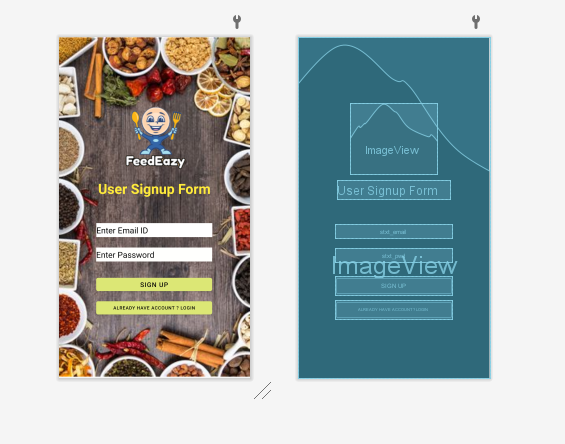
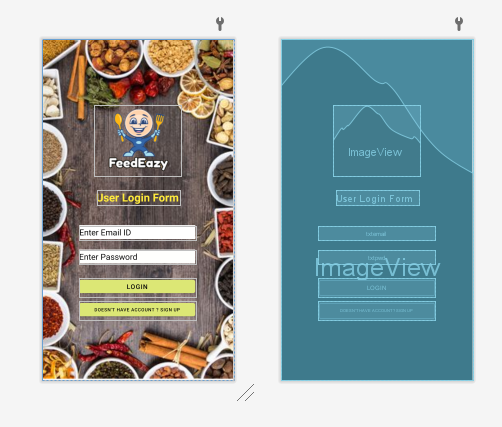
User Sign up coding



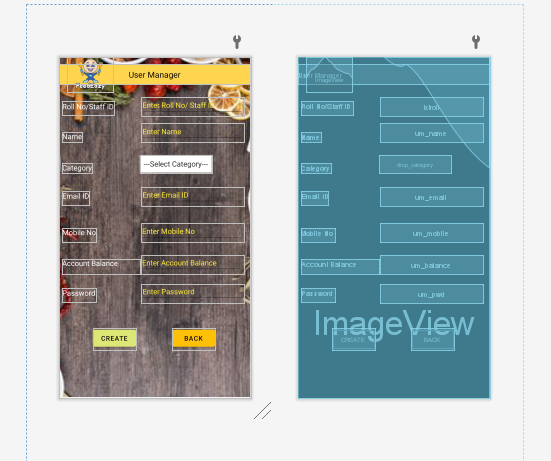
**package** com.example.feedeazy;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.app.ProgressDialog;  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.text.TextUtils;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**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;  
  
**public class** usersignup **extends** AppCompatActivity {  
  
 **private** EditText **stxt\_email**,**stxt\_pwd**;  
 **private** Button **sbtn\_login**,**sbtn\_signup**;  
 **private** FirebaseAuth **firebaseAuth**;  
 **private** ProgressDialog **progressDialog**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***usersignup***);  
  
 **stxt\_email** = findViewById(R.id.***stxt\_email***);  
 **stxt\_pwd** = findViewById(R.id.***stxt\_pwd***);  
 **sbtn\_login** = findViewById(R.id.***sbtn\_login***);  
 **sbtn\_signup** = findViewById(R.id.***sbtn\_signup***);  
 **firebaseAuth** = FirebaseAuth.*getInstance*();  
 **progressDialog** = **new** ProgressDialog(**this**);  
  
 **sbtn\_login**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(usersignup.**this**,frmuserlogin.**class**);  
 startActivity(intent);  
 finish();  
 }  
 });  
  
 **sbtn\_signup**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String semail = **stxt\_email**.getText().toString();  
 String spwd = **stxt\_pwd**.getText().toString();  
  
 **if** (!TextUtils.*isEmpty*(semail) && !TextUtils.*isEmpty*(spwd))  
 {  
 **progressDialog**.setMessage(**"Registering Please Wait...."**);  
 **progressDialog**.show();  
  
