

Higher College of Technology

Department of Information Technology

ITSE301 Mobile Application Development

**PhoneX Application**

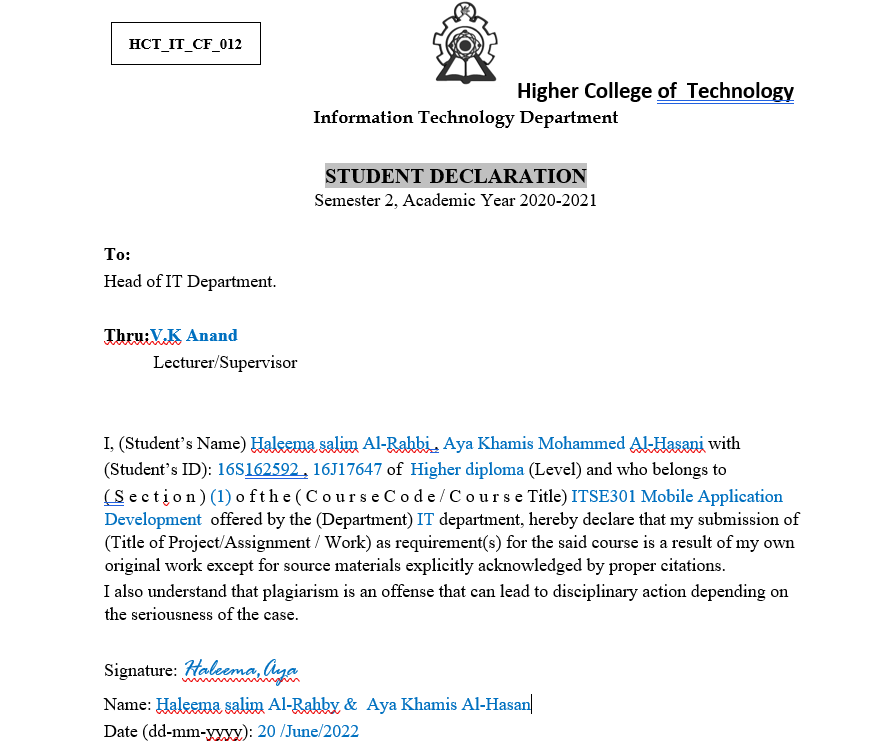
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**2-Project Description:**

The Customer register in the application by providing his/her name, password, confirm password, gender and phone number, if he/she is a new customer. Whereas if he previously registered, he will only login to the app by using his/her username and password. Then, the app will take him to the next page which is Recycler-View to select the work shop which he/she like to fix his /her phone on it and the location of that work shop. After that, the app will go to the next page and it will display the name and the location of the work shop with other choices like (he/she can select the number of phones that need to fix it and the type of that phone also if there are other problems or notes he/she can write it in (other problems) section as a last step he/she must select the date of submission to complete the process. At the end, it will calculate the total bill with his/her information, and at this time he/she can confirm the service or cancel it, if he/she confirm he/she will receive the notification. The administrator can update, delete and search for services.

**3-Functions and Validations implemented:**

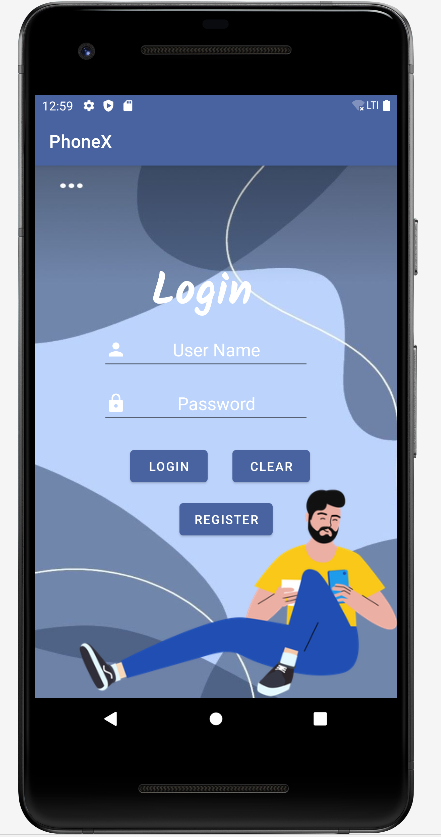
* Functions:
  + Customer can login, clear or start registration.
  + Customer can search and select services.
  + Admin can update, delete and search.
* Validations:
  + User name (Valid) and end with(\_ix).
  + Password should be 5 and Match Confirm Password.
  + Phone Number should be 8 digits.
  + Phone Number should start with 7 or 9.
  + Gender (Male/Female).

**4- Conclusion:**

In conclusion, this application developed to help people who find difficulty in search for best shops with suitable prices to fix their mobiles, get fast services and safe their time by easiest way. So, they can choose their services at any time and the provided places in application. We hope that this application will be satisfied with the customers.

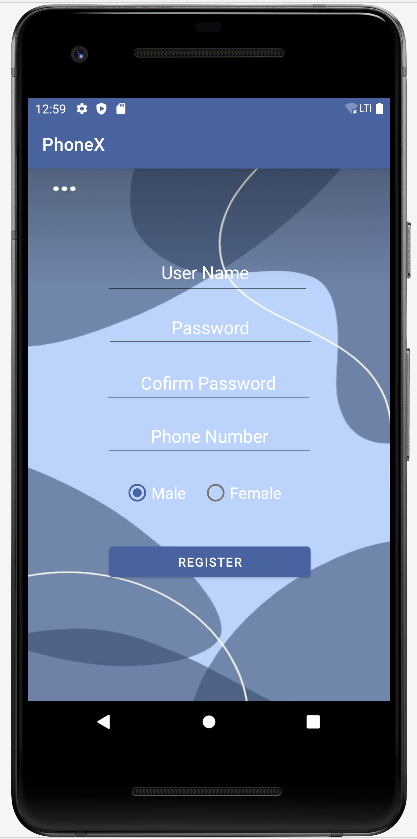
**5-Sample Codes with Screenshot:**

* Login Page:



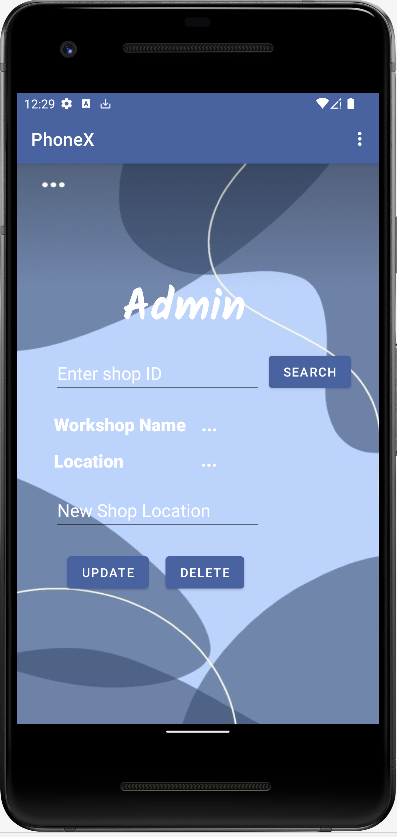
package com.example.registrationactivity;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Toast;  
  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.database.ValueEventListener;  
  
public class LoginActivity extends AppCompatActivity {  
  
 Button btn\_login,btn\_reg,btn\_Clear;  
 EditText name,pass;  
 FirebaseDatabase fb;  
 DatabaseReference mydb;  
 int flag=0;  
  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_login*);  
  
 btn\_login = findViewById(R.id.*button2*);  
 btn\_reg = findViewById(R.id.*button3*);  
 btn\_Clear=findViewById(R.id.*button4*);  
 name = findViewById(R.id.*editTextTextPersonName5*);  
 pass = findViewById(R.id.*editTextTextPersonName6*);  
 fb=FirebaseDatabase.*getInstance*();  
 mydb=fb.getReference("customer");  
  
 btn\_reg.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent i = new Intent(LoginActivity.this, RegistrationActivity.class);  
 startActivity(i);  
  
 }  
 });  
 btn\_Clear.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 name.setText("");  
 pass.setText("");  
  
 }  
 });  
  
 btn\_login.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
  
 if(name.getText().toString().equals(""))  
 name.setError("Enter user name");  
 else if(pass.getText().toString().isEmpty())  
 pass.setError("Enter Password");  
 else if ((name.getText().toString()).equals("Admin") && (pass.getText().toString()).equals("Admin"))  
 {  
 Intent ad =new Intent(LoginActivity.this,AdminActivity.class);  
 startActivity(ad);  
  
 }  
  
 else {  
  
 mydb.addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 flag=0;  
 for(DataSnapshot ds: snapshot.getChildren())  
 {  
 MyUsers u = ds.getValue(MyUsers.class);  
 if(u.userName.equals(name.getText().toString())&&  
 u.Password.equals(pass.getText().toString()))  
 {  
 flag = 1;  
 Toast.*makeText*(LoginActivity.this, "Login Successful", Toast.*LENGTH\_SHORT*).show();  
 Intent i = new Intent(LoginActivity.this,WorkhopsActivity.class);  
 startActivity(i);  
 *//Global = name.getText().toString();* break;  
 }  
 }  
 if(flag==0)  
 {  
 Toast.*makeText*(LoginActivity.this, "Login Field", Toast.*LENGTH\_SHORT*).show();  
 }  
  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
  
 }  
  
 }  
 });  
 }  
}

* Registration Page:



package com.example.registrationactivity;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.RadioButton;  
import android.widget.Toast;  
  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
  
public class RegistrationActivity extends AppCompatActivity {  
 EditText UName,Pass,CPass,Phone;  
 RadioButton male,female;  
 Button btn\_register;  
 String strUname,strPass, strCPass, strGender, strPhone;  
 FirebaseDatabase fb;  
 DatabaseReference mydb;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_registration*);  
  
 UName = findViewById(R.id.*editTextTextPersonName*);  
 Pass = findViewById(R.id.*editTextTextPersonName2*);  
 CPass = findViewById(R.id.*editTextTextPersonName3*);  
 Phone = findViewById(R.id.*editTextTextPersonName4*);  
 male = findViewById(R.id.*radioButton*);  
 female = findViewById(R.id.*radioButton2*);  
 btn\_register = findViewById(R.id.*button*);  
 fb=FirebaseDatabase.*getInstance*();  
 mydb=fb.getReference("customer");  
  
 btn\_register.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 strUname =UName.getText().toString();  
 strPass = Pass.getText().toString();  
 strCPass =CPass.getText().toString();  
 strPhone=Phone.getText().toString();  
  
 if(strUname.isEmpty()){  
 UName.setError("Please enter the user name..");  
 }  
 else if(!strUname.endsWith("\_ix"))  
 Toast.*makeText*(RegistrationActivity.this, "User name must end with \_ix", Toast.*LENGTH\_SHORT*).show();  
 else if(strPass.isEmpty()){  
 Pass.setError("Please enter the password..");  
 }  
  
 else if(strCPass.isEmpty()){  
 CPass.setError("Please enter the confirm password..");  
 }  
 else if(strPass.length()!=5)  
 Toast.*makeText*(RegistrationActivity.this, "Password must 5 digit end with ", Toast.*LENGTH\_SHORT*).show();  
 else if(!strPass.equals(strCPass)){  
 Toast.*makeText*(RegistrationActivity.this, "The password and confirm password must be same..", Toast.*LENGTH\_SHORT*).show();  
 }  
  
 else if(strPhone.isEmpty()){  
 Phone.setError("Enter your phone number..");  
 }  
 else if(strPhone.length()!=8)  
 Phone.setError("Phone Number must have 8 digit");  
 else if(!strPhone.startsWith("9") && !strPhone.startsWith("7"))  
 Toast.*makeText*(RegistrationActivity.this, "Phone Number should start with 9 or 7 ", Toast.*LENGTH\_SHORT*).show();  
 else{  
 if(male.isChecked()){  
 strGender="Male";  
 }  
 else{  
 strGender="Female";  
 }  
 MyUsers u1 = new MyUsers(strUname,strPass,strGender,strPhone);  
 String key = mydb.push().getKey();  
 mydb.child(key).setValue(u1);  
 Toast.*makeText*(RegistrationActivity.this, "Register successfully ... ", Toast.*LENGTH\_SHORT*).show();  
 Intent i = new Intent(RegistrationActivity.this,LoginActivity.class);  
 startActivity(i);  
  
  
  
 }  
  
 }  
 });  
 }  
}

* Admin Page:



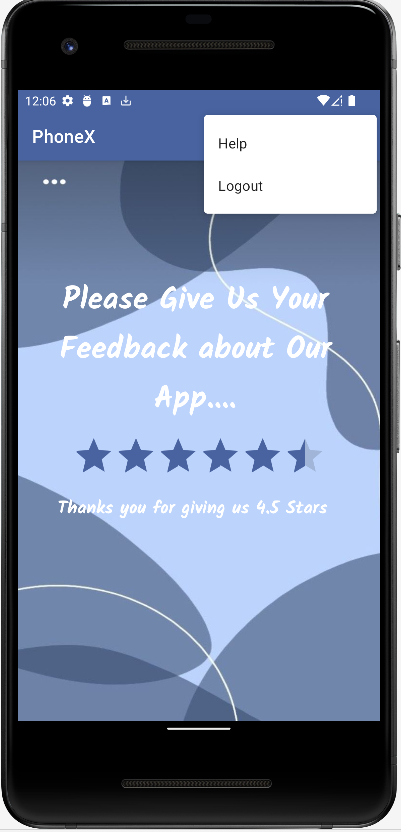
package com.example.registrationactivity;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.app.AlertDialog;  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.Menu;  
import android.view.MenuInflater;  
import android.view.MenuItem;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.database.ValueEventListener;  
  
public class AdminActivity extends AppCompatActivity {  
  
 TextView name,location;  
 EditText id,New\_location;  
 Button btn\_update,btn\_Search,btn\_delete;  
 FirebaseDatabase fb;  
 DatabaseReference mydb;  
  
 int flag;  
 String key,str\_id,str\_location,shopeskey;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_admin*);  
  
 name = findViewById(R.id.*textView6*);  
 location = findViewById(R.id.*textView7*);  
 id = findViewById(R.id.*editTextTextPersonName7*);  
 New\_location = findViewById(R.id.*editTextTextPersonName8*);  
 btn\_delete = findViewById(R.id.*button7*);  
 btn\_Search = findViewById(R.id.*button5*);  
 btn\_update = findViewById(R.id.*button6*);  
  
 str\_location=location.getText().toString();  
  
 fb=FirebaseDatabase.*getInstance*();  
 mydb=fb.getReference("Workshops");  
  
  
 btn\_Search.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
  
 str\_id= id.getText().toString();  
 if (str\_id.equals(""))  
 {  
 id.setError("please enter ID");  
 }  
 else {  
 mydb.addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 for(DataSnapshot ds :snapshot.getChildren())  
 {  
 Myshops s= ds.getValue(Myshops.class);  
 if(s.SID.equals (str\_id))  
 {  
 name.setText(s.SName);  
 location.setText(s.SLocation);  
 flag=1;  
 break;  
 }}  
 if (flag==0) {  
 Toast.*makeText*(AdminActivity.this, "The ID Cannot found -\_-", Toast.*LENGTH\_SHORT*).show();  
 }  
  
 }  
  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
 }  
  
 }  
 });  
 btn\_update.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
  
 str\_id = id.getText().toString();  
 str\_location=New\_location.getText().toString();  
  
 if (id.getText().toString().equals(""))  
 id.setError(" Please Enter the ID");  
 else if(New\_location.getText().toString().isEmpty()){  
 New\_location.setError(" Please Enter New Location");  
 }  
 else {  
  
 mydb.addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
  
 for (DataSnapshot ds1 : snapshot.getChildren())  
 {  
 Myshops s = ds1.getValue(Myshops.class);  
  
 if (str\_id.equals(s.SID)) {  
 if (str\_location.equals("")) {  
 New\_location.setError(" Please Enter New Location");  
  
 *//Toast.makeText(AdminActivity.this, "please Enter values", Toast.LENGTH\_SHORT).show();* }  
 else  
 {  
 key = ds1.getKey();  
 mydb.child(key).child("SLocation").setValue(str\_location);  
 Toast.*makeText*(AdminActivity.this, "Update successfully", Toast.*LENGTH\_SHORT*).show();  
  
 }  
  
 flag = 1;  
 break;  
 }  
  
  
  
 }  
 if (flag!=1){  
 Toast.*makeText*(AdminActivity.this, "The ID cannot found!!", Toast.*LENGTH\_SHORT*).show();  
  
 }  
 }  
  
  
  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
  
  
  
 }  
 }  
 });  
  
 btn\_delete.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 str\_id = id.getText().toString();  
  
 if (str\_id.equals(""))  
 id.setError(" Please Enter the ID");  
  
 else{  
 AlertDialog.Builder adb = new AlertDialog.Builder(AdminActivity.this );  
 adb.setTitle("Confirm ...");  
 adb.setMessage("Are you Sure you want to Delete this WorkShop ?");  
 adb.setPositiveButton("Yes", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 mydb.addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 for (DataSnapshot ds1 : snapshot.getChildren()) {  
 Myshops s = ds1.getValue(Myshops.class);  
 if (str\_id.equals(s.SID)) {  
 key = ds1.getKey();  
 mydb.child(key).removeValue();  
 Toast.*makeText*(AdminActivity.this, "Delete successfully", Toast.*LENGTH\_SHORT*).show();  
 flag=1;  
 break;  
  
 } else if(flag!=1) {  
 Toast.*makeText*(AdminActivity.this, "The ID is not found !!", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
  
  
 }  
 });  
  
 adb.setNegativeButton("Cancel", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialog, int which) {  
 dialog.cancel();  
 }  
 });  
  
 adb.show();  
 }  
 }  
  
 });  
  
  
  
  
 }  
  
 @Override  
 public boolean onCreateOptionsMenu(Menu menu) {  
 MenuInflater m = getMenuInflater();  
 m.inflate(R.menu.*menu1*,menu);  
 return true;  
 }  
 @Override  
 public boolean onOptionsItemSelected(@NonNull MenuItem item) {  
 if(item.getItemId()==R.id.*Logout*)  
 {  
 androidx.appcompat.app.AlertDialog.Builder al = new androidx.appcompat.app.AlertDialog.Builder(AdminActivity.this);  
 al.setMessage("Are you sure ?");  
 al.setPositiveButton("Yes", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 Intent i1 = new Intent(AdminActivity.this,LoginActivity.class);  
 startActivity(i1);  
  
 }  
 });  
 al.setNegativeButton("No", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
  
 dialogInterface.cancel();  
 }  
 });  
 al.show();  
  
 }  
 return true;  
 }  
}

* Request Page:



package com.example.registrationactivity;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.RadioButton;  
import android.widget.Toast;  
  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
  
public class RegistrationActivity extends AppCompatActivity {  
 EditText UName,Pass,CPass,Phone;  
 RadioButton male,female;  
 Button btn\_register;  
 String strUname,strPass, strCPass, strGender, strPhone;  
 FirebaseDatabase fb;  
 DatabaseReference mydb;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_registration*);  
  
 UName = findViewById(R.id.*editTextTextPersonName*);  
 Pass = findViewById(R.id.*editTextTextPersonName2*);  
 CPass = findViewById(R.id.*editTextTextPersonName3*);  
 Phone = findViewById(R.id.*editTextTextPersonName4*);  
 male = findViewById(R.id.*radioButton*);  
 female = findViewById(R.id.*radioButton2*);  
 btn\_register = findViewById(R.id.*button*);  
 fb=FirebaseDatabase.*getInstance*();  
 mydb=fb.getReference("customer");  
  
 btn\_register.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 strUname =UName.getText().toString();  
 strPass = Pass.getText().toString();  
 strCPass =CPass.getText().toString();  
 strPhone=Phone.getText().toString();  
  
 if(strUname.isEmpty()){  
 UName.setError("Please enter the user name..");  
 }  
 else if(!strUname.endsWith("\_ix"))  
 Toast.*makeText*(RegistrationActivity.this, "User name must end with \_ix", Toast.*LENGTH\_SHORT*).show();  
 else if(strPass.isEmpty()){  
 Pass.setError("Please enter the password..");  
 }  
  
 else if(strCPass.isEmpty()){  
 CPass.setError("Please enter the confirm password..");  
 }  
 else if(strPass.length()!=5)  
 Toast.*makeText*(RegistrationActivity.this, "Password must 5 digit end with ", Toast.*LENGTH\_SHORT*).show();  
 else if(!strPass.equals(strCPass)){  
 Toast.*makeText*(RegistrationActivity.this, "The password and confirm password must be same..", Toast.*LENGTH\_SHORT*).show();  
 }  
  
 else if(strPhone.isEmpty()){  
 Phone.setError("Enter your phone number..");  
 }  
 else if(strPhone.length()!=8)  
 Phone.setError("Phone Number must have 8 digit");  
 else if(!strPhone.startsWith("9") && !strPhone.startsWith("7"))  
 Toast.*makeText*(RegistrationActivity.this, "Phone Number should start with 9 or 7 ", Toast.*LENGTH\_SHORT*).show();  
 else{  
 if(male.isChecked()){  
 strGender="Male";  
 }  
 else{  
 strGender="Female";  
 }  
 MyUsers u1 = new MyUsers(strUname,strPass,strGender,strPhone);  
 String key = mydb.push().getKey();  
 mydb.child(key).setValue(u1);  
 Toast.*makeText*(RegistrationActivity.this, "Register successfully ... ", Toast.*LENGTH\_SHORT*).show();  
 Intent i = new Intent(RegistrationActivity.this,LoginActivity.class);  
 startActivity(i);  
  
  
  
 }  
  
 }  
 });  
 }  
}

* Feedback Page:



package com.example.registrationactivity;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AlertDialog;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.Menu;  
import android.view.MenuInflater;  
import android.view.MenuItem;  
import android.widget.RatingBar;  
import android.widget.TextView;  
  
public class FeedBackActivity extends AppCompatActivity {  
 RatingBar Rate;  
 TextView txtresult;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_feed\_back*);  
 Rate=findViewById(R.id.*ratingBar*);  
 txtresult=findViewById(R.id.*textView20*);  
  
  
 txtresult.setText("Thanks you for giving us "+Rate.getRating()+" Stars");  
 Rate.setOnRatingBarChangeListener(new RatingBar.OnRatingBarChangeListener() {  
 @Override  
 public void onRatingChanged(RatingBar ratingBar, float v, boolean b) {  
 txtresult.setText("Thanks you for giving us "+v+" Stars");  
  
 }  
 });  
 }  
  
 @Override  
 public boolean onCreateOptionsMenu(Menu menu) {  
 MenuInflater m = getMenuInflater();  
 m.inflate(R.menu.*menu*,menu);  
 return true;  
 }  
 @Override  
 public boolean onOptionsItemSelected(@NonNull MenuItem item) {  
 if(item.getItemId()==R.id.*logout*)  
 {  
 Intent i = new Intent(FeedBackActivity.this,LoginActivity.class);  
 startActivity(i);  
 }  
 if(item.getItemId()==R.id.*Help*)  
 {  
 AlertDialog.Builder al = new AlertDialog.Builder(FeedBackActivity.this);  
 al.setTitle("Please contact us by this E-mail");  
 al.setMessage("PhoneX@gmail.com");  
 al.setPositiveButton("Yes", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 dialogInterface.cancel();  
 }  
 });  
 al.show();  
  
 }  
 return true;  
 }  
}

* Workshops Page:



package com.example.registrationactivity;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
  
import android.os.Bundle;  
  
import com.firebase.ui.database.FirebaseRecyclerOptions;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.database.Query;  
  
public class WorkhopsActivity extends AppCompatActivity {  
 RecyclerView Rview;  
 workshopAdapter wadopter;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_workhops*);  
  
 Rview=findViewById(R.id.*RecyclerView*);  
 Query query = FirebaseDatabase.*getInstance*().getReference("Workshops");  
 FirebaseRecyclerOptions<Myshops> options=new FirebaseRecyclerOptions.Builder<Myshops>().setQuery(query, Myshops.class).setLifecycleOwner(this).build();  
 wadopter =new workshopAdapter(options);  
 Rview.setAdapter(wadopter);  
  
 LinearLayoutManager lm=new LinearLayoutManager(WorkhopsActivity.this,LinearLayoutManager.*VERTICAL*,false);  
 Rview.setLayoutManager(lm);  
 }  
}

* Workshop Adaptor:
* package com.example.registrationactivity;  
    
  import android.content.Intent;  
  import android.net.Uri;  
  import android.view.LayoutInflater;  
  import android.view.View;  
  import android.view.ViewGroup;  
  import android.widget.ImageView;  
  import android.widget.TextView;  
    
  import androidx.annotation.NonNull;  
  import androidx.recyclerview.widget.RecyclerView;  
    
  import com.firebase.ui.database.FirebaseRecyclerAdapter;  
  import com.firebase.ui.database.FirebaseRecyclerOptions;  
  import com.squareup.picasso.Picasso;  
    
    
  public class workshopAdapter extends FirebaseRecyclerAdapter<Myshops,workshopAdapter.WorkViewHolder> {  
    
   */\*\*  
   \* Initialize a {@link RecyclerView.Adapter} that listens to a Firebase query. See  
   \* {@link FirebaseRecyclerOptions} for configuration options.  
   \*  
   \* @param options  
   \*/* public workshopAdapter(@NonNull FirebaseRecyclerOptions<Myshops> options) {  
   super(options);  
   }  
    
   @Override  
   protected void onBindViewHolder(@NonNull WorkViewHolder holder, int position, @NonNull Myshops model) {  
   holder.txtsid.setText(model.SID);  
   holder.txtsname.setText(model.SName);  
   holder.txtslocation.setText(model.SLocation);  
   holder.imgPath = model.getImage();  
   Picasso.*get*().load(model.getImage()).into(holder.imgshop);  
   Picasso.*get*().load(model.img).into(holder.imgshop);  
    
    
   }  
    
   @NonNull  
   @Override  
   public WorkViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
   View view= LayoutInflater.*from*(parent.getContext()).inflate(R.layout.*workshops*,parent,false);  
   return new WorkViewHolder(view) ;  
   }  
    
   class WorkViewHolder extends RecyclerView.ViewHolder  
   {  
   TextView txtsid,txtsname,txtslocation;  
   ImageView imgshop;  
   Uri imgPath;  
    
   public WorkViewHolder(@NonNull View itemView) { super(itemView);  
   txtsid=itemView.findViewById(R.id.*TextView17*);  
   txtsname=itemView.findViewById(R.id.*textView18*);  
   txtslocation=itemView.findViewById(R.id.*textView19*);  
    
   imgshop=itemView.findViewById(R.id.*imageView*);  
    
   imgshop.setOnClickListener(new View.OnClickListener() {  
   @Override  
   public void onClick(View view) {  
   Intent i= new Intent(itemView.getContext(),RequestActivity.class);  
   i.putExtra("shop\_name",txtsname.getText().toString());  
   i.putExtra("shop\_location",txtslocation.getText().toString());  
   i.putExtra("SImg",imgPath);  
   itemView.getContext().startActivity(i);  
   }  
   });  
   }  
   }  
  }