PURANMAL LAHOTI GOVERNMENT POLYTECHNIC LATUR.

Subject Name: Capstone Project Execution and Report Writing (22060)

Micro-Project Name: Veg4you

Guided By: prof. Manisha mam

PURANMAL LAHOTI GOVERNMENT POLYTECHNIC, LATUR

Academic Year 2020-2021

DEPARTMENT OF INFORMATION TECHNOLOGY

A PROJECT REPORT ON

“Veg4you”

SUBMITTED BY

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Under the Guidance of

Prof. Manisha mam

In Partial fulfillment of the requirement for the Award of Diploma in Information Technology

Engineering Academic Year 2020-2021

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION

CERTIFICATE

Title	Name	Enrollment No
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This is to certify that	Waghmare Sahebrao Laxman	1800160376
This is to certify that	Parsewar Vishnu Rajkumar	1811620073
This is to certify that	Kasture Omkar Ravindra	1817600086

Submitted in partial fulfilment of requirement for award of Diploma in Information Technology by Maharashtra state Board of technical education mumbai-51, as a record of student own work are carried out by them under my guidance and supervision.

Project Guide
Manisha mam)

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(Prof. V. M. Khanapure Mam)

Principal
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External Examiner( )

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I wish to express my thanks to, **V.M. Khanapure** mam Head of **Information Technology** Dept., for his support and the help extended. I must express my deep sense of gratitude to **Dr. K. M. Bakwad, Principal,** Puranmal Lahoti Government Polytechnic, Latur for making various facilities available.

Abstract

"Veg4you" is a portal which allows farmers in increasing their reach and sell their goods. This would permit rural communities to make their wares available to the rest of the world.

The objective of this project is to create a portal which would allow product information to be updated securely using a mobile device and will allow users to buy goods directly form the farmers. The main concern is given to the village people to explore their talents and to enhance our traditional Indian culture.

In future the internet become whole and soul to the business fields, each and every trades are going to be done through it so this portal may helpful to the village people as a business person in this running world.

CHAPTER 1
Introduction Of Project

1.0 Introduction

The term “Electronic commerce” (or e-Commerce) refers to the use of an electronic medium to carry out commercial transactions. Most of the time, it refers to the sale of products via Internet, but the term eCommerce also covers purchasing mechanisms via Internet.
A client who purchases on the Internet is called a cyber consumer. E-Commerce is not only limited to online sales, but also covers:

- Preparation of estimates online
- Consulting of users
- Provision of an electronic catalog
- Access plan to point of sales
- Real-time management of product availability (stock)
- Online payment
- Delivery tracking
- After-sales service

In certain cases, electronic commerce makes it possible to highly customize products, in particular when the electronic commerce site is linked with the production system of the enterprise (e.g. business cards, customized items such as T-shirts, cups, caps, etc.)

Finally, insofar as electronic services and products are concerned (MP3 files, software programs, e-books, etc.), electronic commerce makes it possible to receive the purchase in a very short time, if not immediately.

Most electronic commerce sites are online stores which have at least the following elements at the front-office level:

An online electronic catalog listing all products for sale, their price and sometimes their availability (product in stock or number of days before delivery);

A search engine which makes it possible to easily locate a product via search criteria (brand, price range, key word, etc.) ;

1.1 Literature Survey

For traditional businesses, one research stated that information technology and cross-border e-commerce is a good opportunity for the rapid development and growth of enterprises. Many companies have invested enormous volume of investment in mobile applications. The DeLone and McLean Model stated that three perspectives contribute to a successful e-business: information system quality, service quality and users' satisfaction.[54] There is no limit of time and space, there are more opportunities to reach out to customers around the world, and to cut down unnecessary intermediate links, thereby reducing the cost price, and can benefit from one on one large customer data analysis, to achieve a high degree of personal customization strategic plan, in order to fully enhance the core competitiveness of the products in company.

1.2 Objectives Of Project

- To provide the online platform for the vendor to increase their business and their range of the market.
- User satisfaction with their purchases.

1.3 Scope Of Project

This app can sale vegetables and dairy products, kitchen needs, essential restaurant supplies and more, through this online, one-stop vegetables and dairy products store. It provides you with a convenient way to sale from your vegetables and dairy products shopping app. You can use this app as one big super market app to sale product of your store. This app make easy for user to buy product from store with easy steps and store can get easy order.

1.4 Feature of android app

- You can view your data that we collect from you using the account option
- You can make your own ads and publish it.
- You can see your ads in myads section.
- Delete your ads.

1.5 Problem Definition & Problem Statement

- ### Problem Definition

We are going to build a software system that contain several features such as: Create ,delete and show ads

- ### Problem Statement:

The reason why to choose this project is the idea behind project that is to solve problem of people which they are facing when they shift to different city. The system is not only for user but also for provider who provides vegetables and dairy products service. This system is for making efficient communication between consumer and producer of the vegetables and dairy products system which will then leads to the ideal and effective system. The online vegetables and dairy products ordering system sets up a menu online and customers can easily place the order as per they like. Also, the online customers can easily track their orders. The management maintains customer's database, and improve delivery service. This system also provides a feedback system in which user can rate the products. Also, the proposed system can recommend vegetables and dairy products, based on the ratings given by the user. The payment can be made online or cash or pay-on-delivery system. For more secured ordering separate accounts are maintained for each user by providing them an ID and a password.

CHAPTER 2
Veg4you

2.0 Overview

An online vegetables and dairy products ordering system can be defined as software that allows farmers to sell their product on their price. And also good for the customer because they get the healthy and fresh product at door step. User does not require any special things or any other account for that. in only one account user can do both sell and purchase

CHAPTER 3
Proposed Implementation

3.0 Methodology

The simulation first starts with the customer entering his/her credentials (name, ID and password). Once that has been verified, the customer can place an order specifying the quantity of the vegetables and dairy products required. Now we get a window that displays the order number, customer ID, product name, price and quantity. Once the customer finalizes his/her order, they are redirected to the payment window where the total price is displayed and the customer can select the payment method of their choice and then the customer gets a message of confirmation of order. The block diagram

3.1 database

- ### What is Firebase?

Firebase is a Backend-as-a-Service platform developed by Firebase, Inc. Like any other cloud service, it offers developers a complete set of development tools as well as provides the backend for building highly-scalable web and mobile applications. In 2014, Google acquired Firebase, making it the flag offering of the Google Cloud Platform line
Now, Firebase has 18 services for building, testing, and managing your app; it is a server, an API, and a database, all rolled in one for you to focus more on designing an amazing user experience. Today, Firebase is considered to be dominant in the BaaS market; developers refer to it as a next-generation BaaS with an innovative approach to developing and monetizing high-quality apps. In the next section, we provide a detailed review of the platform's feature set and its functionality.

- How much does Firebase Cost?
- Firebase has 3 plans.

Spark

- Free to get started and includes generous quotas.

Flame

- Fixed at $25/month with set quotas.

Pay as you go

- You get the free quota as per the Spark plan, but then you pay for some products when you exceed those quotas.

You can check the latest Firebase pricing and quotas here. The page also includes a plan calculator to help you estimate likely costs.

Firebase Service

- Firebase ML
- Authentication and Hosting
- Cloud Storage
- Realtime Database
- In-App Messaging
- A/B Testing
- Firebase Cloud Messaging (FCM)
- Google Analytics
- Firebase Firestore

The pros of Firebase

- **Database options.** As you have learned from previous sections, Firebase has robust Realtime and Firestore databases that enable you to store and sync app data on a global scale. Both databases provide tools necessary for managing the security of your app and let you access your data via the Firebase console. Besides, Realtime Database is optimized for offline use and real-time syncing to make it easy for your users to access/apply their data from any device at any time.

- **Free start.** You can start using Firebase as your app's backend for free, but as you go further, you'll need to spend money on specific features and products. The pricing strategy Firebase utilizes you to explore common service's capabilities; you can start developing your app with a Free Spark Plan, but if you reach a certain amount of memory or need an advanced feature, you can always switch to the Blaze Plan.

- **Accessible UIs and smooth integration**. Even if you have limited experience in backend development, you can still set up a Firebase application. The platform helps you accelerate your development process by showing integrations via the user interface, thereby avoiding the need for complex configurations.

- **Efficient and secure hosting**. Firebase offers developers a fast and reliable way to host your app's static and dynamic content. As we mentioned before, Firebase Hosting is backed by global CDN and SSD storage. It delivers your content over zero-configuration SSL, allowing for secure delivery of content.

- **Wide variety of services**. Apart from the products we have mentioned in this guide, Firebase has a variety of services to offer, such as Cloud Functions, Crashlytics, Test Lab, Remote Config, and many more. You can visit the Firebase Products page to learn about how these features can help you in creating a high-quality app for your business.

The Cons of Firebase

Like any technology, Firebase has its limitations and weaknesses. Listed below are the main challenges of using Firebase BaaS for building your business app.

- **Realtime Database limitations**. Firebase Realtime Database offers a wide range of features and functionalities but also carries some limitations. In particular, it has limited querying and filtering capabilities, because the whole database is one giant JSON tree, which makes it hard to do complex queries.

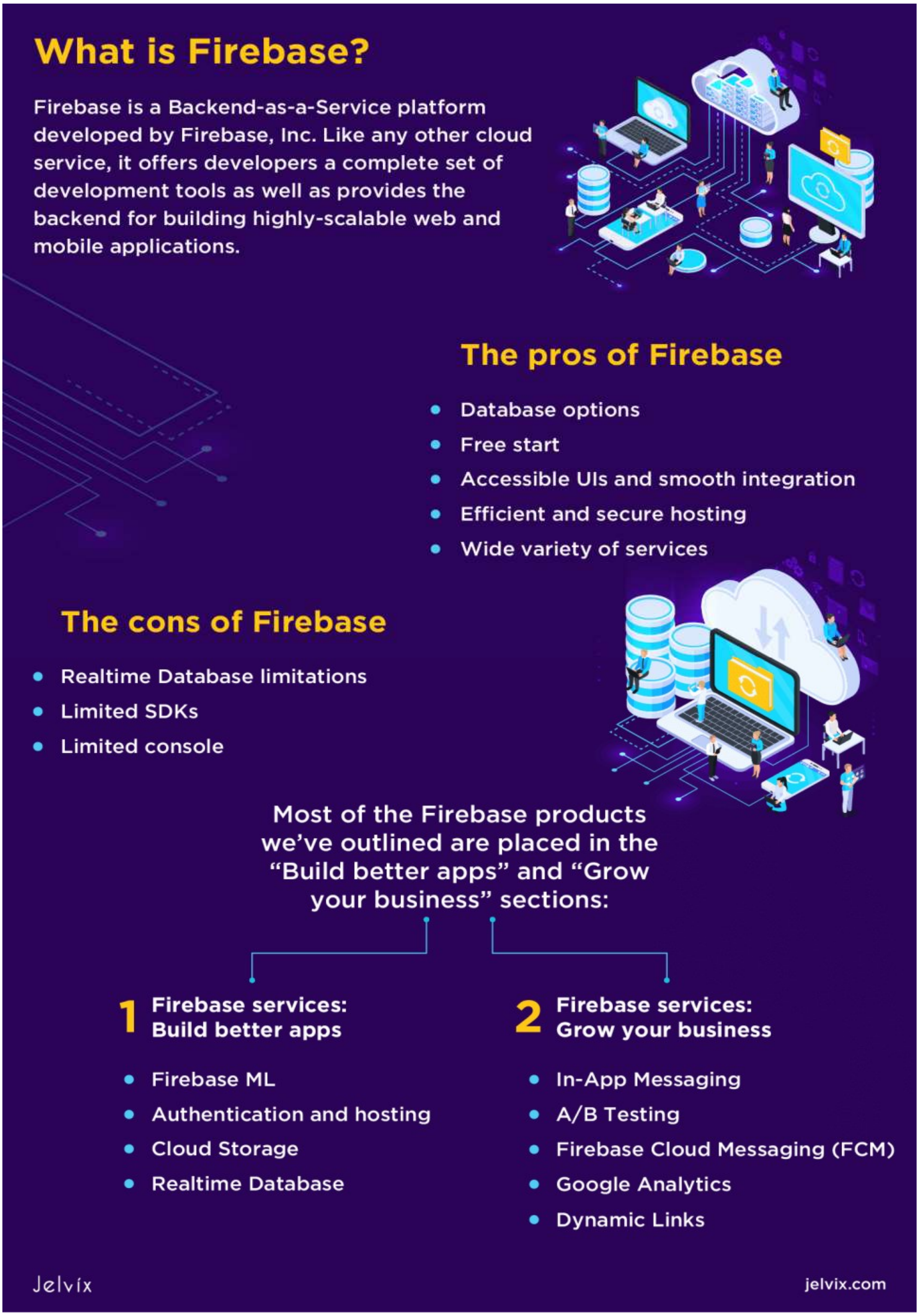
  Another problem with Realtime DB is too much duplication. Because of Database architecture, data entry is considered overhead.

Nevertheless, these “flaws” would seem a little far-fetched to most professional back-end devs; for those who are good at coding, Firebase offers a suitable solution to data modeling called denormalization. Here is a simple video guide on how to simplify querying using denormalization.

- **Limited SDKs**. Firebase JavaScript SDKs are designed for the web and have certain limitations (e.g. absence of offline commitment). Hybrid or web app solutions will continue working even if the phone shuts off, but whenever you decide to close the tab/press the home button, your data becomes unavailable. This becomes a major problem, particularly in the case of mobile app development.

  The Firebase JavaScript SDK does not support data caching which means that if you are uploading data or products with Firebase, every time you make a change you have to refresh the connection or maintain the server connection manually.

- **Limited console**. The main drawback of the Firebase console is a lack of detailed logs. This means that you won’t be able to track how many times a particular file was downloaded; you can only see the graph of DB usage.



What is Firebase?

Firebase is a Backend-as-a-Service platform developed by Firebase, Inc. Like any other cloud service, it offers developers a complete set of development tools as well as provides the backend for building highly-scalable web and mobile applications.

The pros of Firebase

- Database options
- Free start
- Accessible UIs and smooth integration
- Efficient and secure hosting
- Wide variety of services

The cons of Firebase

- Realtime Database limitations
- Limited SDKs
- Limited console

Most of the Firebase products we've outlined are placed in the "Build better apps" and "Grow your business" sections:

1 Firebase services: Build better apps

- Firebase ML
- Authentication and hosting
- Cloud Storage
- Realtime Database

2 Firebase services: Grow your business

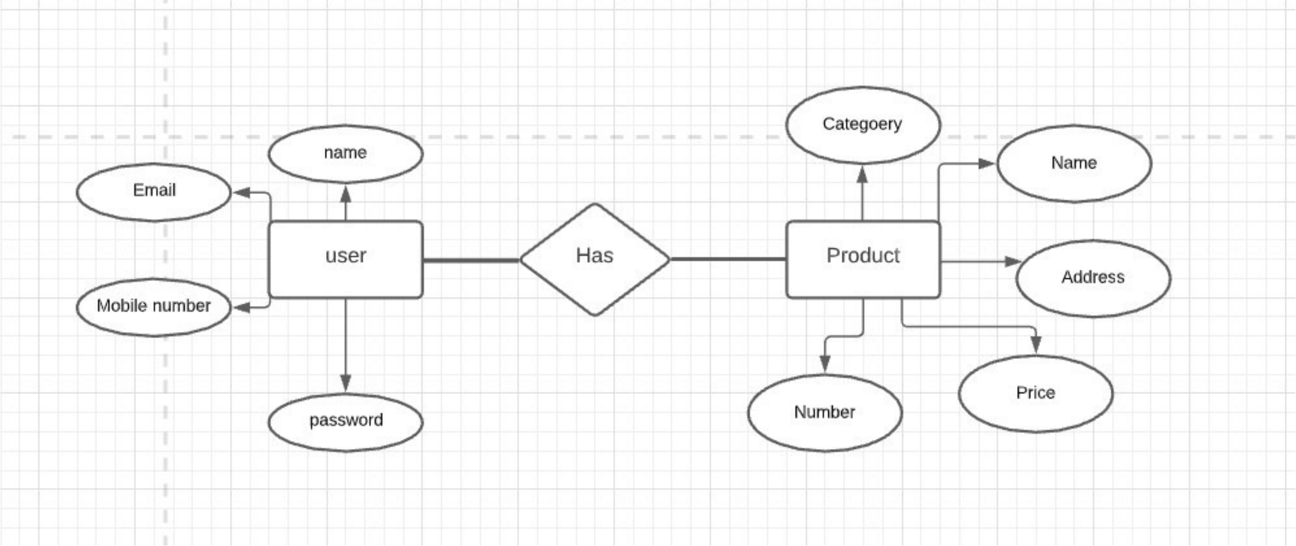
- In-App Messaging
- A/B Testing
- Firebase Cloud Messaging (FCM)
- Google Analytics
- Dynamic Links

Jelvix

jelvix.com

1.Simple firebase overview

and the ER Diagram of the proposed System is given infigure



2.ER Diagram

Above image consist of the user and the product with their attribute. User has the attributes name, email, mobile number,password. And the another entity named has product consist of product categeory,product name,owner address,price of the product,and the owner number.

3.2 System Requirements

Components used to create the project:

- Android studio 4.2.2
- AVD(android virtual machine)
- Firebase Database
- Lucid(DFD diagram,ER diagram etc)
- github

3.3 Advantages

- ### Profit

  both the seller and the buyer are under the profit. Because the buyer has got the producr below the marker price and the owner that is the seller has the right to sell theor product on their price, in this way both are in profit.

- ### reachability

seller can sell their product beyond he/she can sell. I mean to say it can sell beyond his range. Sometimes some product are not available in market but at the same time it is available in another place.using this app they both can contact each other.

- ### freshness

in this no third party is involve so the time to reach product at your door step is require less time.so that freshness of the product is maintained.

- ### Quality Goods

Online suppliers provide you quality food and vegetables. As you are placing direct order to the producer, so as you place he comes into action deliver your products. Their articles don't keep in the fridge as they make you available directly from the field. Two types of fruits and vegetables sold in the market like artificial and organic. And everyone desires organic but there are very few consumers who receives organic fruits and vegetables.

Online suppliers only supply organic fruits and vegetables as they care about your health. Artificially grown up fruits and vegetables are harmful to the immune system. We suggest that you should buy fruits and vegetables from a reliable source.

- ### Availability

If some product are available in another place and not available at your location you can order it froem their aand product is reach at your door step.it help to refuce the shortage of the product.

3.4 Disadvantages:

System has some good point to be considered but every system has some pros and cons.as such our system has some cons and pros. Am not gonna say this is syatem without the disadvantages. some disadvantages to be highlighted is as follows:

1. It increase the range of the business but the transpotation of the product is not our service.
2. We don't interface between the buyer and seller as I say we just provide the platform for them.
3. Before they start the business they for their convience they must be near to each other.we are not saying too much close.

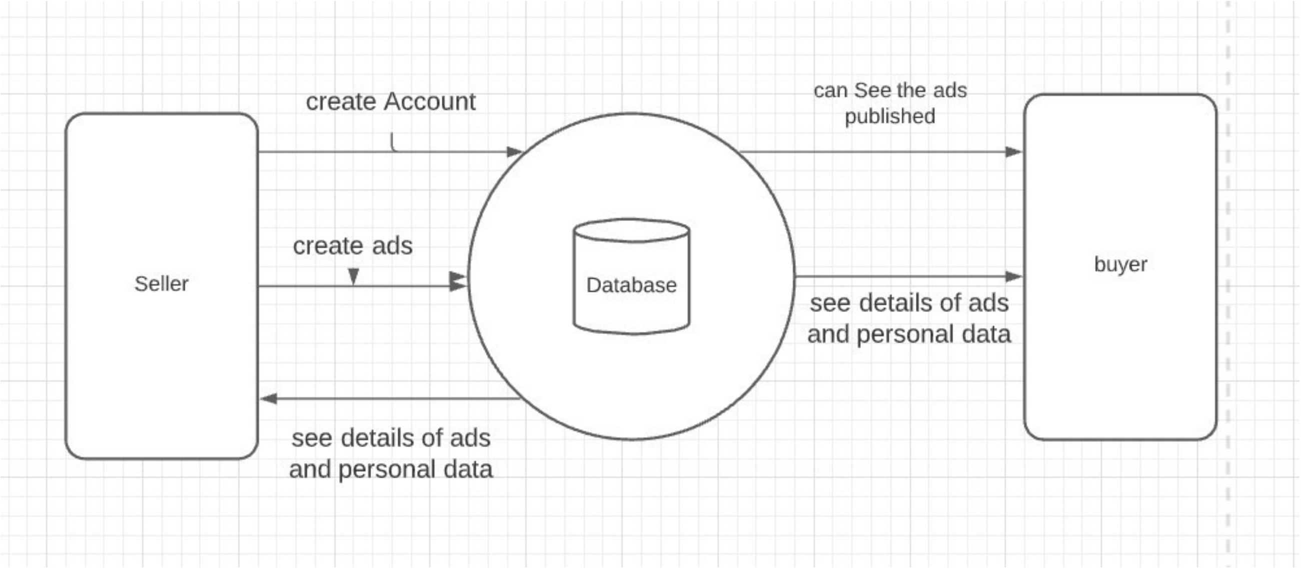
CHAPTER 4

Analysis and design of project

Dataflow Diagram of Online Food Ordering System

- Level 0

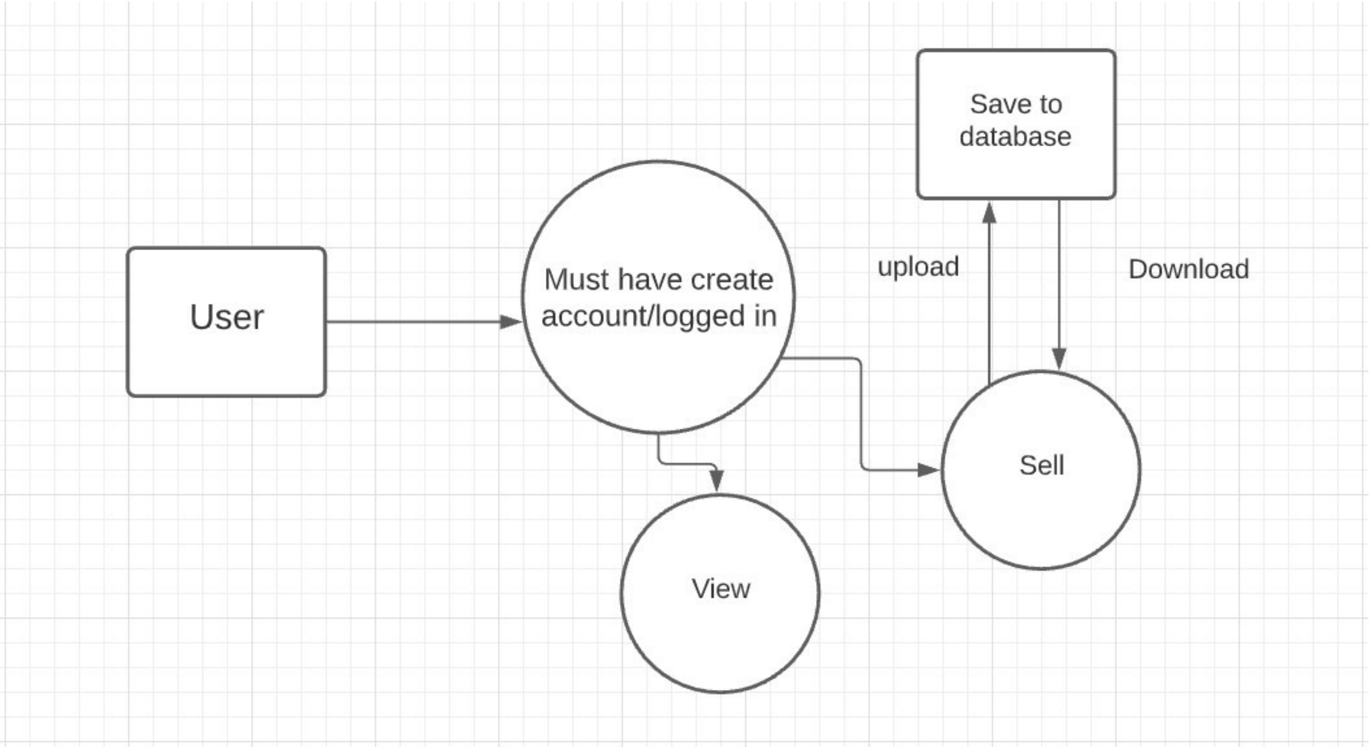
Dataflow Diagram- Level 0


create Account
can See the ads published
Seller
create ads
Database
buyer
see details of ads and personal data
see details of ads and personal data

3.DFD level 0

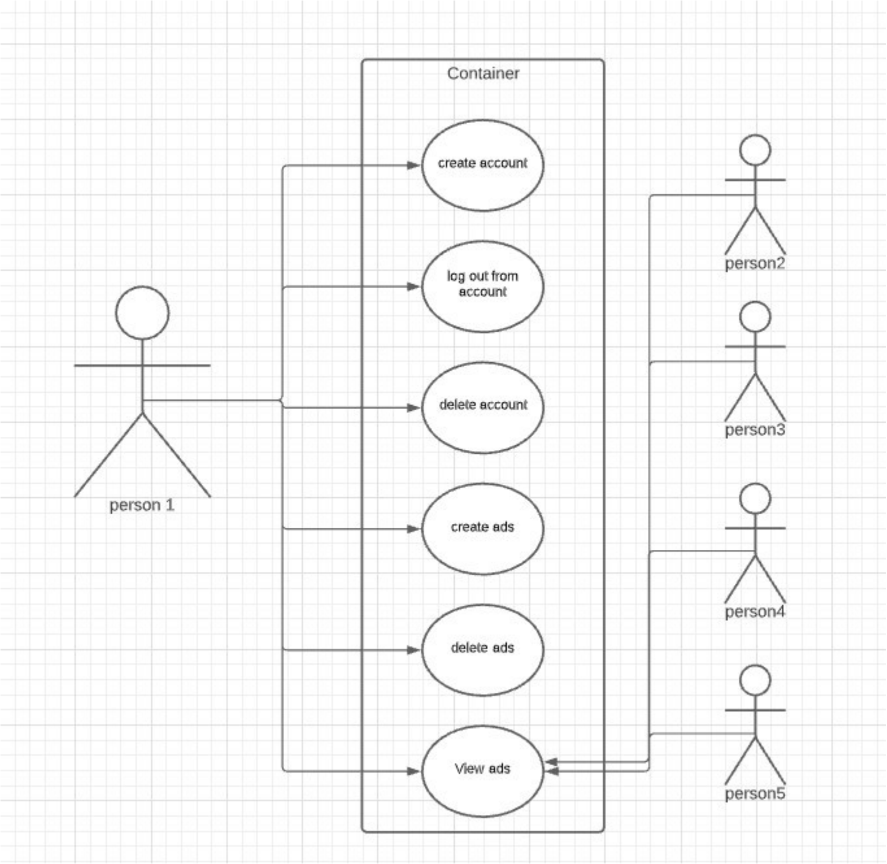
Level 1

Dataflow Diagram- Level 1



4.DFD level 1

Use Case Diagram



5.Use Case diagram

CHAPTER 5
Result and discussions

Code:

Main Activity.java:

```java
package com.example.test3;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.os.Handler;
import android.view.WindowManager;


public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        getWindow().setFlags(WindowManager.LayoutParams.FLAG_FULLSCREEN,WindowManager.LayoutParams.FLAG_FULLSCREEN);
        setContentView(R.layout.activity_main);

        new Handler().postDelayed(new Runnable(){
            @Override
            public void run() {
                Intent post Delayed = new Intent(MainActivity.this,MainActivity2.class);
                startActivity(intent);
                finish();
            }
        },1600);
    }
}
```

Activity_main.xml

```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=".MainActivity">

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:background="#323232"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
       android:src="@drawable/newlogo"
        android:padding="20dp" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

MainActivity2.java

```java
package com.example.test3;

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

import android.content.Intent;
import android.os.Bundle;
import android.text.TextUtils;
import android.util.Patterns;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ProgressBar;
import android.widget.TextView;
import android.widget.Toast;

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.auth.AuthResult;
import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.auth.SignInMethodQueryResult;

import java.util.regex.Pattern;

public class MainActivity2 extends AppCompatActivity {
    private FirebaseAuth mAuth;

    EditText ed1, ed2;
    Button b;
    TextView t,t5;
    ProgressBar pb;
    String user;



    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
        mAuth = FirebaseAuth.getInstance();

        ed1 = (EditText) findViewById(R.id.editTextTextPersonName);
        ed2 = (EditText) findViewById(R.id.editTextTextPassword);
        b = (Button) findViewById(R.id.button);
        t = (TextView) findViewById(R.id.textView);
        t5 = (TextView) findViewById(R.id.textView5);
        pb = (ProgressBar) findViewById(R.id.progressBar);

//***************************************************************sign up code is
here*************************************************************************************//
        t.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent signup_intent = new Intent(MainActivity2.this,MainActivity3.class);
               startActivity(signup_intent);
                finish();
            }
        });
//****************************************************Reset the
password************************************************************************************************
**//
        t5.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                mAuth.fetchSignInMethodsForEmail(ed1.getText().toString().trim())
                        .addOnCompleteListener(new OnCompleteListener<SignInMethodQueryResult>() {
```

```
//we are going to check if user's email is already present in our database
                            @Override
                            public void onComplete(@NonNull Task<SignInMethodQueryResult> task) {
                                if(task.getResult().getSignInMethods().isEmpty()){
                                    ed1.setError("E-mail is not Valid");
                                }
                            }
                        });
                if(TextUtils.isEmpty(ed1.getText().toString().trim())){                 //field is empty
or not
                    ed1.setError("Field can't be Empty");
                }
                if(!Patterns.EMAIL_ADDRESS.matcher(ed1.getText().toString().trim()).matches()){
//email is valid or not
                    ed1.setError("Email is not Valid");
                }
                else{
                    mAuth.sendPasswordResetEmail(ed1.getText().toString().trim())
//reset email is sent to the user
                            .addOnCompleteListener(new OnCompleteListener<Void>() {
                                @Override
                                public void onComplete(@NonNull Task<Void> task) {
                                    if(task.isSuccessful()){
                                        Toast.makeText(MainActivity2.this,"Please check your E-
mail",Toast.LENGTH_LONG).show();
                                    }else{
                                        Toast.makeText(MainActivity2.this,"something is wrong try
again",Toast.LENGTH_LONG).show();
                                    }
                                }
                            });
                }

            }
        });
//****************************************************************Login Start
here*************************************************************************************//

        b.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                pb.setVisibility(View.VISIBLE);
                String email = ed1.getText().toString().trim();
                String pass = ed2.getText().toString().trim();

                if(!TextUtils.isEmpty(email) && Patterns.EMAIL_ADDRESS.matcher(email).matches()) { }
//email is valid or not,field can not be empty here
                else {
                    Toast.makeText(MainActivity2.this,"email is no valid",Toast.LENGTH_LONG).show();
                    pb.setVisibility(View.GONE);
                    return;
                }
                if(TextUtils.isEmpty(pass))             //password field can not be empty
                {
                    Toast.makeText(MainActivity2.this,"Enter correct
password",Toast.LENGTH_LONG).show();
                    pb.setVisibility(View.GONE);
                    return;
                }
                mAuth.signInWithEmailAndPassword(email,pass).addOnCompleteListener(new
OnCompleteListener<AuthResult>() {
                    @Override
                    public void onComplete(@NonNull Task<AuthResult> task) {
                        if (task.isSuccessful())
                        {
                            Toast.makeText(MainActivity2.this, "Login successful!!",
Toast.LENGTH_LONG).show();     //sign in process
```

```
                            pb.setVisibility(View.GONE);
                            user = FirebaseAuth.getInstance().getCurrentUser().getUid();
                            Intent login_intent = new Intent(MainActivity2.this,home.class);
                            login_intent.putExtra("user_id",user);
                            startActivity(login_intent);
                            finish();
                        }
                        else {
                            Toast.makeText(MainActivity2.this,"Login
failed!!",Toast.LENGTH_LONG).show();           //sign in failed
                            pb.setVisibility(View.GONE);
                        }
                    }
                });
            }
        });
    }

}
```

activity_main2.xml

```
package com.example.test3;

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

import android.content.Intent;
import android.os.Bundle;
import android.text.TextUtils;
import android.util.Patterns;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ProgressBar;
import android.widget.TextView;
import android.widget.Toast;

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.auth.AuthResult;
import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.auth.SignInMethodQueryResult;

import java.util.regex.Pattern;

public class MainActivity2 extends AppCompatActivity {
    private FirebaseAuth mAuth;

    EditText ed1, ed2;
    Button b;
    TextView t,t5;
    ProgressBar pb;
    String user;



    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
        mAuth = FirebaseAuth.getInstance();

        ed1 = (EditText) findViewById(R.id.editTextTextPersonName);
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        b = (Button) findViewById(R.id.button);
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                finish();
            }
        });
//****************************************************Reset the
password************************************************************************************************
**//
        t5.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                mAuth.fetchSignInMethodsForEmail(ed1.getText().toString().trim())
                        .addOnCompleteListener(new OnCompleteListener<SignInMethodQueryResult>() {
//we are going to check if user's email is already present in our database
                            @Override
                            public void onComplete(@NonNull Task<SignInMethodQueryResult> task) {
                                if(task.getResult().getSignInMethods().isEmpty()){
                                    ed1.setError("E-mail is not Valid");
                                }
                            }
                        });
                if(TextUtils.isEmpty(ed1.getText().toString().trim())){                 //field is empty
or not
                    ed1.setError("Field can't be Empty");
                }
                if(!Patterns.EMAIL_ADDRESS.matcher(ed1.getText().toString().trim()).matches()){
//email is valid or not
                    ed1.setError("Email is not Valid");
                }
                else{
                    mAuth.sendPasswordResetEmail(ed1.getText().toString().trim())
//reset email is sent to the user
                            .addOnCompleteListener(new OnCompleteListener<Void>() {
                                @Override
                                public void onComplete(@NonNull Task<Void> task) {
                                    if(task.isSuccessful()){
                                        Toast.makeText(MainActivity2.this,"Please check your E-
mail",Toast.LENGTH_LONG).show();
                                    }else{
                                        Toast.makeText(MainActivity2.this,"something is wrong try
again",Toast.LENGTH_LONG).show();
                                    }
                                }
                            });
                }

            }
        });
//****************************************************************Login Start
here**************************************************************************************//

        b.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                pb.setVisibility(View.VISIBLE);
                String email = ed1.getText().toString().trim();
                String pass = ed2.getText().toString().trim();

                if(!TextUtils.isEmpty(email) && Patterns.EMAIL_ADDRESS.matcher(email).matches()) { }
//email is valid or not,field can not be empty here
                else {
                    Toast.makeText(MainActivity2.this,"email is no valid",Toast.LENGTH_LONG).show();
                    pb.setVisibility(View.GONE);
                    return;
                }
                if(TextUtils.isEmpty(pass))             //password field can not be empty
                {
                    Toast.makeText(MainActivity2.this,"Enter correct
password",Toast.LENGTH_LONG).show();
                    pb.setVisibility(View.GONE);
                    return;
                }
                mAuth.signInWithEmailAndPassword(email,pass).addOnCompleteListener(new
OnCompleteListener<AuthResult>() {
                    @Override
                    public void onComplete(@NonNull Task<AuthResult> task) {
                        if (task.isSuccessful())
                        {
                            Toast.makeText(MainActivity2.this, "Login successful!!",
Toast.LENGTH_LONG).show();     //sign in process
                            pb.setVisibility(View.GONE);
                            user = FirebaseAuth.getInstance().getCurrentUser().getUid();
                            Intent login_intent = new Intent(MainActivity2.this,home.class);
                            login_intent.putExtra("user_id",user);
                            startActivity(login_intent);
                            finish();
                        }
                        else {
                            Toast.makeText(MainActivity2.this,"Login
failed!!",Toast.LENGTH_LONG).show();           //sign in failed
                            pb.setVisibility(View.GONE);
                        }
                    }
                });
            }
        });
    }

}
```

MainActivity3.java

```
package com.example.test3;

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

import android.content.Intent;
import android.nfc.Tag;
import android.os.Bundle;
import android.text.TextUtils;
import android.util.Log;
import android.util.Patterns;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ProgressBar;
import android.widget.TextView;
import android.widget.Toast;

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.OnFailureListener;
import com.google.android.gms.tasks.OnSuccessListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.auth.AuthResult;
import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.firestore.DocumentReference;
import com.google.firebase.firestore.FirebaseFirestore;

import org.jetbrains.annotations.NotNull;

import java.util.HashMap;
import java.util.Map;
import java.util.regex.Pattern;

public class MainActivity3 extends AppCompatActivity {

    EditText ed3,ed4,ed5,ed6;
    Button b;
   TextView t;
    private FirebaseAuth mAuth;
    FirebaseFirestore db;
    String userID;
    private static final String TAG = "MainActivity3";
    ProgressBar pb;


    public static final Pattern PASSWORD_PATTERN =
            Pattern.compile("^" +
                    "(?=.*[@#$%^&+=])" +     // at least 1 special character
                    "(?=\\S+$)" +            // no white spaces
                    ".{4,}" +                // at least 4 characters
                    "$");


    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main3);

        ed3 =findViewById(R.id.editTextTextPersonName2);
        ed4 =findViewById(R.id.editTextTextEmailAddress);
        ed5 = findViewById(R.id.editTextTextPassword2);
        ed6 =findViewById(R.id.editTextPhone);
        b =findViewById(R.id.button2);
        t = findViewById(R.id.textView6);
        mAuth = FirebaseAuth.getInstance();
         db = FirebaseFirestore.getInstance();
         pb = findViewById(R.id.progressBar2);



//****************************************** user is redirect sign up page to login
page*************************************
        t.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new Intent(MainActivity3.this,MainActivity2.class);
                startActivity(intent);
                finish();
            }
        });
//***********************************user data registeration and sign up here
*******************************************
        b.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                pb.setVisibility(View.VISIBLE);
                String s1 = ed4.getText().toString().trim();                //all required data is
                String s2 = ed5.getText().toString().trim();                // store in the new
                String name = ed3.getText().toString();                        //string varrible
                String mbno = ed6.getText().toString().trim();

                if(TextUtils.isEmpty(s1)){
                    ed4.setError("E-mail can't be empty");
                    pb.setVisibility(View.GONE);
                }
                if( !Patterns.EMAIL_ADDRESS.matcher(s1).matches()){
                    ed4.setError("Email is not valid");
                    pb.setVisibility(View.GONE);
                }

                if(TextUtils.isEmpty(s2)){
                    ed5.setError("Password can't be empty");
                    pb.setVisibility(View.GONE);
                }
                if(!PASSWORD_PATTERN.matcher(s2).matches()){
                    ed5.setError("Password is too week");
                    pb.setVisibility(View.GONE);
                }

                mAuth.createUserWithEmailAndPassword(s1,s2).addOnCompleteListener(new
OnCompleteListener<AuthResult>() {
                    @Override
                    public void onComplete(@NonNull @org.jetbrains.annotations.NotNull
Task<AuthResult> task) {                 //user sign up code start here
                        if (task.isSuccessful()){
                            if(task.isSuccessful()){
                               String user_ID =
FirebaseAuth.getInstance().getCurrentUser().getUid();
                                DocumentReference docref =
db.collection("user").document(user_ID);        //user data saving into the database start from
here
                                Map<String,Object> user = new HashMap<>();
//using hash method in the firebase
                                user.put("name",name);
                                user.put("E-mail",s1);
                                user.put("Password",s2);
                                user.put("mobileNo",mbno);

                                docref.set(user).addOnSuccessListener(new
OnSuccessListener<Void>() {
                                    @Override
                                    public void onSuccess(Void unused) {
                                        Log.d(TAG,"user data saved"+userID);
                                    }
                                }).addOnFailureListener(new OnFailureListener() {
                                    @Override
                                    public void onFailure(@NonNull @NotNull Exception e) {
                                        Log.e(TAG, "can't save the data",e);
                                        pb.setVisibility(View.GONE);
                                    }
                                });
                                Toast.makeText(getApplicationContext(),"User created
successfully",Toast.LENGTH_SHORT).show();
                                Intent intent = new
Intent(getApplicationContext(),MainActivity2.class);                      // after registration is
complete then user is redirect
                                pb.setVisibility(View.GONE);
                                startActivity(intent);
// to the home screen
                            }else {
                                Toast.makeText(getApplicationContext(),"Please try
again",Toast.LENGTH_SHORT).show();
                                pb.setVisibility(View.GONE);
                            }
                        }

                    }
                });
            }
        });
    }
}
```

activity_main3.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=".MainActivity3"
    android:background="#D8E3E7">

    <TextView
        android:id="@+id/textView2"
        android:layout_width="244dp"
        android:layout_height="119dp"
        android:fontFamily="@font/unlock"
        android:text="Here's your First step with us!"
        android:textColor="@color/black"
        android:textSize="30dp"
        android:typeface="monospace"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.133"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.059"
        tools:ignore="HardcodedText" />

    <EditText
        android:id="@+id/editTextTextPersonName2"
        android:layout_width="300dp"
        android:layout_height="50dp"
        android:background="@drawable/etext"
        android:drawableLeft="@drawable/ic_baseline_person_24"
        android:drawablePadding="5dp"
        android:ems="10"
        android:hint="Enter Name"
        android:inputType="textPersonName"
        android:padding="4dp"
        android:textColor="@color/white"
        android:textColorHint="#FFFFFF"
        android:textSize="15dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.504"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.351" />

    <EditText
        android:id="@+id/editTextTextEmailAddress"
        android:layout_width="300dp"
        android:layout_height="50dp"
        android:background="@drawable/etext"
        android:drawableLeft="@drawable/ic_baseline_email_24"
        android:drawablePadding="5dp"
        android:ems="10"
        android:hint="Enter E-mail"
        android:inputType="textEmailAddress"
        android:padding="4dp"
        android:textColorHint="@color/white"
        android:textSize="15dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.504"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.471" />

    <EditText
        android:id="@+id/editTextTextPassword2"
        android:layout_width="300dp"
        android:layout_height="50dp"
        android:background="@drawable/etext"
        android:drawableLeft="@drawable/ic_baseline_lock_24"
        android:drawablePadding="5dp"
        android:ems="10"
        android:hint="Create Password"
        android:inputType="textPassword"
        android:padding="4dp"
        android:textColorHint="@color/white"
        android:textSize="15dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.592"
        android:textColor="@color/white"/>

    <EditText
        android:id="@+id/editTextPhone"
        android:layout_width="300dp"
        android:layout_height="50dp"
        android:background="@drawable/etext"
        android:drawableLeft="@drawable/ic_baseline_phone_android_24"
        android:drawablePadding="5dp"
        android:ems="10"
        android:hint="Enter PhoneNo."
        android:inputType="phone"
        android:padding="4dp"
        android:textColorHint="@color/white"
        android:textSize="15dp"
        android:textColor="@color/white"
        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="0.714" />

    <androidx.appcompat.widget.AppCompatButton
        android:id="@+id/button2"
        android:layout_width="160dp"
        android:layout_height="wrap_content"
        android:background="@drawable/lbtn"
        android:gravity="center"
        android:text="Register"
        android:textColor="@color/white"
        android:textSize="18dp"
        app:layout_constraintBottom_toBottomOf="parent"
        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="0.873" />

    <TextView
        android:id="@+id/textView6"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="51dp"
        android:text="Alredy have Account? Login here"
        android:textColor="@color/black"
        android:textSize="15dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="@+id/button2"
        app:layout_constraintVertical_bias="0.1" />

    <ProgressBar
        android:id="@+id/progressBar2"
        style="?android:attr/progressBarStyle"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:visibility="invisible"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Mainactivity4.java

```
package com.example.test3;

import androidx.appcompat.app.AppCompatActivity;
import androidx.fragment.app.Fragment;
import androidx.fragment.app.FragmentManager;

import android.content.Intent;
import android.os.Bundle;
import android.widget.Switch;
import android.widget.TextView;
import android.widget.Toast;

import com.google.android.material.chip.Chip;
import com.ismaeldivita.chipnavigation.ChipNavigationBar;

public class MainActivity4 extends AppCompatActivity {

    ChipNavigationBar CNV;
    TextView userid;


    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main4);
        Intent login_intent = getIntent();
        String str = login_intent.getStringExtra("user_id");//contain user id of logged user
        Toast.makeText(getApplicationContext(),"user_id"+str,Toast.LENGTH_SHORT).show();
        userid =(TextView)findViewById(R.id.userid);
        userid.setText(str);

        CNV = (ChipNavigationBar) findViewById(R.id.bottom_nav);
        CNV.setOnItemSelectedListener(new ChipNavigationBar.OnItemSelectedListener() {
            @Override
            public void onItemSelected(int i) {
                switch(i){
                    case R.id.my_acc:
                        Intent acc_intent = new Intent(MainActivity4.this,account.class);
                        acc_intent.putExtra("user_id",str);
                        startActivity(acc_intent);
                        finish();
                        break;
                    case R.id.home:
                        Intent home_intent = new Intent(MainActivity4.this,home.class);
                        home_intent.putExtra("user_id",str);
                        startActivity(home_intent);
                        finish();
                        break;
                    case R.id.sell:
                        Intent sell_intent = new Intent(MainActivity4.this,seller.class);
                        sell_intent.putExtra("user_id",str);
                        startActivity(sell_intent);
                        finish();
                        break;
                    case R.id.myads:
                        Intent myads_intent = new Intent(getApplicationContext(),myads.class);
                        myads_intent.putExtra("user_id",str);
                        startActivity(myads_intent);
                        finish();
                        break;

                }


            }
        });

    }
}
```

activity_main4.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=".MainActivity4"
    android:background="#D8E3E7">

    <androidx.constraintlayout.widget.ConstraintLayout
        android:id="@+id/container"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_above="@id/bottom_nav"
        android:layout_alignParentTop="true">


        <TextView
            android:id="@+id/userid"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.5"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            android:textSize="30dp"/>
    </androidx.constraintlayout.widget.ConstraintLayout>

    <com.ismaeldivita.chipnavigation.ChipNavigationBar
        android:layout_width="match_parent"
        android:layout_height="67dp"
        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="1.0"
        android:padding="5dp"
        android:elevation="15dp"
        android:background="@drawable/bottom_back"
        app:cnb_menuResource="@menu/bottom_item"
        android:id="@+id/bottom_nav"
        />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Account.java

```
package com.example.test3;

import android.app.ProgressDialog;
import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.ProgressBar;
import android.widget.TextView;
import android.widget.Toast;

import androidx.activity.result.ActivityResultCallback;
import androidx.activity.result.ActivityResultLauncher;
import androidx.activity.result.contract.ActivityResultContracts;
import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.OnFailureListener;
import com.google.android.gms.tasks.OnSuccessListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.firestore.DocumentReference;
import com.google.firebase.firestore.DocumentSnapshot;
import com.google.firebase.firestore.FirebaseFirestore;
import com.google.firebase.firestore.SetOptions;
import com.google.firebase.storage.FirebaseStorage;
import com.google.firebase.storage.StorageReference;
import com.google.firebase.storage.UploadTask;
import com.ismaeldivita.chipnavigation.ChipNavigationBar;
import com.squareup.picasso.Picasso;

import org.jetbrains.annotations.NotNull;

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

public class account extends AppCompatActivity {

    ChipNavigationBar CNV_acc;
    ImageView profile_image;
    TextView name,email,phone;
    Button cng_pic,logout,del_acc;
    public FirebaseAuth mAuth;
    private static final String TAG = "account";
    Uri filepath;
    String str,image_path_url;
    ProgressBar progress;
    StorageReference fileref,fileref1;
    FirebaseFirestore db;


    ActivityResultLauncher<String> mGetContent = registerForActivityResult(new
ActivityResultContracts.GetContent(),
            new ActivityResultCallback<Uri>() {
                @Override
                public void onActivityResult(Uri uri) {
                    // Handle the returned Uri
                    profile_image.setImageURI(uri);
                    filepath = uri;
                }
            });


    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_account);

        Intent acc_intent = getIntent();
        str = acc_intent.getStringExtra("user_id");//contain user id of logged user

        CNV_acc =(ChipNavigationBar)findViewById(R.id.bottom_nav_acc);
        CNV_acc.setOnItemSelectedListener(new ChipNavigationBar.OnItemSelectedListener() {
            @Override
            public void onItemSelected(int ia) {
                switch(ia){
                    case R.id.home:
                        Intent home_intent = new Intent(account.this,home.class);
                        home_intent.putExtra("user_id",str);
                        startActivity(home_intent);
                        finish();
                        break;
                    case R.id.sell:
                        Intent sell_intent = new Intent(account.this,seller.class);
                        sell_intent.putExtra("user_id",str);
                        startActivity(sell_intent);
                        finish();
                        break;
                    case R.id.myads:
                        Intent myads_intent = new Intent(account.this,myads.class);
                        myads_intent.putExtra("user_id",str);
                        startActivity(myads_intent);
                        finish();
                        break;

                }
            }
        });

//        **********************************************************user info code here
************************************************

        profile_image=(ImageView) findViewById(R.id.imageView2);
        name = (TextView) findViewById(R.id.textView8);
        email = (TextView)findViewById(R.id.textView10);
        phone = (TextView)findViewById(R.id.textView12);
        cng_pic=(Button)findViewById(R.id.button3);
        logout=(Button)findViewById(R.id.button4);
        del_acc=(Button)findViewById(R.id.button5);
        progress =(ProgressBar)findViewById(R.id.progressBar3);
        progress.setVisibility(View.INVISIBLE);
        mAuth = FirebaseAuth.getInstance();
        db = FirebaseFirestore.getInstance();
        fileref = FirebaseStorage.getInstance().getReference().child("user_pic").child(str);



        DocumentReference document =FirebaseFirestore.getInstance().collection("user").document(str);
        document.get().addOnSuccessListener(new OnSuccessListener<DocumentSnapshot>() {
            @Override
            public void onSuccess(DocumentSnapshot documentSnapshot) {
                if (documentSnapshot.exists()){
                    name.setText(documentSnapshot.getString("name"));
                    email.setText(documentSnapshot.getString("E-mail"));
                    phone.setText(documentSnapshot.getString("mobileNo"));
                    fileref = FirebaseStorage.getInstance().getReference().child("str");
                    Picasso.get().load("image_path_url").into(profile_image);

                }else {
                    Toast.makeText(getApplicationContext(),"No data found
for"+str,Toast.LENGTH_LONG).show();
                }

            }
        }).addOnFailureListener(new OnFailureListener() {
            @Override
            public void onFailure(@NonNull @NotNull Exception e) {

            }
        });
//***********************************profile image ******************************************
cng_pic.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        mGetContent.launch("image/*");
        UPLOAD_IMAGE();
    }
});
    }


    private void UPLOAD_IMAGE() {
        final ProgressDialog pd = new ProgressDialog(this);
        pd.setTitle("uploading...");
        pd.show();

        if (filepath != null){
            fileref.putFile(filepath).addOnCompleteListener(new
OnCompleteListener<UploadTask.TaskSnapshot>() {
                @Override
                public void onComplete(@NonNull @NotNull Task<UploadTask.TaskSnapshot> task) {
                    fileref.getDownloadUrl().addOnSuccessListener(new OnSuccessListener<Uri>() {
                        @Override
                        public void onSuccess(Uri uri) {
                             image_path_url = uri.toString();
//                            pd.dismiss();
                            Map<String,Object> product = new HashMap<>();
                            product.put("user_pic",image_path_url);
                            db.collection("user").document(str).set(product,
SetOptions.merge()).addOnCompleteListener(new OnCompleteListener<Void>() {
                                @Override
                                public void onComplete(@NonNull @NotNull Task<Void> task) {
                                        Log.d("Document","image saved");
                                   // Toast.makeText(getApplicationContext(),"image not
saved",Toast.LENGTH_SHORT).show();
                                    pd.dismiss();

                                }
                            }).addOnFailureListener(new OnFailureListener() {
                                @Override
                                public void onFailure(@NonNull @NotNull Exception e) {
                                    Log.d("Document","image not saved");
                                    Toast.makeText(getApplicationContext(),"image not
saved",Toast.LENGTH_SHORT).show();
                                    pd.dismiss();
```

```
                                     }
                                }); 
                            }
                       }); 
                   }
              }); 
         }
     }
}
```

activity_account.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=".account"
    android:background="#D8E3E7">

    <androidx.constraintlayout.widget.ConstraintLayout
        android:id="@+id/container_acc_lay"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_above="@id/bottom_nav_acc"
        android:layout_alignParentTop="true">

        <!--******************************************************code start
***************************************************************        -->

        <ImageView
            android:id="@+id/imageView2"
            android:layout_width="150dp"
            android:layout_height="150dp"
            android:layout_marginTop="25dp"
            android:background="#51C4D3"
            app:layout_constraintBottom_toBottomOf="parent"
            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="0.0"
            tools:src="@drawable/image_view_bydefault" />

        <TextView
            android:id="@+id/textView7"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Name"
            android:textSize="16dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.042"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.317" />

        <TextView
            android:id="@+id/textView8"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Name here"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.4"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.315" />

        <TextView
            android:id="@+id/textView9"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Gmail"
            android:textSize="16dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.042"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.403" />

        <TextView
            android:id="@+id/textView10"
            android:layout_width="230dp"
            android:layout_height="wrap_content"
            android:text="Gmail here"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.756"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.403" />

        <TextView
            android:id="@+id/textView11"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Phone no"
            android:textSize="16dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.045"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent" />

        <TextView
            android:id="@+id/textView12"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Phone no here"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.429"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent" />

        <androidx.appcompat.widget.AppCompatButton
            android:id="@+id/button3"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginRight="15dp"
            android:background="@drawable/lbtn"
            android:padding="5dp"
            android:text="Change Profile"
            android:textColor="@color/white"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.132"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.689" />

        <androidx.appcompat.widget.AppCompatButton
            android:id="@+id/button4"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:background="@drawable/lbtn"
            android:padding="5dp"
            android:text="Logout"
            android:textColor="@color/white"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintStart_toEndOf="@+id/button3"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.69" />

        <androidx.appcompat.widget.AppCompatButton
            android:id="@+id/button5"
            android:layout_width="200dp"
            android:layout_height="wrap_content"
```

```
            android:background="@drawable/lbtn"
            android:padding="5dp"
            android:text="Delete Account"
            android:textColor="@color/white"
            app:layout_constraintBottom_toBottomOf="parent"
            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="0.815" />

        <ProgressBar
            android:id="@+id/progressBar3"
            style="?android:attr/progressBarStyle"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.5"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent" />


        <!--*****************************************************code end
**************************************************************        -->
    </androidx.constraintlayout.widget.ConstraintLayout>

    <com.ismaeldivita.chipnavigation.ChipNavigationBar
        android:layout_width="match_parent"
        android:layout_height="67dp"
        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="1.0"
        android:padding="5dp"
        android:elevation="15dp"
        android:background="@drawable/bottom_back"
        app:cnb_menuResource="@menu/bottom_item"
        android:id="@+id/bottom_nav_acc"
        />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Home.java

```
package com.example.test3;

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

import android.content.Intent;
import android.os.Bundle;
import android.widget.Toast;

import com.google.android.gms.tasks.OnSuccessListener;
import com.google.firebase.firestore.DocumentSnapshot;
import com.google.firebase.firestore.FirebaseFirestore;
import com.google.firebase.firestore.QuerySnapshot;
import com.ismaeldivita.chipnavigation.ChipNavigationBar;

import java.util.ArrayList;
import java.util.List;

public class home extends AppCompatActivity {
    ChipNavigationBar CNVhome;
    RecyclerView rcycle;
    ArrayList<model> datalist;
    FirebaseFirestore db;
    myadapter adapter;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_home);
        Intent home_intent = getIntent();
        String str = home_intent.getStringExtra("user_id");//contain user id of logged user
       // Toast.makeText(getApplicationContext(),"user_id"+str,Toast.LENGTH_SHORT).show();

        CNVhome = (ChipNavigationBar) findViewById(R.id.bottom_nav_home);
        CNVhome.setOnItemSelectedListener(new ChipNavigationBar.OnItemSelectedListener() {
            @Override
            public void onItemSelected(int is) {

                switch(is){
                    case R.id.my_acc:
                        Intent acc_intent = new Intent(home.this,account.class);
                        acc_intent.putExtra("user_id",str);
                        startActivity(acc_intent);
                        finish();
                        break;
                    case R.id.sell:
                        Intent sell_intent = new Intent(home.this,seller.class);
                        sell_intent.putExtra("user_id",str);
                        startActivity(sell_intent);
                        finish();
                        break;
                    case R.id.myads:
                        Intent myads_intent = new Intent(home.this,myads.class);
                        myads_intent.putExtra("user_id",str);
                        startActivity(myads_intent);
                        finish();
                        break;

                }

            }
        });
//        ************************************************code
here*******************************************************
        db = FirebaseFirestore.getInstance();
        rcycle = (RecyclerView)findViewById(R.id.product_show_recycler);
        rcycle.setLayoutManager(new LinearLayoutManager(this));
        datalist = new ArrayList<>();
        adapter = new myadapter(datalist);
        rcycle.setAdapter(adapter);

        db.collection("product_info_admin").get()
                .addOnSuccessListener(new OnSuccessListener<QuerySnapshot>() {
                    @Override
                    public void onSuccess(QuerySnapshot queryDocumentSnapshots) {
                        List<DocumentSnapshot> list = queryDocumentSnapshots.getDocuments();
                        for (DocumentSnapshot d:list){
                            model obj = d.toObject(model.class);
                            datalist.add(obj);
                        }
                        adapter.notifyDataSetChanged();
                    }
                });


    }
}
```

activity_home.java

```
<?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=".home"
    android:background="#D8E3E7">



    <androidx.constraintlayout.widget.ConstraintLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_above="@id/bottom_nav_home"
        android:layout_alignParentTop="true"
        android:layout_marginBottom="1dp"
        android:id="@+id/container_home_lay">

<!--*****************************************************code start
**************************************************************        -->
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:id="@+id/recycler_linear"
    android:orientation="vertical"
    tools:ignore="MissingConstraints">

    <androidx.recyclerview.widget.RecyclerView
        android:id="@+id/product_show_recycler"
        android:layout_width="409dp"
        android:layout_height="591dp"
        tools:layout_editor_absoluteX="1dp"
        tools:layout_editor_absoluteY="1dp" />


</LinearLayout>


        <!--*****************************************************code end
**************************************************************        -->

    </androidx.constraintlayout.widget.ConstraintLayout>

    <com.ismaeldivita.chipnavigation.ChipNavigationBar
        android:layout_width="match_parent"
        android:layout_height="67dp"
        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="1.0"
        android:padding="5dp"
        android:elevation="15dp"
        android:background="@drawable/bottom_back"
        app:cnb_menuResource="@menu/bottom_item"
        android:id="@+id/bottom_nav_home"
        />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Myads.java

```
package com.example.test3;

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

import android.content.Intent;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.ImageButton;
import android.widget.Toast;

import com.google.android.gms.tasks.OnFailureListener;
import com.google.android.gms.tasks.OnSuccessListener;
import com.google.firebase.firestore.DocumentSnapshot;
import com.google.firebase.firestore.FirebaseFirestore;
import com.google.firebase.firestore.QuerySnapshot;
import com.ismaeldivita.chipnavigation.ChipNavigationBar;

import java.util.ArrayList;
import java.util.List;

public class myads extends AppCompatActivity {
    ChipNavigationBar CNVmyads;
    RecyclerView rcycle1;
    ArrayList<model> datalist1 = new ArrayList<>();
    FirebaseFirestore db;
    myadapter1 adapter1;
    String str;
    String document_id;
    //ImageButton delete_button;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_myads);


        Intent myads_intent = getIntent();
         str = myads_intent.getStringExtra("user_id");//contain user id of logged user


        CNVmyads = (ChipNavigationBar) findViewById(R.id.bottom_nav_my_ads);
        CNVmyads.setOnItemSelectedListener(new ChipNavigationBar.OnItemSelectedListener() {
            @Override
            public void onItemSelected(int i) {
                switch(i){
                    case R.id.my_acc:
                        Intent acc_intent = new Intent(getApplicationContext(),account.class);
                        acc_intent.putExtra("user_id",str);
                        startActivity(acc_intent);
                        finish();
                        break;
                    case R.id.home:
                        Intent home_intent = new Intent(getApplicationContext(),home.class);
                        home_intent.putExtra("user_id",str);
                        startActivity(home_intent);
                        finish();
                        break;
                    case R.id.sell:
                        Intent sell_intent = new Intent(getApplicationContext(),seller.class);
                        sell_intent.putExtra("user_id",str);
                        startActivity(sell_intent);
                        finish();
                        break;


                }
            }
        });

//     *******************************************************code here
*************************************

        db = FirebaseFirestore.getInstance();
        rcycle1 = (RecyclerView)findViewById(R.id.my_ads_recycler);
        rcycle1.setLayoutManager(new LinearLayoutManager(this));
        adapter1 = new myadapter1(datalist1);
        rcycle1.setAdapter(adapter1);
        //delete_button = (ImageButton) findViewById(R.id.delete_card_forever);

        db.collection("product_show").document("product_info").collection(str).get()
                .addOnSuccessListener(new OnSuccessListener<QuerySnapshot>() {
                    @Override
                    public void onSuccess(QuerySnapshot queryDocumentSnapshots) {
                        List<DocumentSnapshot> list = queryDocumentSnapshots.getDocuments();
                        for (DocumentSnapshot d:list){
                             document_id = d.getId();
                            model obj = d.toObject(model.class);
                            datalist1.add(obj);
                        }
                        adapter1.notifyDataSetChanged();
                    }
                });
//        delete_button.setOnClickListener(new View.OnClickListener() {
//            @Override
//            public void onClick(View v) {
//
db.collection("product_show").document("product_info").collection(str).document().delete();
//            }
//        });

    }
}
```

activity_myads.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=".myads"
    android:background="#D8E3E7">

    <androidx.constraintlayout.widget.ConstraintLayout
        android:id="@+id/container_my_ads_lay"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        app:layout_constraintBottom_toTopOf="@id/bottom_nav_my_ads"
        android:layout_alignParentTop="true"
        android:layout_marginBottom="65dp"
        tools:ignore="NotSibling">

        <!--*****************************************************code start
**************************************************************        -->

        <LinearLayout
            android:id="@+id/my_ads_linear_layout"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:orientation="vertical">


            <androidx.recyclerview.widget.RecyclerView
                android:id="@+id/my_ads_recycler"
                android:layout_width="match_parent"
                android:layout_height="580dp" />
        </LinearLayout>

        <!--*****************************************************code end
**************************************************************        -->
    </androidx.constraintlayout.widget.ConstraintLayout>

    <com.ismaeldivita.chipnavigation.ChipNavigationBar
        android:layout_width="match_parent"
        android:layout_height="67dp"
        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="1.0"
        android:padding="5dp"
        android:elevation="15dp"
        android:background="@drawable/bottom_back"
        app:cnb_menuResource="@menu/bottom_item"
        android:id="@+id/bottom_nav_my_ads"/>
```

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

Seller.java

```
package com.example.test3;

import androidx.activity.result.ActivityResultCallback;
import androidx.activity.result.ActivityResultLauncher;
import androidx.activity.result.contract.ActivityResultContracts;
import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;
import android.widget.ProgressBar;
import android.widget.RadioButton;

import com.google.android.gms.tasks.OnFailureListener;
import com.google.android.gms.tasks.OnSuccessListener;
import com.google.firebase.firestore.DocumentReference;
import com.google.firebase.firestore.FirebaseFirestore;
import com.ismaeldivita.chipnavigation.ChipNavigationBar;

import org.jetbrains.annotations.NotNull;
import java.util.HashMap;
import java.util.Map;

public class seller extends AppCompatActivity {

    ChipNavigationBar CNVseller;
    RadioButton radio1,radio2,radio3;
    Button pickimg,publish;
    EditText pname,pprice,uaddress,unumber;
    String radio_output_get,pname1,uaddress1,pprice1,unumber1;
    FirebaseFirestore db;
    String str;
    private static final String TAG = "seller";
    ProgressBar pshow;
    ImageView ads_image_show;
    Uri ads_filepath;

    ActivityResultLauncher<String> mGetContent = registerForActivityResult(new ActivityResultContracts.GetContent(),
            new ActivityResultCallback<Uri>() {
                @Override
                public void onActivityResult(Uri uri) {
                    // Handle the returned Uri
                    ads_image_show.setImageURI(uri);
                    ads_filepath = uri;
                }
            });


    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_seller);
        Intent sell_intent = getIntent();
        str = sell_intent.getStringExtra("user_id");//contain user id of logged user

        CNVseller =(ChipNavigationBar)findViewById(R.id.bottom_nav_seller);
        CNVseller.setOnItemSelectedListener(new ChipNavigationBar.OnItemSelectedListener() {
            @Override
            public void onItemSelected(int i) {
                switch (i) {
                    case R.id.my_acc:
                        Intent acc_intent = new Intent(seller.this, account.class);
                        acc_intent.putExtra("user_id", str);
                        startActivity(acc_intent);
                        finish();
                        break;
                    case R.id.home:
                        Intent home_intent = new Intent(seller.this, home.class);
                        home_intent.putExtra("user_id", str);
                        startActivity(home_intent);
                        finish();
                        break;

                    case R.id.myads:
                        Intent myads_intent = new Intent(getApplicationContext(),myads.class);
                        myads_intent.putExtra("user_id",str);
                        startActivity(myads_intent);
                        finish();
                        break;

                }
            }
        });

     //   ***********************************************code start here***************************************
        radio1 =(RadioButton)findViewById(R.id.rdbJava1);
        radio2 =(RadioButton)findViewById(R.id.rdbJava2);
        radio3 =(RadioButton)findViewById(R.id.rdbJava3);
        publish=(Button)findViewById(R.id.publis_btn);
        pname=(EditText)findViewById(R.id.editTextTextPersonName4);
        uaddress=(EditText)findViewById(R.id.editTextTextPersonName5);
        pprice=(EditText)findViewById(R.id.edittext111);
        unumber=(EditText)findViewById(R.id.edittext112);
        pshow = (ProgressBar) findViewById(R.id.progressBar4);
        pickimg =(Button)findViewById(R.id.linear_pick_img);
        ads_image_show = (ImageView) findViewById(R.id.imageView4);
        pshow.setVisibility(View.INVISIBLE);

        pickimg.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                mGetContent.launch("image/*");

            }
        });

        publish.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                    pshow.setVisibility(View.VISIBLE);
                pname1 = pname.getText().toString();
                uaddress1 = uaddress.getText().toString();
                pprice1 = pprice.getText().toString();
                unumber1 = unumber.getText().toString().trim();

                db = FirebaseFirestore.getInstance();
                Map<String,Object> product = new HashMap<>();
                product.put("pname",pname1);
                product.put("uaddress",uaddress1);
                product.put("pprice",pprice1);
                product.put("unumber",unumber1);
                product.put("pcat",radio_output_get);
                product.put("p_image",ads_filepath);

                db.collection("product_show").document("product_info").collection(str).add(product)
                        .addOnSuccessListener(new OnSuccessListener<DocumentReference>() {
                            @Override
                            public void onSuccess(DocumentReference documentReference) {
                                Log.d(TAG, "DocumentSnapshot added with ID: " + documentReference.getId());
                                pshow.setVisibility(View.INVISIBLE);

                            }
                        }).addOnFailureListener(new OnFailureListener() {
                    @Override
                    public void onFailure(@NonNull @NotNull Exception e) {
                        Log.w(TAG, "Error adding document", e);
                        pshow.setVisibility(View.INVISIBLE);
                    }
                });
                db.collection("product_info_admin").add(product)
                        .addOnSuccessListener(new OnSuccessListener<DocumentReference>() {
                            @Override
                            public void onSuccess(DocumentReference documentReference) {
                                Log.d(TAG, "DocumentSnapshot added with ID: " + documentReference.getId());
                            }
                        }).addOnFailureListener(new OnFailureListener() {
                    @Override
                    public void onFailure(@NonNull @NotNull Exception e) {
                        Log.w(TAG, "Error adding document", e);
                    }
                });
            }
        });
    }

    public void onRadioButtonClicked(View view) {
        boolean checked = ((RadioButton) view).isChecked();
        switch(view.getId()) {
            case R.id.rdbJava1:
                if (checked)
                    // Pirates are the best
                    radio_output_get= "Vegetable";
                    break;
            case R.id.rdbJava2:
                if (checked)
                    // Ninjas rule
                    radio_output_get="Fruits";
                    break;
            case R.id.rdbJava3:
                if (checked)
                    // Ninjas rule
                    radio_output_get="Dairy Product";
                    break;
        }
    }
}
```

activity_seller.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="#D8E3E7"
    tools:context=".seller">

    <ProgressBar
        android:id="@+id/progressBar4"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.5"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <LinearLayout
        android:id="@+id/seller_linear_layout_1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        app:layout_constraintBottom_toTopOf="@+id/bottom_nav_seller"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.0">

        <ImageView
            android:id="@+id/imageView4"
            android:layout_width="296dp"
            android:layout_height="180dp"
            android:layout_gravity="top|center_horizontal"
            android:layout_margin="10dp"
            android:layout_marginBottom="20dp"
            android:background="#51C4D3"
            android:padding="8dp"
            android:scaleType="fitXY"
            android:src="@drawable/ic_baseline_add_to_photos_24" />

        <LinearLayout
            android:id="@+id/seller_linear_layout_2"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_marginTop="10dp"
            android:orientation="vertical"
            android:padding="5dp">

            <EditText
                android:id="@+id/editTextTextPersonName4"
                android:layout_width="match_parent"
                android:layout_height="50dp"
                android:layout_margin="5dp"
                android:hint="Enter Product name here"
                android:inputType="text"
                android:padding="2dp"
                android:textColorHint="@color/black"
                tools:ignore="HardcodedText" />

            <EditText
                android:id="@+id/editTextTextPersonName5"
                android:layout_width="match_parent"
                android:layout_height="50dp"
                android:layout_margin="5dp"
                android:hint="Enter Address"
                android:inputType="textMultiLine"
                android:lines="2"
                android:padding="2dp"
                android:textColorHint="@color/black"
                tools:ignore="HardcodedText" />

            <LinearLayout
                android:id="@+id/seller_linear_layout_3"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:orientation="horizontal"
                android:padding="3dp">

                <EditText
                    android:id="@+id/edittext111"
                    android:layout_width="130dp"
                    android:layout_height="50dp"
                    android:hint="Price"
                    android:importantForAutofill="no"
                    android:inputType="number|text"
                    android:textColorHint="@color/black"
                    tools:ignore="HardcodedText" />

                <EditText
                    android:id="@+id/edittext112"
                    android:layout_width="match_parent"
                    android:layout_height="50dp"
                    android:hint="Number"
                    android:importantForAutofill="no"
                    android:textColorHint="@color/black"
                    tools:ignore="HardcodedText" />
            </LinearLayout>
```

```
<RadioGroup
    android:id="@+id/rdGroup"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="2dp"
    android:gravity="center"
    android:orientation="horizontal">

    <RadioButton
        android:id="@+id/rdbJava1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginRight="5dp"
        android:onClick="onRadioButtonClicked"
        android:text="Vegetable"
        android:textSize="18dp"
        tools:ignore="HardcodedText" />

    <RadioButton
        android:id="@+id/rdbJava2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginRight="5dp"
        android:onClick="onRadioButtonClicked"
        android:text="Fruits"
        android:textSize="18dp"
        tools:ignore="HardcodedText" />

    <RadioButton
        android:id="@+id/rdbJava3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:onClick="onRadioButtonClicked"
        android:text="Dairy product"
        android:textSize="18dp"
        tools:ignore="HardcodedText" />

</RadioGroup>

<LinearLayout
    android:id="@+id/linearlayout111"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="5dp"
    android:layout_marginBottom="30dp"
    android:gravity="center"
    android:orientation="horizontal"
    android:padding="5dp">

    <androidx.appcompat.widget.AppCompatButton
        android:id="@+id/linear_pick_img"
        android:layout_width="150dp"
        android:layout_height="35dp"
        android:layout_marginRight="10dp"
        android:background="@drawable/lbtn"
        android:padding="5dp"
        android:text="Pick image"
        android:textColor="#FFFFFF"
        android:textSize="16sp"
        tools:ignore="HardcodedText" />

    <androidx.appcompat.widget.AppCompatButton
        android:id="@+id/publis_btn"
        android:layout_width="150dp"
        android:layout_height="35dp"
        android:layout_marginLeft="10dp"
        android:background="@drawable/lbtn"
```

```
                    android:padding="5dp"
                    android:text="publish"
                    android:textColor="#FFFFFF"
                    android:textSize="16sp"
                    tools:ignore="HardcodedText" />

            </LinearLayout>
        </LinearLayout>
    </LinearLayout>

    <com.ismaeldivita.chipnavigation.ChipNavigationBar
        android:id="@+id/bottom_nav_seller"
        android:layout_width="match_parent"
        android:layout_height="67dp"
        android:background="@drawable/bottom_back"
        android:elevation="15dp"
        android:padding="5dp"
        app:cnb_menuResource="@menu/bottom_item"
        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="1.0" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Model.java

```
package com.example.test3;

public class model {
    String pname,uaddress,pprice,unumber,pcat;

    public model(){

    }

    public model(String pname, String uaddress, String pprice, String unumber, String pcat) {
        this.pname = pname;
        this.uaddress = uaddress;
        this.pprice = pprice;
        this.unumber = unumber;
        this.pcat = pcat;
    }

    public String getPname() {
        return pname;
    }

    public void setPname(String pname) {
        this.pname = pname;
    }

    public String getUaddress() {
        return uaddress;
    }

    public void setUaddress(String uaddress) {
        this.uaddress = uaddress;
    }

    public String getPprice() {
        return pprice;
    }

    public void setPprice(String pprice) {
        this.pprice = pprice;
    }
    public String getUnumber() {
        return unumber;
    }

    public void setUnumber(String unumber) {
        this.unumber = unumber;
    }

    public String getPcat() {
        return pcat;
    }

    public void setPcat(String pcat) {
        this.pcat = pcat;
    }
}
```

myadapter.java

```
package com.example.test3;

import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.ListView;
import android.widget.TextView;

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

import org.jetbrains.annotations.NotNull;

import java.util.ArrayList;

public class myadapter extends RecyclerView.Adapter<myadapter.myviewholder> {

    ArrayList<model> datalist;

    public myadapter(ArrayList<model> datalist) {
        this.datalist = datalist;
    }

    @NonNull
    @NotNull
    @Override
    public myviewholder onCreateViewHolder(@NonNull @NotNull ViewGroup parent, int viewType) {
        View view = LayoutInflater.from(parent.getContext()).inflate(R.layout.card,parent,false);
        return new myviewholder(view);
    }

    @Override
    public void onBindViewHolder(@NonNull @NotNull myadapter.myviewholder holder, int position) {
        holder.image_cat_header.setText(datalist.get(position).getPcat());
        holder.card_info_data_header.setText(datalist.get(position).getPname());
        holder.card_user_number.setText(datalist.get(position).getUnumber());
        holder.card_address.setText(datalist.get(position).getUaddress());
        holder.card_product_price.setText(datalist.get(position).getPprice());
    }

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

    class myviewholder extends RecyclerView.ViewHolder {
        TextView
image_cat_header,card_info_data_header,card_address,card_user_number,card_product_price;
```

```
        public myviewholder(@NonNull @NotNull View itemView) {
            super(itemView);
            image_cat_header = itemView.findViewById(R.id.image_cat_header);
            card_info_data_header = itemView.findViewById(R.id.card_info_data_header);
            card_address = itemView.findViewById(R.id.card_address);
            card_user_number = itemView.findViewById(R.id.card_user_number);
            card_product_price = itemView.findViewById(R.id.card_product_price);
        }
    }
}
```

myadapter1.java

```
package com.example.test3;

import android.content.DialogInterface;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.Button;
import android.widget.ImageButton;
import android.widget.ListView;
import android.widget.TextView;
import androidx.annotation.NonNull;
import androidx.appcompat.app.AlertDialog;
import androidx.recyclerview.widget.RecyclerView;

import com.google.firebase.firestore.DocumentSnapshot;
import com.google.firebase.firestore.FirebaseFirestore;
import org.jetbrains.annotations.NotNull;

import java.util.ArrayList;

public class myadapter1 extends RecyclerView.Adapter<myadapter1.myviewholder> {
    ArrayList<model> datalist1;


    public myadapter1(ArrayList<model> datalist1) {
        this.datalist1 = datalist1;
    }

    @NonNull
    @NotNull
    @Override
    public myviewholder onCreateViewHolder(@NonNull @NotNull ViewGroup parent, int viewType) {
        View view = LayoutInflater.from(parent.getContext()).inflate(R.layout.card2,parent,false);
        return new myadapter1.myviewholder(view);
    }

    @Override
    public void onBindViewHolder(@NonNull @NotNull myadapter1.myviewholder holder, int position) {
        holder.image_cat_header2.setText(datalist1.get(position).getPcat());
        holder.card2_info_data_header.setText(datalist1.get(position).getPname());
        holder.card2_user_number.setText(datalist1.get(position).getUnumber());
        holder.card2_address.setText(datalist1.get(position).getUaddress());
        holder.card2_product_price.setText(datalist1.get(position).getPprice());

    }
    @Override
    public int getItemCount() {
        return datalist1.size();
    }

    class myviewholder extends RecyclerView.ViewHolder {
        TextView
image_cat_header2,card2_info_data_header,card2_address,card2_user_number,card2_product_price;
        //ImageButton delete_card_forever;
        public myviewholder(@NonNull @NotNull View itemView) {
            super(itemView);
            image_cat_header2 = itemView.findViewById(R.id.image_cat_header2);
            card2_info_data_header = itemView.findViewById(R.id.card2_info_data_header);
            card2_address = itemView.findViewById(R.id.card2_address);
            card2_user_number = itemView.findViewById(R.id.card2_user_number);
            card2_product_price = itemView.findViewById(R.id.card2_product_price);
            //delete_card_forever = itemView.findViewById(R.id.delete_card_forever);

        }
    }
}
```

bottom_item.xml

```
<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto">
    <item
        android:id="@+id/my_acc"
        android:title="Account"
        android:icon="@drawable/ic_baseline_person_24"
        app:cnb_backgroundColor="#51C4D3"
        app:cnb_iconColor="#fff"
        app:cnb_textColor="#fff"
        />

    <item
        android:id="@+id/home"
        android:title="Home"
        android:icon="@drawable/ic_baseline_home_24"
        app:cnb_backgroundColor="#51C4D3"
        app:cnb_iconColor="#fff"
        app:cnb_textColor="#fff"
        />

    <item
        android:id="@+id/sell"
        android:title="Sell"
        android:icon="@drawable/sell"
        app:cnb_backgroundColor="#51C4D3"
        app:cnb_iconColor="#fff"
        app:cnb_textColor="#fff"
        />

    <item
        android:id="@+id/myads"
        android:title="My Ads"
        android:icon="@drawable/ads"
        app:cnb_backgroundColor="#51C4D3"
        app:cnb_iconColor="#fff"
        app:cnb_textColor="#fff"
        />
</menu>
```

Bottom_back.xml

```
<?xml version="1.0" encoding="utf-8"?>
<shape
    xmlns:android="http://schemas.android.com/apk/res/android">
    <solid android:color="#132c33"/>
    <corners android:topLeftRadius="20dp"
        android:topRightRadius="20dp"/>

</shape>
```

Etext.xml

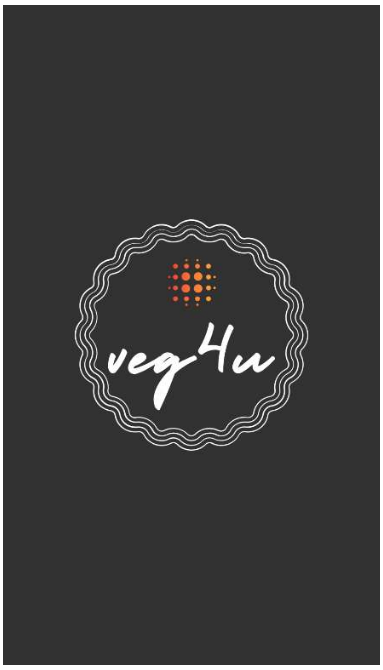
```
<?xml version="1.0" encoding="utf-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android"
```

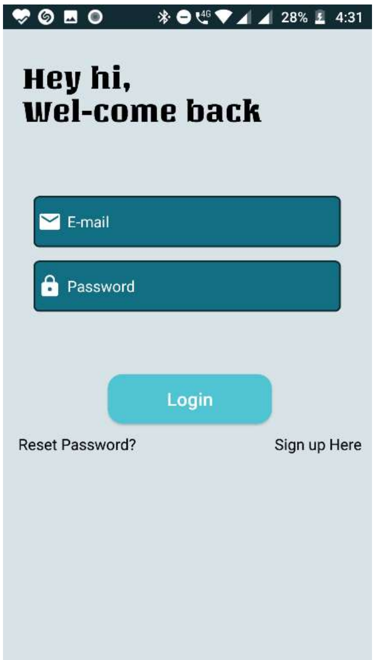
```
android:shape="rectangle">
   <solid android:color="#126E82"/>
    <corners android:radius="5dp"/>
    <stroke android:color="#132C33" android:width="1.5dp"/>

</shape>
```

Ibtn.xml

```
<?xml version="1.0" encoding="utf-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android" android:shape="rectangle">
    <solid android:color="#51C4D3"/>
    <corners android:radius="14dp"/>
</shape>
```

Output:





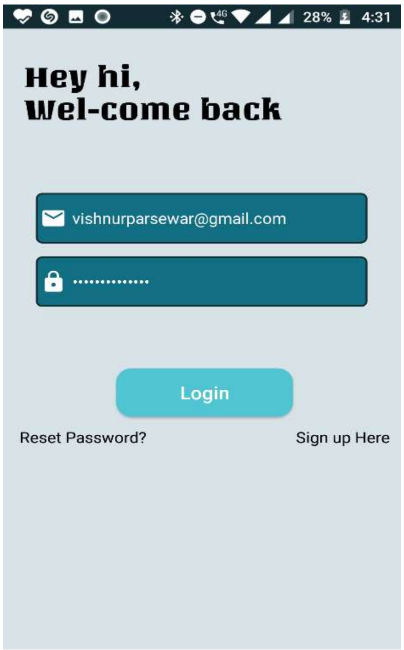
Hey hi,
Wel-come back

E-mail

Password

Login

Reset Password? Sign up Here



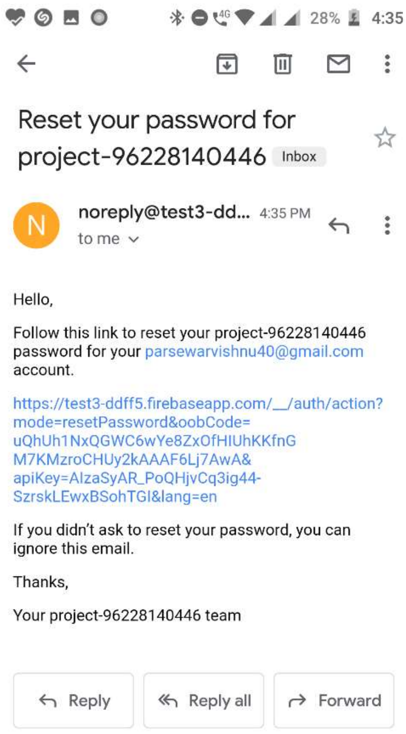
Hey hi,
Wel-come back

vishnurparsewar@gmail.com

••••••••••••••

Login

Reset Password? Sign up Here



Reset your password for project-96228140446 Inbox

noreply@test3-dd... 4:35 PM
to me

Hello,

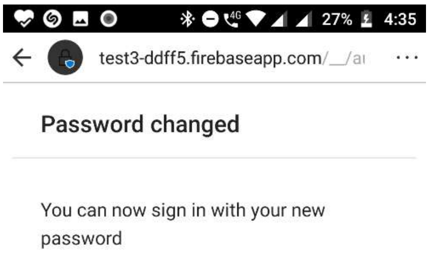
Follow this link to reset your project-96228140446 password for your parsewarvishnu40@gmail.com account.

https://test3-ddff5.firebaseapp.com/__/auth/action?mode=resetPassword&oobCode=uQhUh1NxQGWC6wYe8ZxOfHIUhKKfnGM7KMzroCHUy2kAAAF6Lj7AwA&apiKey=AIzaSyAR_PoQHjvCq3ig44-SzrskLEwxBSohTGI&lang=en

If you didn't ask to reset your password, you can ignore this email.

Thanks,

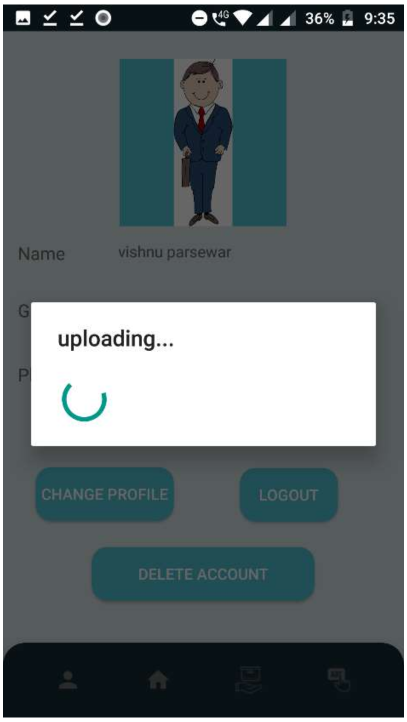
Your project-96228140446 team



test3-ddff5.firebaseapp.com/__/a

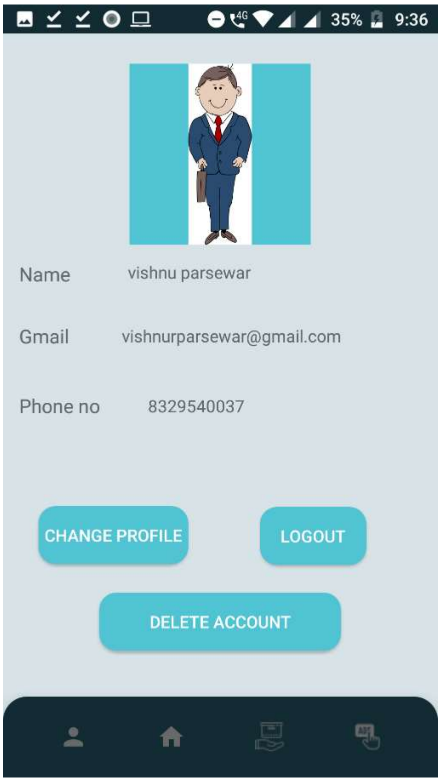
Password changed

You can now sign in with your new password



Name vishnu parsewar

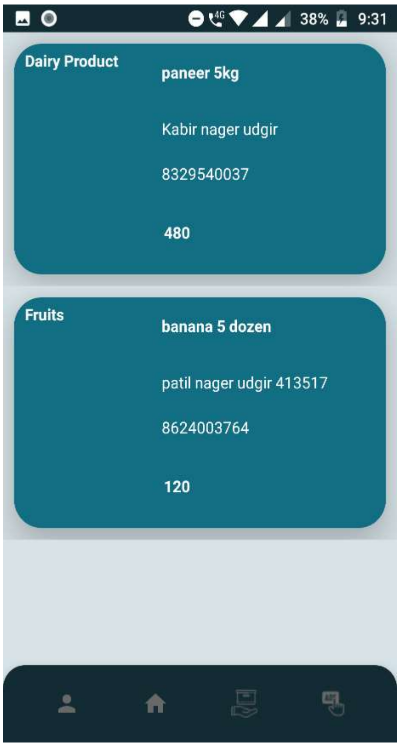
uploading...



Name vishnu parsewar

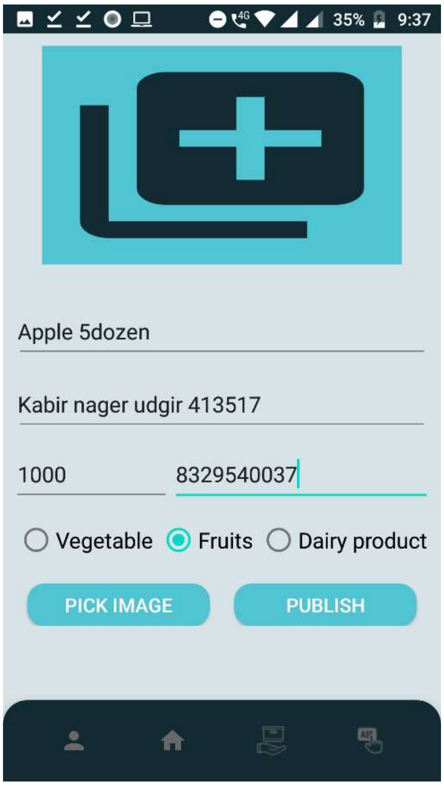
Gmail vishnurparsewar@gmail.com

Phone no 8329540037



Dairy Product paneer 5kg
Kabir nager udgir
8329540037
480

Fruits banana 5 dozen
patil nager udgir 413517
8624003764
120

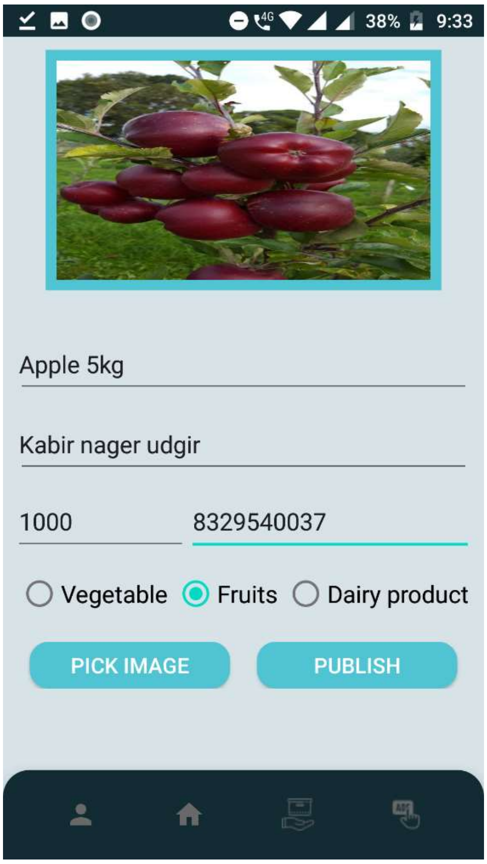


Apple 5dozen

Kabir nager udgir 413517

1000 8329540037

○ Vegetable ● Fruits ○ Dairy product

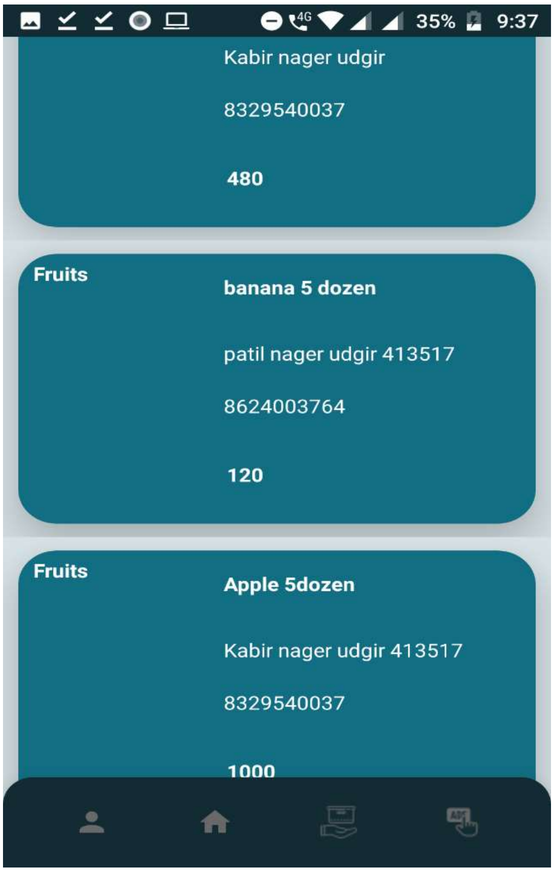


Apple 5kg

Kabir nager udgir

1000 8329540037

○ Vegetable ● Fruits ○ Dairy product



Kabir nager udgir

8329540037

480

Fruits

banana 5 dozen

patil nager udgir 413517

8624003764

120

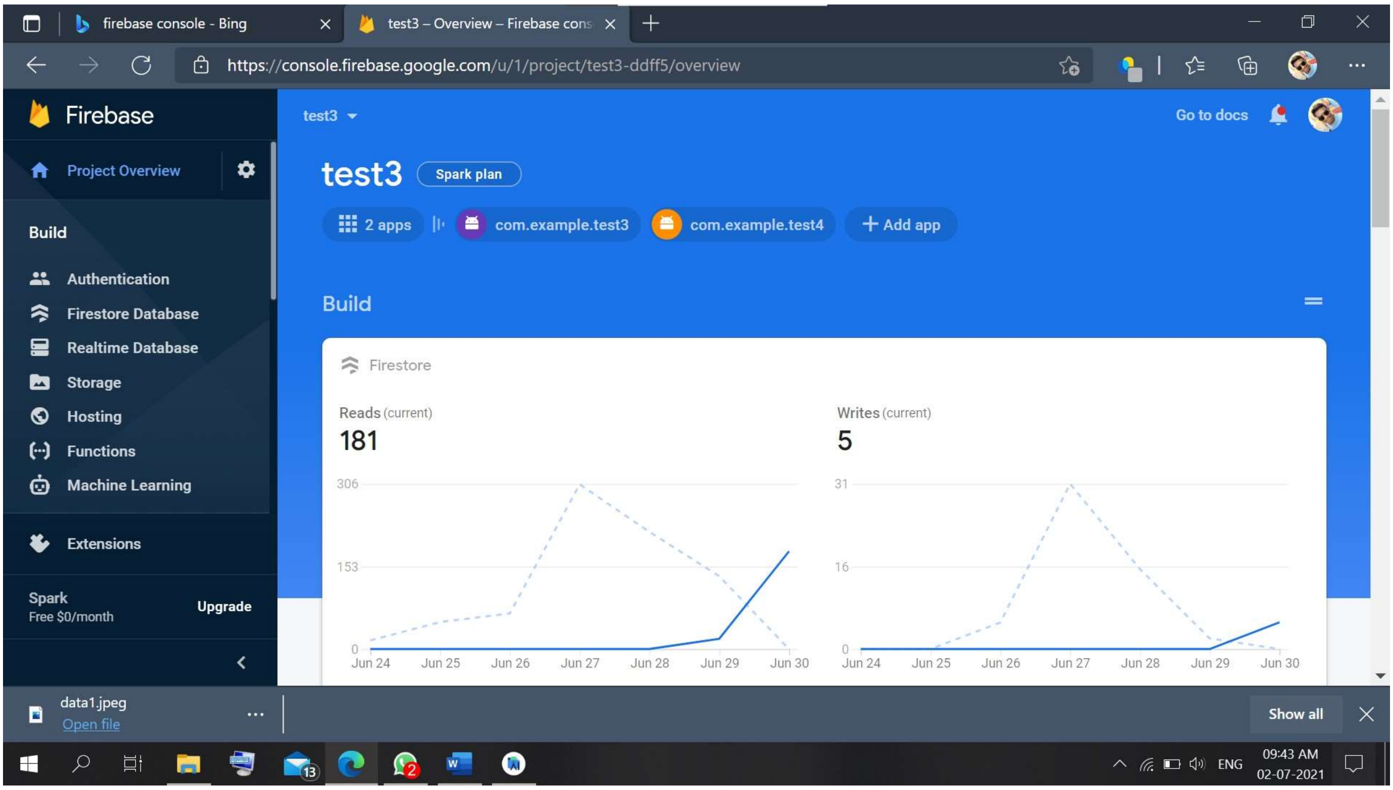
Fruits

Apple 5dozen

Kabir nager udgir 413517

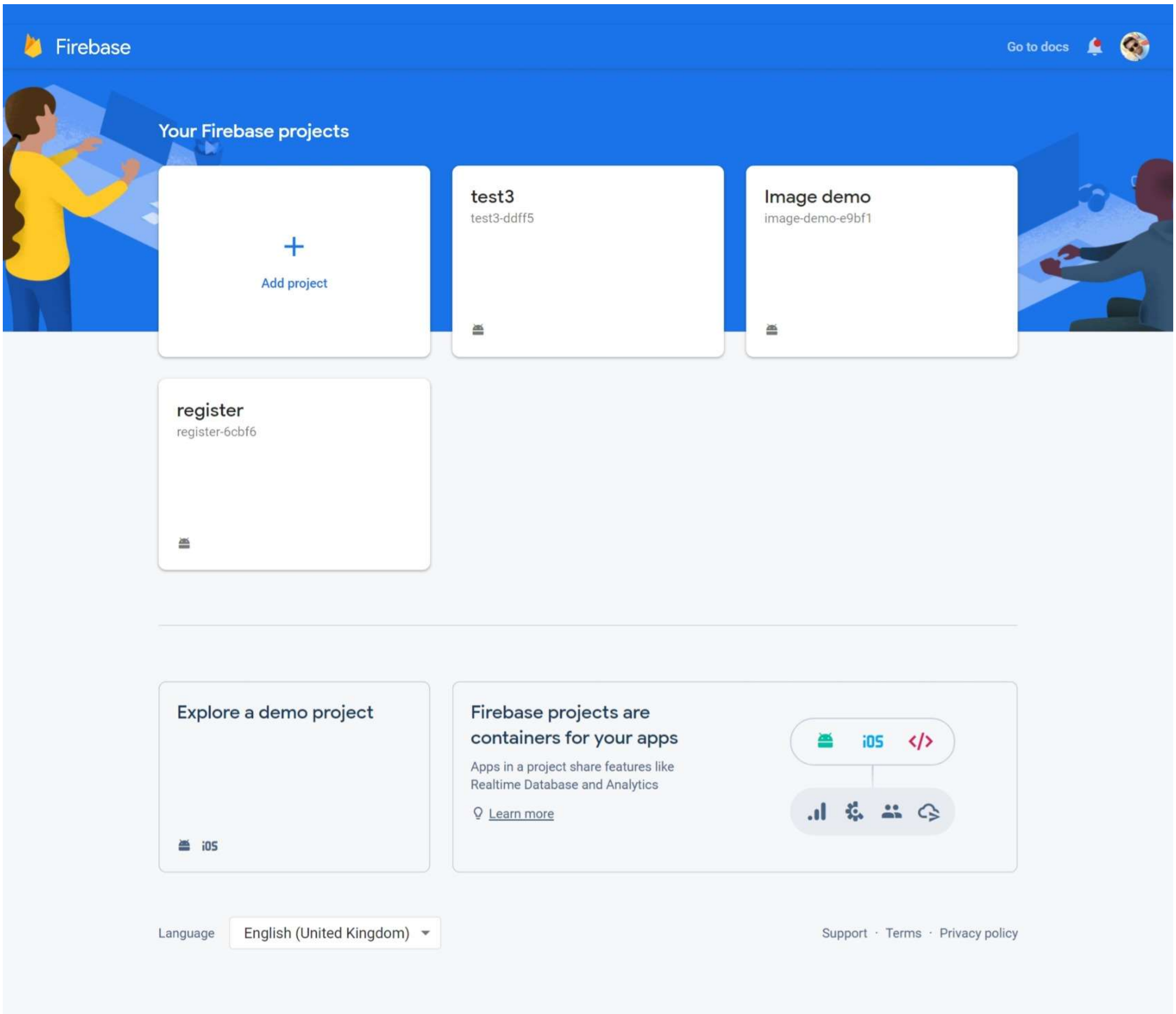
8329540037

1000



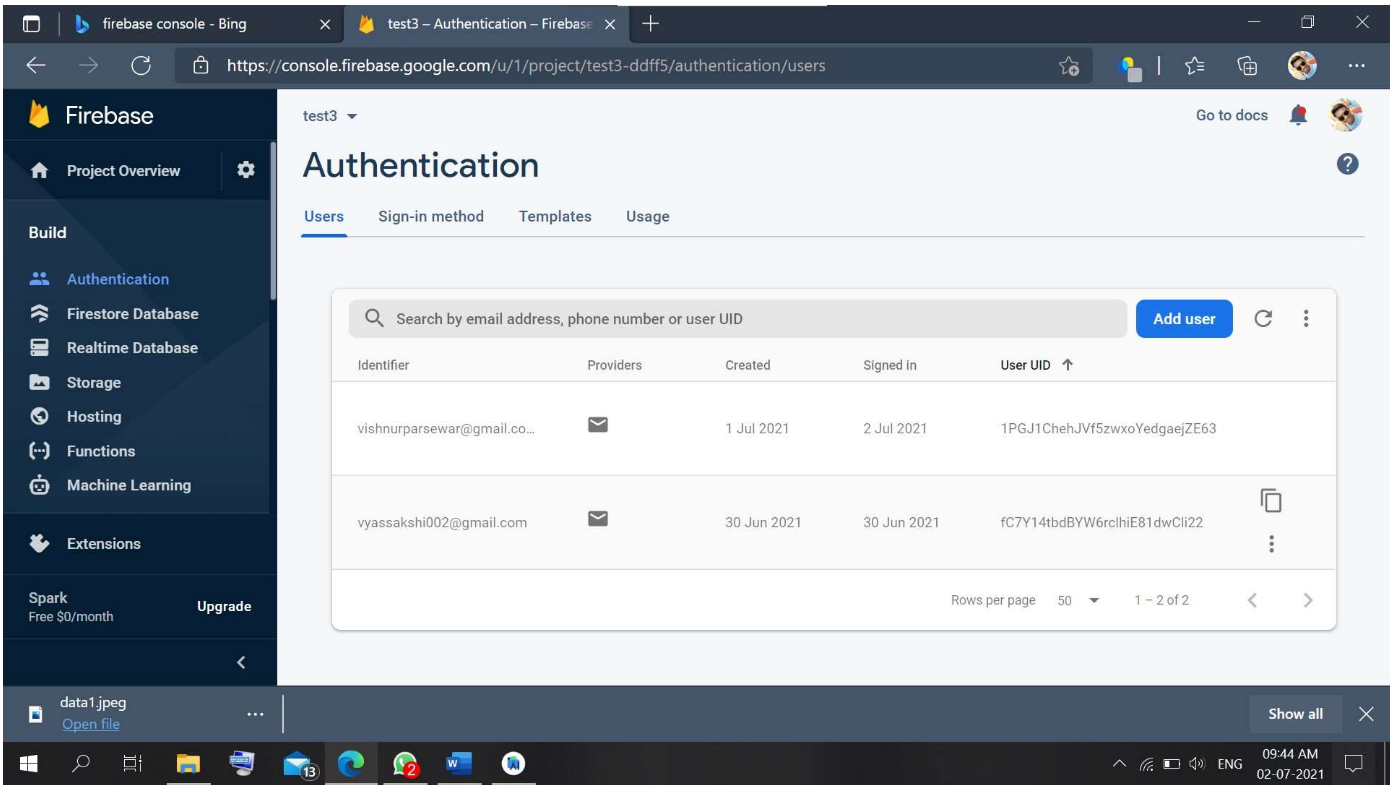
Reads (current)
181

Writes (current)
5



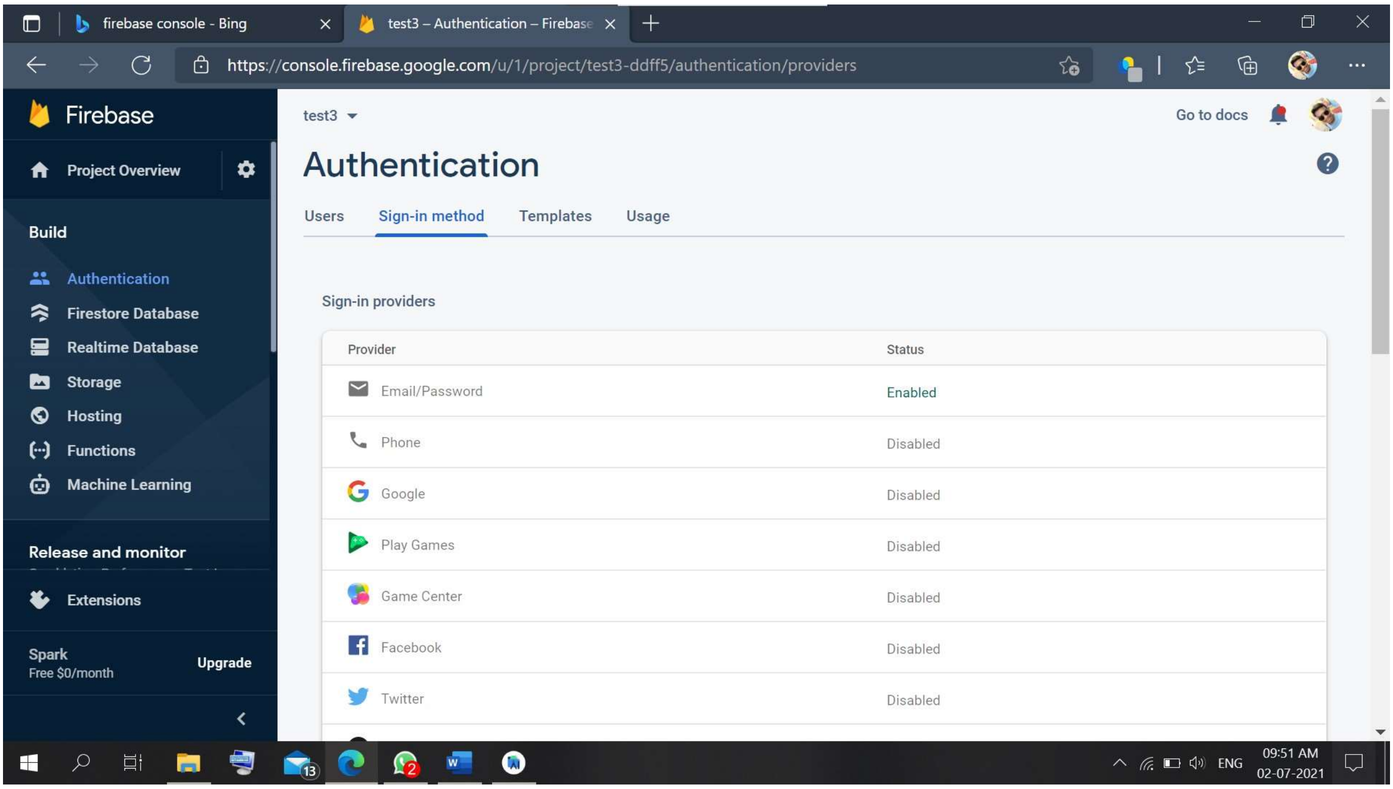
Firebase projects are containers for your apps

Apps in a project share features like Realtime Database and Analytics



Authentication

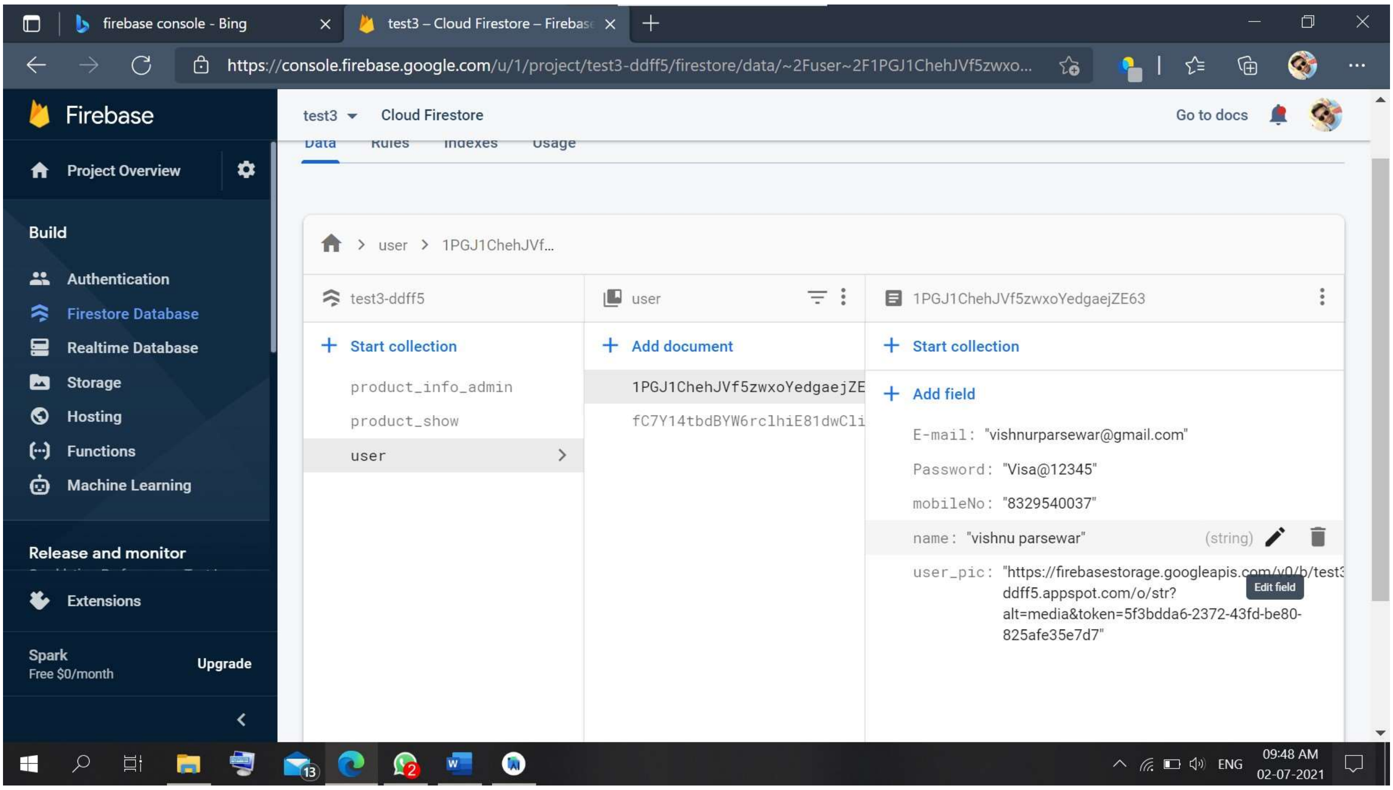
Identifier	Providers	Created	Signed in	User UID ↑
vishnurparsewar@gmail.co...	✉	1 Jul 2021	2 Jul 2021	1PGJ1ChehJVf5zwxoYedgaejZE63
vyassakshi002@gmail.com	✉	30 Jun 2021	30 Jun 2021	fC7Y14tbdBYW6rclhiE81dwCli22



Authentication

Sign-in providers

Provider	Status
Email/Password	Enabled
Phone	Disabled
Google	Disabled
Play Games	Disabled
Game Center	Disabled
Facebook	Disabled
Twitter	Disabled

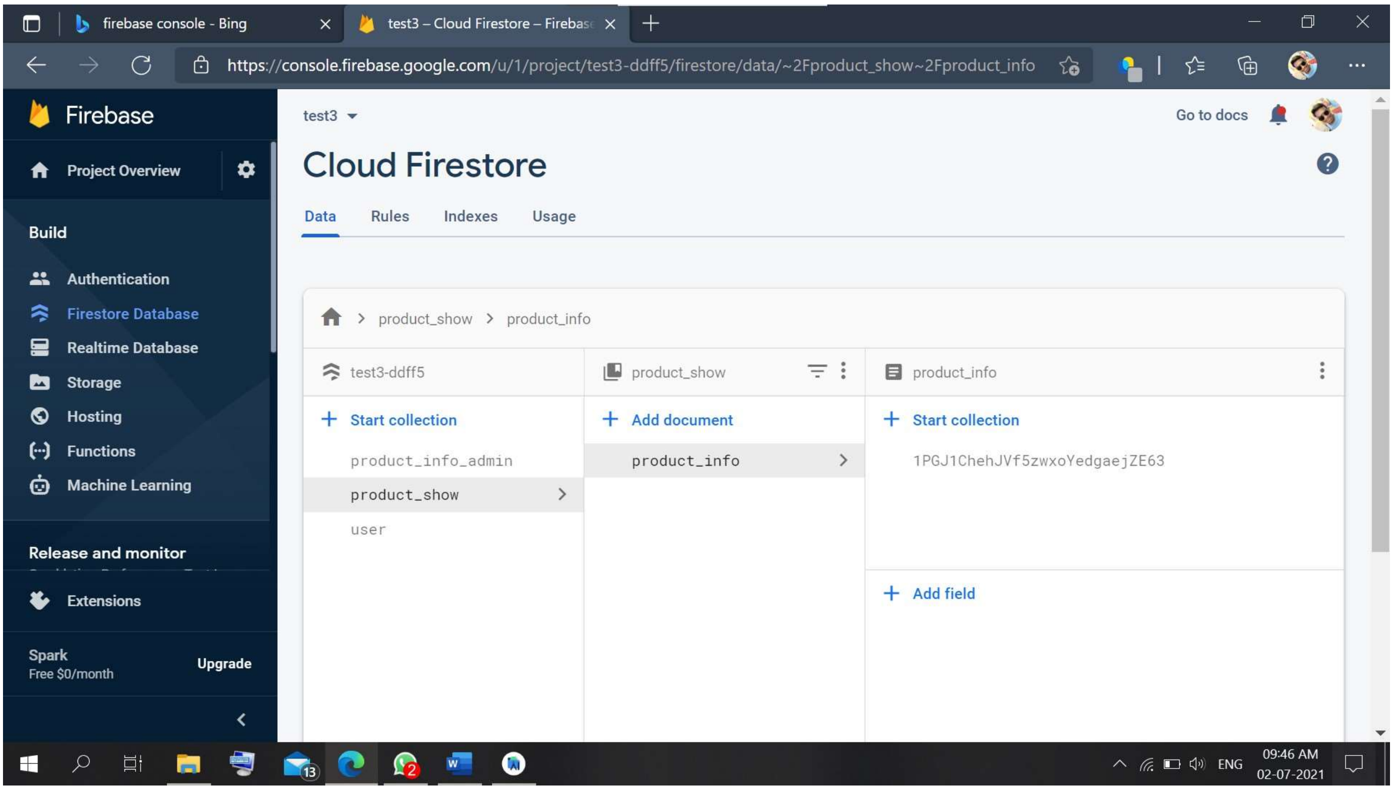


https://console.firebase.google.com/u/1/project/test3-ddff5/firestore/data/~2Fuser~2F1PGJ1ChehJVf5zwxo...

user > 1PGJ1ChehJVf...

test3-ddff5	user	1PGJ1ChehJVf5zwxoYedgaejZE63
product_info_admin	1PGJ1ChehJVf5zwxoYedgaejZE	
product_show	fC7Y14tbdBYW6rclhiE81dwCli	
user		

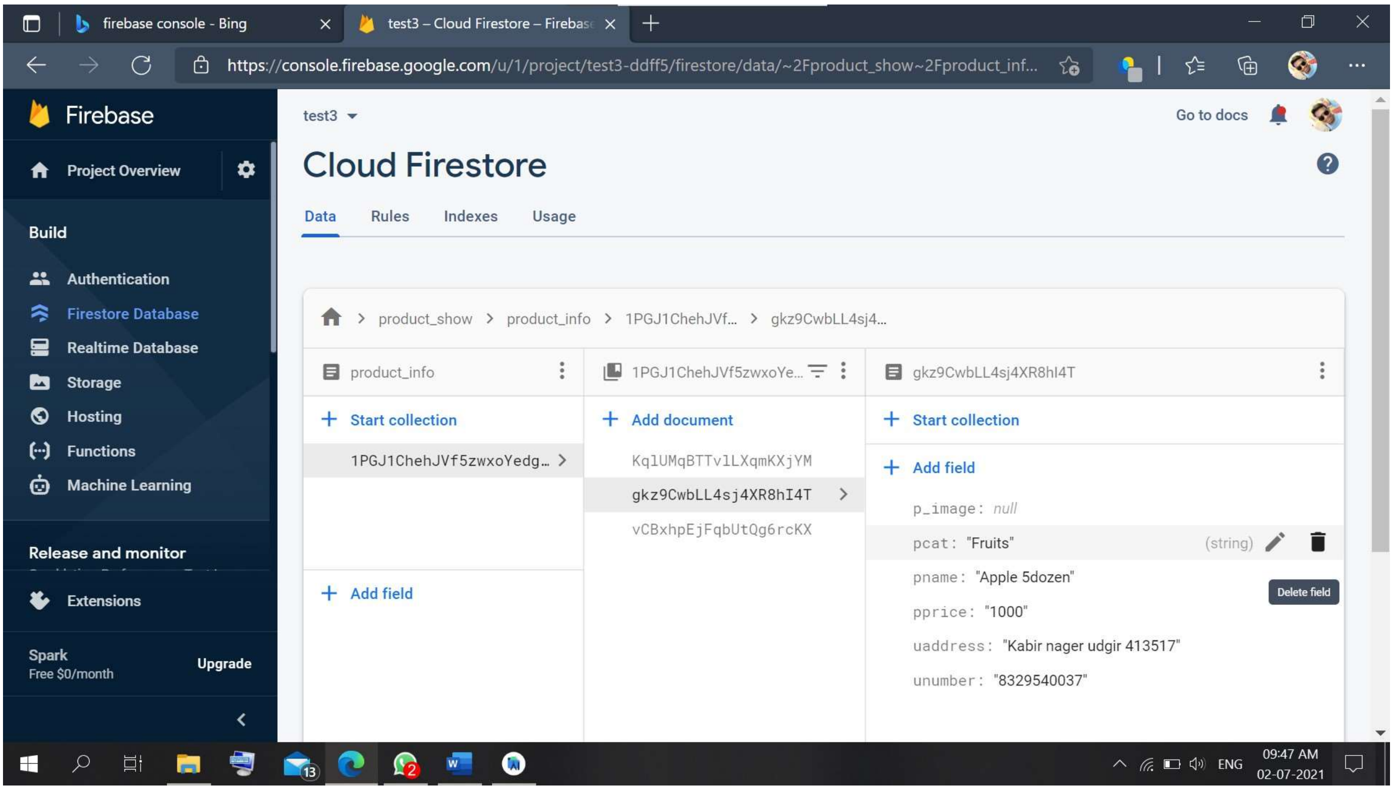
E-mail: "vishnurparsewar@gmail.com"
Password: "Visa@12345"
mobileNo: "8329540037"
name: "vishnu parsewar" (string)
user_pic: "https://firebasestorage.googleapis.com/v0/b/test3-ddff5.appspot.com/o/str?alt=media&token=5f3bdda6-2372-43fd-be80-825afe35e7d7"



https://console.firebase.google.com/u/1/project/test3-ddff5/firestore/data/~2Fproduct_show~2Fproduct_info

product_show > product_info

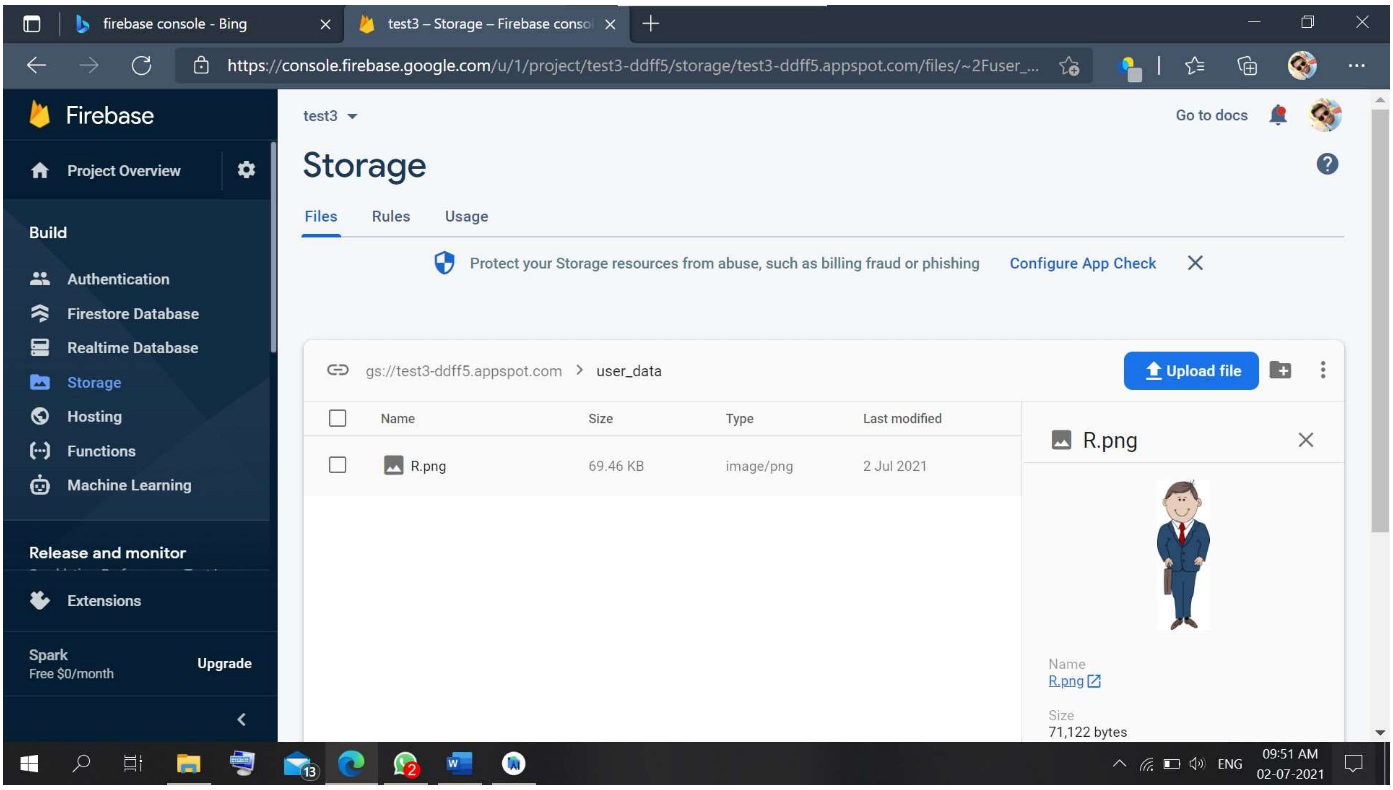
test3-ddff5	product_show	product_info
product_info_admin	product_info	1PGJ1ChehJVf5zwxoYedgaejZE63
product_show		
user		



Cloud Firestore

product_show > product_info > 1PGJ1ChehJVf... > gkz9CwbLL4sj4...

product_info	1PGJ1ChehJVf5zwxoYe...	gkz9CwbLL4sj4XR8hI4T
1PGJ1ChehJVf5zwxoYedg...	KqlUMqBTTvlLXqmKXjYM	p_image: null
	gkz9CwbLL4sj4XR8hI4T	pcat: "Fruits" (string)
	vCBxhpEjFqbUtQg6rcKX	pname: "Apple 5dozen"
		pprice: "1000"
		uaddress: "Kabir nager udgir 413517"
		unumber: "8329540037"



Storage

Protect your Storage resources from abuse, such as billing fraud or phishing

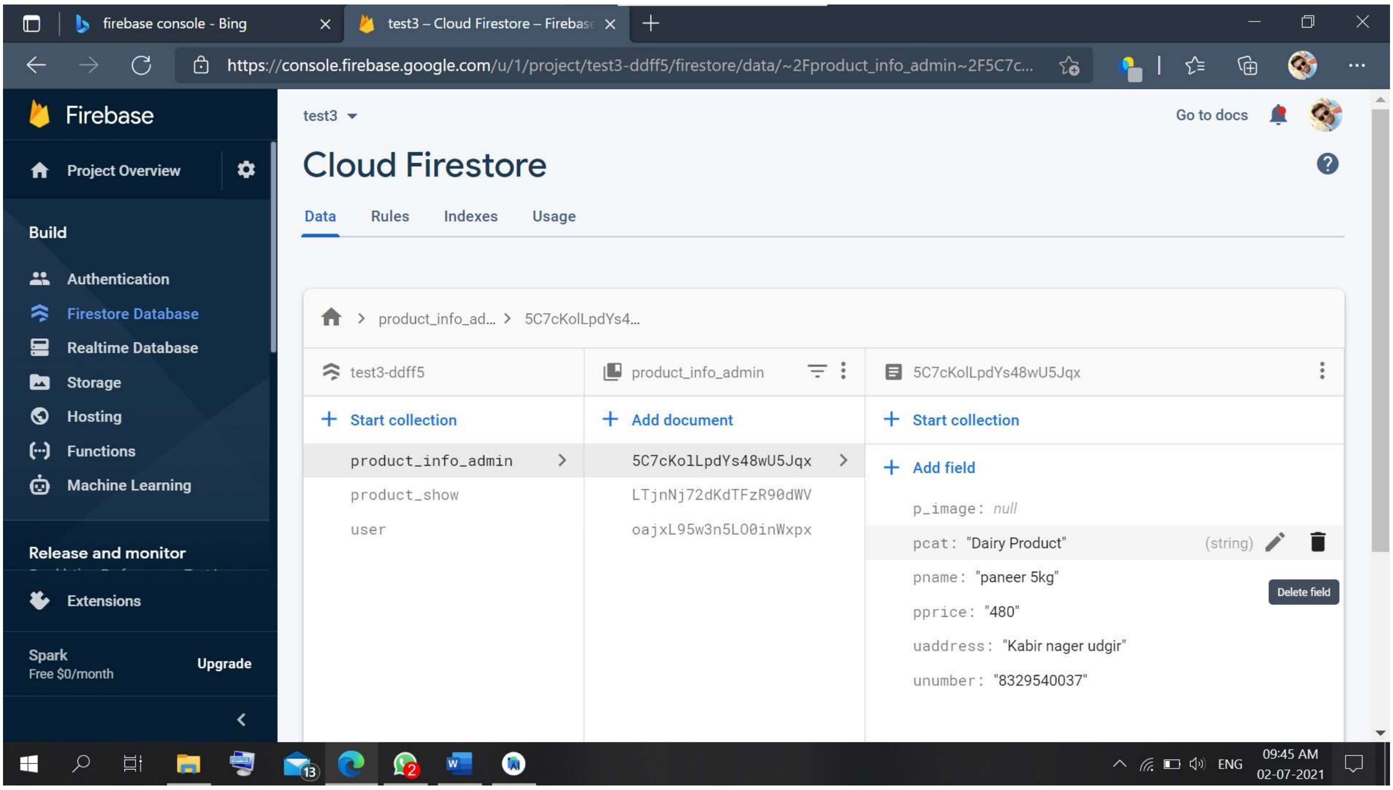
gs://test3-ddff5.appspot.com > user_data

Name	Size	Type	Last modified
R.png	69.46 KB	image/png	2 Jul 2021

R.png

Name
R.png

Size
71,122 bytes



product_info_admin
product_show
user

5C7cKolLpdYs48wU5Jqx
LTjnNj72dKdTFzR90dWV
oajxL95w3n5L08inWxpx

```
p_image: null
pcat: "Dairy Product"
pname: "paneer 5kg"
pprice: "480"
uaddress: "Kabir nager udgir"
unumber: "8329540037"
```

Conclusion And Future Scope

Conclusion

With online ordering on board you will enrichen your customer experience by making the process of ‘placing orders’ a lot easier. It will show that you value your customer’s time.Onlineordering will boost your productivity by eliminating the inefficient process of taking orders.

Future Scope

Vegetables and dairy products ordering app can sale product, preferred producer, essential restaurant supplies and more, through this online, one-stop vegetables and dairy products store. It provides you with a convenient way to sale from your vegetables and dairy products shopping app. You can use this app as one big super market app to sale product of your store. This app make easy for user to buy product from store with easy steps and store can get easy order.

Chapter 7
Reference

7.0 Reference

- www.google.com
- www.youtube.com
- www.github.com
- www.firebase.com
- www.toturialspoint.com
- www.android.com(documentation)
- www.lucid.com