 **firebaseAuth**.createUserWithEmailAndPassword(semail,spwd)  
 .addOnCompleteListener(usersignup.**this**, **new** OnCompleteListener<AuthResult>() {  
 @Override  
 **public void** onComplete(@NonNull Task<AuthResult> task) {  
 **if** (task.isSuccessful())  
 {  
 Toast.*makeText*(usersignup.**this**,**"Successfully Created"**,Toast.***LENGTH\_SHORT***).show();  
  
 **firebaseAuth**.getCurrentUser().sendEmailVerification()  
 .addOnCompleteListener(**new** OnCompleteListener<Void>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Void> task) {  
  
 **if** (task.isSuccessful())  
 {  
 Toast.*makeText*(usersignup.**this**,**"Successfully Account Created and Link sent to your Email Id."** +  
 **"Please Verify your Login"**,Toast.***LENGTH\_SHORT***).show();  
  
 Intent intent = **new** Intent(usersignup.**this**,frmuserlogin.**class**);  
 startActivity(intent);  
 finish();  
 }  
  
 **else** {  
 Toast.*makeText*(usersignup.**this**,**"Error in Sending Link, Try again"**,Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 });  
 **firebaseAuth**.signOut();  
 }  
 **else** {  
 Toast.*makeText*(usersignup.**this**,task.getException().getMessage(),Toast.***LENGTH\_SHORT***).show();  
 }  
  
 **progressDialog**.dismiss();  
  
 }  
 });  
 }  
  
 **else** {  
 Toast.*makeText*(usersignup.**this**,**"Email or Password cannot be Empty"**,Toast.***LENGTH\_LONG***).show();  
 }  
 }  
 });  
 }  
}

User Login Form



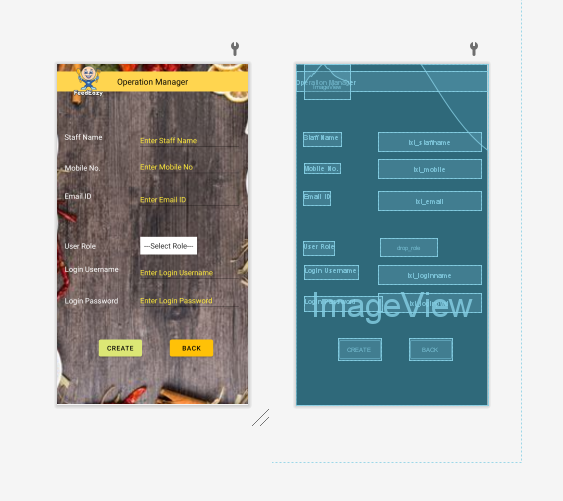
**package** com.example.feedeazy;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** android.app.ProgressDialog;  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.text.TextUtils;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Spinner;  
**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;  
  
**public class** frmuserlogin **extends** AppCompatActivity {  
 **private** FirebaseAuth **firebaseAuth**;  
 **private** Button **btnlogin**,**btnsignup**;  
 **private** EditText **txtemail**,**txtpwd**;  
 **private** ProgressDialog **progressDialog**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***frmuserlogin***);  
 **firebaseAuth** = FirebaseAuth.*getInstance*();  
 **btnsignup** = findViewById(R.id.***btnsignup***);  
 **btnlogin** = findViewById(R.id.***btnlogin***);  
 **txtemail** = findViewById(R.id.***txtemail***);  
 **txtpwd** = findViewById(R.id.***txtpwd***);  
 **progressDialog** = **new** ProgressDialog(**this**);  
  
 **if**(**firebaseAuth**.getCurrentUser() != **null** && **firebaseAuth**.getCurrentUser().isEmailVerified())  
 {  
 Intent intent = **new** Intent(frmuserlogin.**this**,MainActivity.**class**);  
 startActivity(intent);  
 finish();  
 }  
  
 **btnsignup**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(frmuserlogin.**this**,usersignup.**class**);  
 startActivity(intent);  
 finish();  
 }  
 });  
  
 **btnlogin**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String semail = **txtemail**.getText().toString();  
 String spwd = **txtpwd** .getText().toString();  
  
 **if** (!TextUtils.*isEmpty*(semail) && !TextUtils.*isEmpty*(spwd))  
 {  
 **progressDialog**.setMessage(**"Account Checking...."**);  
 **progressDialog**.show();  
 **firebaseAuth**.signInWithEmailAndPassword(semail,spwd)  
 .addOnCompleteListener(**new** OnCompleteListener<AuthResult>() {  
 @Override  
 **public void** onComplete(@NonNull Task<AuthResult> task) {  
  
 **if** (task.isSuccessful())  
 {  
 **if** (**firebaseAuth**.getCurrentUser().isEmailVerified())  
 {  
 **progressDialog**.dismiss();  
 Intent intent = **new** Intent(frmuserlogin.**this**,MainActivity.**class**);  
 startActivity(intent);  
 finish();  
 }  
  
 **else** {  
 Toast.*makeText*(frmuserlogin.**this**,**"Please verify your Email and Continue..."**,Toast.***LENGTH\_SHORT***).show();  
 **progressDialog**.dismiss();  
 **firebaseAuth**.signOut();  
 }  
 }  
  
 **else** {  
 Toast.*makeText*(frmuserlogin.**this**,task.getException().getMessage(),Toast.***LENGTH\_SHORT***).show();  
 **progressDialog**.dismiss();  
 }  
 }  
 });  
 }  
 }  
 });  
  
  
  
 }  
}

User Manager Form



**package** com.example.feedeazy;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.app.ProgressDialog;  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.text.TextUtils;  
**import** android.view.View;  
**import** android.widget.ArrayAdapter;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Spinner;  
**import** android.widget.Toast;  
**import** com.google.android.gms.tasks.OnCompleteListener;  
**import** com.google.android.gms.tasks.Task;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** java.util.HashMap;  
**import** java.util.Map;  
  
**public class** frmusermanager **extends** AppCompatActivity {  
 **private** EditText **txtroll**,**um\_name**,**um\_email**,**um\_mobile**,**um\_balance**,**um\_pwd**;  
 **private** Button **btncreate**,**btnback**;  
 **private** Spinner **drop\_category**;  
 **private** FirebaseDatabase **database**;  
 **private** DatabaseReference **reference**;  
 **private** String[] **listitems**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***frmusermanager***);  
 **try** {  
 **txtroll** = findViewById(R.id.***txtroll***);  
 **um\_name** = findViewById(R.id.***um\_name***);  
 **um\_email** = findViewById(R.id.***um\_email***);  
 **um\_mobile** = findViewById(R.id.***um\_mobile***);  
 **um\_balance** = findViewById(R.id.***um\_balance***);  
 **um\_pwd** = findViewById(R.id.***um\_pwd***);  
 **drop\_category** = findViewById(R.id.***drop\_category***);  
  
 **btncreate** = findViewById(R.id.***btncreate***);  
 **btnback** = findViewById(R.id.***btnback***);  
 **database** = FirebaseDatabase.*getInstance*();  
 **reference** = **database**.getReference(**"usermanager"**);  
  
*// listitems = getResources().getStringArray(R.array.usercategory);  
// ArrayAdapter adapter = new ArrayAdapter(frmusermanager.this, android.R.layout.simple\_spinner\_dropdown\_item, listitems);  
// adapter.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item);  
// drop\_category.setAdapter(adapter);* **btnback**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(frmusermanager.**this**, frmadminmenu.**class**);  
 startActivity(intent);  
 finish();  
 }  
 });  
  
 **btncreate**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **try** {  
 String id = **reference**.push().getKey();  
 String rollno = **txtroll**.getText().toString();  
 String userm\_name = **um\_name**.getText().toString();  
 String userm\_category = **drop\_category**.getSelectedItem().toString();  
 String userm\_email = **um\_email**.getText().toString();  
 String userm\_mobile = **um\_mobile**.getText().toString();  
 String userm\_balance = **um\_balance**.getText().toString();  
 String userm\_pwd = **um\_pwd**.getText().toString();  
  
 **if** (!TextUtils.*isEmpty*(rollno) && !TextUtils.*isEmpty*(userm\_name) && !TextUtils.*isEmpty*(userm\_category) && !TextUtils.*isEmpty*(userm\_email) && !TextUtils.*isEmpty*(userm\_mobile) && !TextUtils.*isEmpty*(userm\_balance) && !TextUtils.*isEmpty*(userm\_pwd))  
 {  
 ProgressDialog progressDialog = **new** ProgressDialog(frmusermanager.**this**);  
 progressDialog.setTitle(**"UserCreation in Progress"**);  
 progressDialog.show();  
  
 Map<String, String> map = **new** HashMap<>();  
 map.put(**"userid"**, id);  
 map.put(**"rollno"**, rollno);  
 map.put(**"username"**, userm\_name);  
 map.put(**"category"**, userm\_category);  
 map.put(**"email"**, userm\_email);  
 map.put(**"mobile"**, userm\_mobile);  
 map.put(**"accountbalance"**, userm\_balance);  
 map.put(**"password"**, userm\_pwd);  
  
 *// Toast.makeText(frmusermanager.this, id, Toast.LENGTH\_LONG).show();* **reference**.child(id).setValue(map)  
 .addOnCompleteListener(**new** OnCompleteListener<Void>()  
 {  
 @Override  
 **public void** onComplete(@NonNull Task<Void> task)  
 {  
 **if** (task.isSuccessful())  
 {  
 progressDialog.dismiss();  
 Toast.*makeText*(frmusermanager.**this**, **"Success ! New User Details Added to Server"**, Toast.***LENGTH\_LONG***).show();  
 **txtroll**.setText(**""**);  
 **um\_name**.setText(**""**);  
 **um\_email**.setText(**""**);  
 **um\_mobile**.setText(**""**);  
 **um\_balance**.setText(**""**);  
 **um\_pwd**.setText(**""**);  
 **txtroll**.setFocusableInTouchMode(**true**);  
 **txtroll**.setFocusable(**true**);  
 }  
 **else** {  
 Toast.*makeText*(frmusermanager.**this**, **"Unable to add data"**, Toast.***LENGTH\_LONG***).show();  
 }  
 }  
 });  
  
 }  
  
 **else** {  
 Toast.*makeText*(frmusermanager.**this**, **"Enter Valid Details - Some Fields Empty"**, Toast.***LENGTH\_LONG***).show();  
 }  
 }  
 **catch** (Exception ex) {  
 Toast.*makeText*(frmusermanager.**this**, ex.getMessage(), Toast.***LENGTH\_LONG***).show();  
 }  
 }  
 });  
 } **catch** (Exception ex) {  
 Toast.*makeText*(frmusermanager.**this**, ex.getMessage(), Toast.***LENGTH\_LONG***).show();  
 }  
  
 }  
}

Operation Manager



**package** com.example.feedeazy;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.app.ProgressDialog;  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.text.TextUtils;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Spinner;  
**import** android.widget.Toast;  
  
**import** com.google.android.gms.tasks.OnCompleteListener;  
**import** com.google.android.gms.tasks.Task;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
  
**import** java.util.HashMap;  
**import** java.util.Map;  
  
**public class** frmoperationmanager **extends** AppCompatActivity {  
  
 **private** EditText **txt\_staffname**,**txt\_mobile**,**txt\_email**,**txt\_loginname**,**txt\_loginpwd**;  
 **private** