
}
}
}, new Response.ErrorListener() {
@Override
public void onErrorResponse(VolleyError error) {
    Toast.makeText(Orderhistory.this, "" + error, Toast.LENGTH_LONG).show();
}
}) {
@Override
protected Map<String, String> getParams() throws AuthFailureError {
    Map<String, String> data = new HashMap<>();
    data.put("id", ((Globalclass)getApplication()).cid);
    return data;
}
};

```

```

        RequestQueue requestQueue = Volley.newRequestQueue(getApplicationContext());
        requestQueue.add(stringRequest);
    }
}

```

## ❖ activity\_orderhistory.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=".Orderhistory">

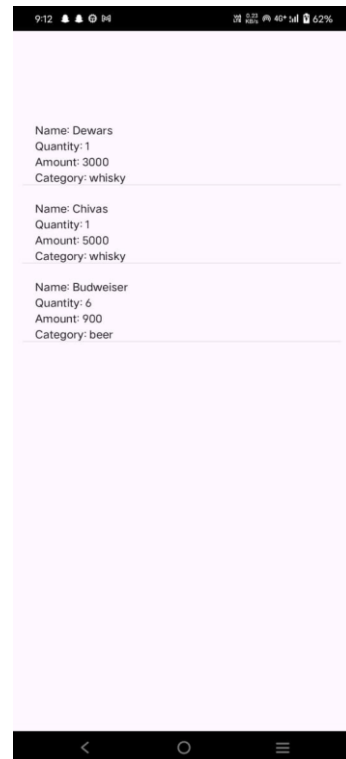
<ListView
    android:id="@+id/orderHistory"
    android:layout_width="match_parent"
    android:layout_height="709dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    tools:layout_editor_absoluteX="0dp" />

<TextView
    android:gravity="center"
    android:id="@+id/textView2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:fontFamily="@font/poppins"
    android:text="Your Orders"
    android:textColor="@color/main"
    android:textSize="30sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.497"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.035" />
</androidx.constraintlayout.widget.ConstraintLayout>

```

## ❖ History\_view.java

Order: 6
Address: laxminagar garbi chowk
Date: 03-02-24
Total: 600
Order: 7
Address: laxminagar garbi chowk
Date: 03-02-24
Total: 8900



```
package com.example.somras;
import androidx.appcompat.app.AppCompatActivity;
import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.AdapterView;
import android.widget.AdapterView.OnItemClickListener;
import android.widget.ArrayAdapter;
import android.widget.ListView;
import android.widget.Toast;
import com.android.volley.AuthFailureError;
import com.android.volley.Request;
import com.android.volley.RequestQueue;
import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.StringRequest;
import com.android.volley.toolbox.Volley;
import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;
```

```

import java.util.HashMap;
import java.util.Map;
public class Orderhistory extends AppCompatActivity {
    ListView lv;
    ArrayAdapter arrayAdapter;
    Globalclass ob = new Globalclass();
    String oid[],ototal[],oaddr[],odate[],msg[];
    String url = ob.ip + "history.php";
    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_orderhistory);
        lv=findViewById(R.id.orderHistory);
        StringRequest stringRequest = new StringRequest(Request.Method.POST, url,
            new Response.Listener<String>() {
                @Override
                public void onResponse(String response) {
//                    Toast.makeText(Orderhistory.this, ""+response, Toast.LENGTH_SHORT).show();
                    if (response.trim().length() != 0) {

                        try {
                            JSONObject jsonObject = new JSONObject(response);
                            JSONArray result = jsonObject.getJSONArray("data1");//php key name
//
                            msg=new String[result.length()];
                            oid=new String[result.length()];
                            oaddr=new String[result.length()];
                            odate=new String[result.length()];
                            ototal=new String[result.length()];
                            for (int i = 0; i < result.length(); i++) {
                                JSONObject jo = result.getJSONObject(i);

                                oid[i] = jo.getString("o_id");
                                oaddr[i]= jo.getString("o_add");
                                ototal[i] = jo.getString("o_grandtotal");
                                odate[i] = jo.getString("o_date");
                                msg[i]="\nOrder: "+oid[i]+" \nAddress: "+oaddr[i]+" \nDate: "+odate[i]+"
\nTotal: "+ototal[i];
                            }
//                    Toast.makeText(Orderhistory.this, ""+msg, Toast.LENGTH_LONG).show();
                            arrayAdapter=new ArrayAdapter(Orderhistory.this,
                                android.R.layout.simple_list_item_1, msg);
                            lv.setAdapter(arrayAdapter);

```

```

        lv.setOnItemClickListener(new AdapterView.OnItemClickListener() {
            @Override
            public void onItemClick(AdapterView<?> parent, View view, int position, long id)
        {
            // Toast.makeText(Orderhistory.this, ""+oid[position],
            Toast.LENGTH_SHORT).show();
                Intent i=new Intent(Orderhistory.this,History_view.class);
                i.putExtra("oid", oid[position]);
                startActivity(i);
            }
        });
    } catch (JSONException e) {
        Toast.makeText(Orderhistory.this, e.toString(), Toast.LENGTH_SHORT).show();
        Log.d("error1",e.toString());
        e.printStackTrace();
    }
}
}
}, new Response.ErrorListener() {
    @Override
    public void onErrorResponse(VolleyError error) {

        Toast.makeText(Orderhistory.this, "" + error, Toast.LENGTH_LONG).show();
    }
}) {
    @Override
    protected Map<String, String> getParams() throws AuthFailureError {
        Map<String, String> data = new HashMap<>();
        data.put("id", ((Globalclass)getApplication()).cid);
        return data;
    }
};
RequestQueue requestQueue = Volley.newRequestQueue(getApplicationContext());
requestQueue.add(stringRequest);
}
}

```

### ❖ activity\_historyview.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=".Orderhistory">

<ListView
    android:id="@+id/orderHistory"
    android:layout_width="match_parent"
    android:layout_height="709dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    tools:layout_editor_absoluteX="0dp" />

<TextView
    android:gravity="center"
    android:id="@+id/textView2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:fontFamily="@font/poppins"
    android:text="Your Orders"
    android:textColor="@color/main"
    android:textSize="30sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.497"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.035" />
</androidx.constraintlayout.widget.ConstraintLayout>

```

## ❖ androidmanifest.xml

```

<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools">
    <uses-feature
        android:name="android.hardware.telephony"
        android:required="false" />
    <uses-permission android:name="android.permission.ACCESS_WIFI_STATE" />
    <uses-permission android:name="android.permission.INTERNET" />
    <uses-permission android:name="android.permission.SEND_SMS" />

    <application
        android:name=".Globalclass"
        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="@drawable/logo"
android:supportsRtl="true"
android:theme="@style/Theme.Somras"
android:usesCleartextTraffic="true"
tools:targetApi="31">
<activity
    android:name=".Viewcategory"
    android:exported="false" />
<activity
    android:name=".History_view"
    android:exported="false" />
<activity
    android:name=".Orderhistory"
    android:exported="false" />
<activity
    android:name=".Order"
    android:exported="false" />
<activity
    android:name=".Cart"
    android:exported="true" />
<activity
    android:name=".Viewproduct"
    android:exported="false" />
<activity
    android:name=".Menu"
    android:exported="true" />
<activity
    android:name=".Recycle"
    android:exported="true" />
<activity
    android:name=".ProductView"
    android:exported="false" />
<activity
    android:name=".Dashboard"
    android:exported="true" />
<activity
    android:name=".Intro"
    android:exported="true">
    <intent-filter>
        <action android:name="android.intent.action.MAIN" />

```

```

        <category android:name="android.intent.category.LAUNCHER" />
    </intent-filter>
</activity>
<activity
    android:name=".Signup"
    android:exported="true" />
<activity
    android:name=".Login"
    android:exported="true"></activity>
<activity
    android:name=".MainActivity"
    android:exported="true" />
<meta-data
    android:name="preloaded_fonts"
    android:resource="@array/preloaded_fonts" />
</application>
</manifest>

```

## ❖ gradle

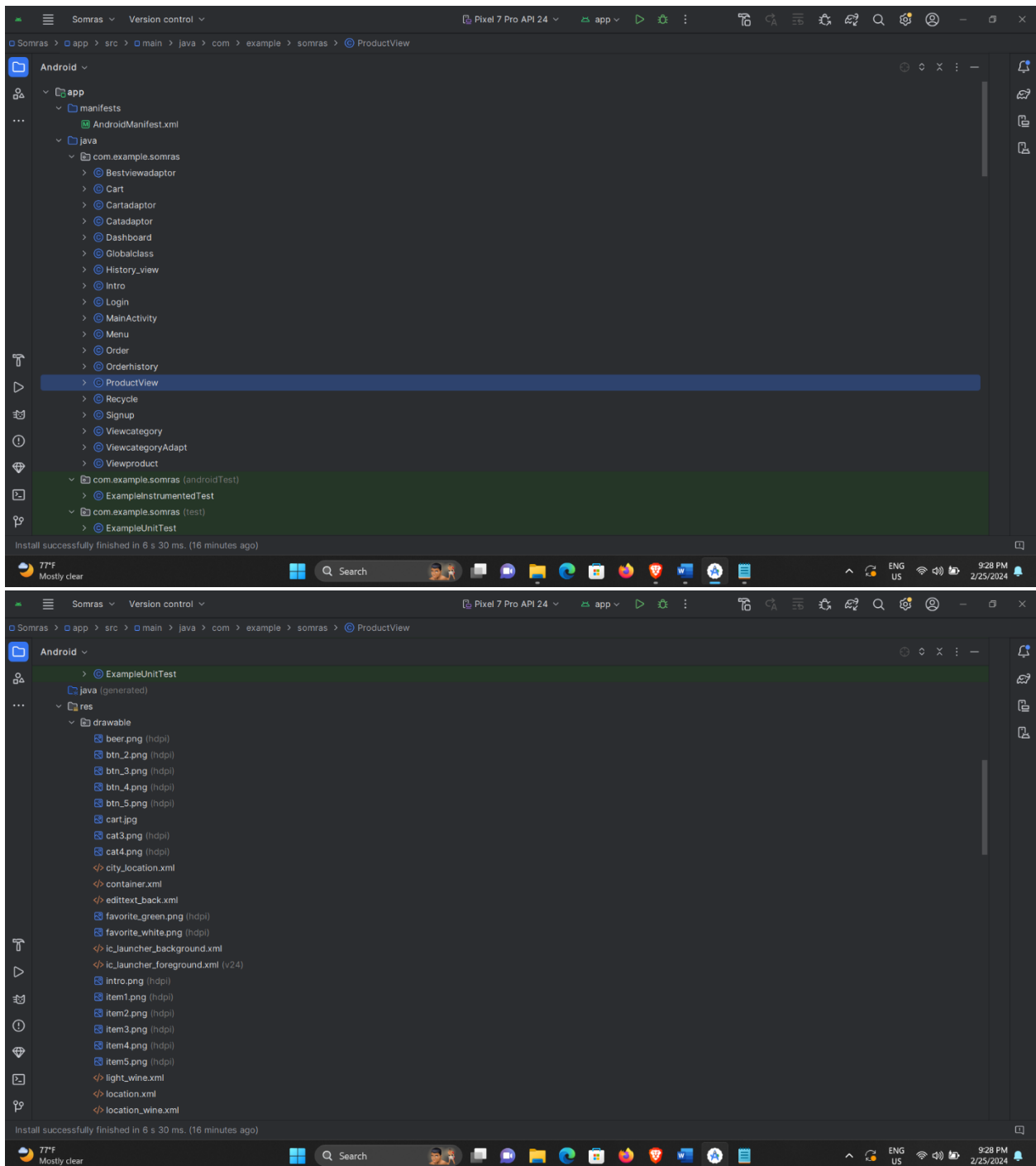
```

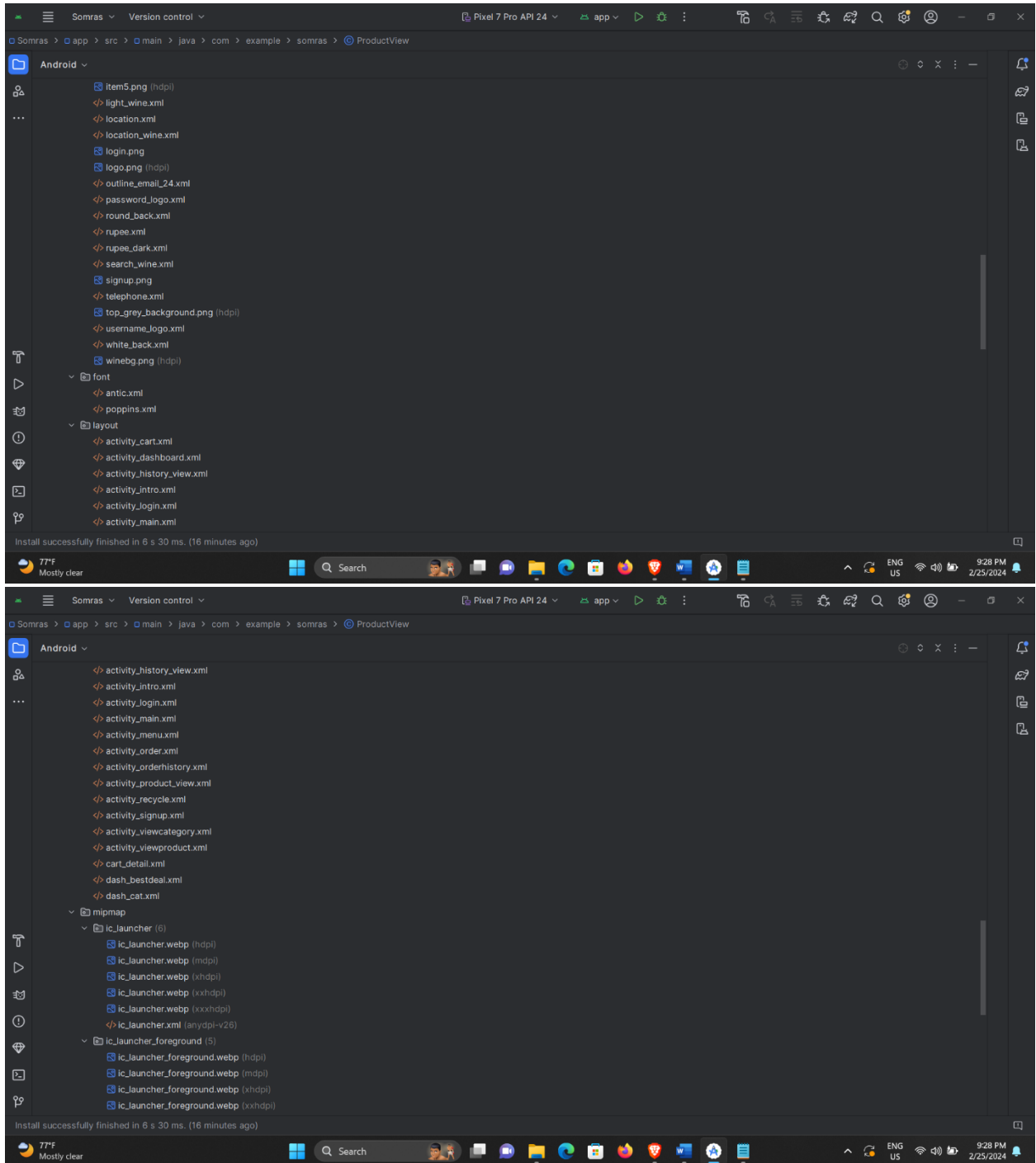
dependencies {
    implementation ("com.google.code.gson:gson:2.8.5")
    implementation ("com.google.android.material:material:1.11.0")
    implementation("com.github.bumptech.glide:glide:4.12.0")
    implementation("com.android.volley:volley:1.2.1")
    implementation("androidx.appcompat:appcompat:1.6.1")
    implementation("com.google.android.material:material:1.11.0")
    implementation("androidx.constraintlayout:constraintlayout:2.1.4")
    testImplementation("junit:junit:4.13.2")
    androidTestImplementation("androidx.test.ext:junit:1.1.5")
    androidTestImplementation("androidx.test.espresso:espresso-core:3.5.1")
}

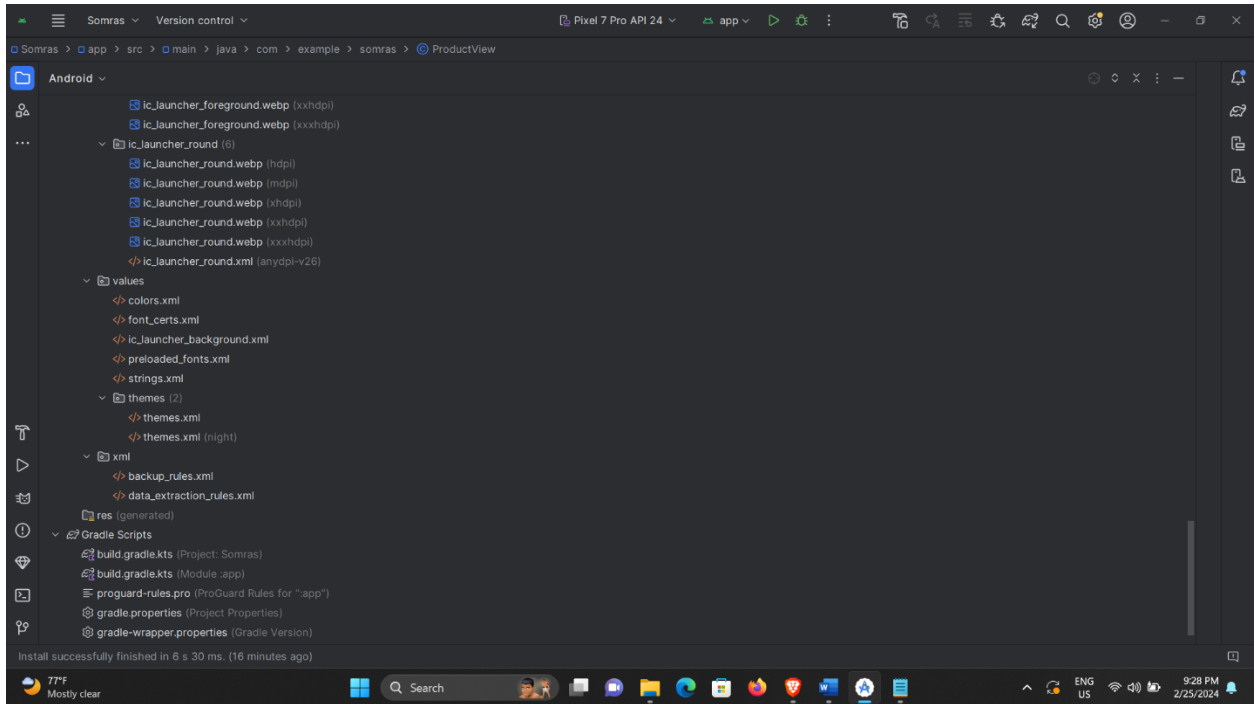
```



# File structure android studio







# BIBLIOGRAPHY

- ❖ Search Engine - [www.google.co.in](http://www.google.co.in)
- ❖ Reference Book - Android reference books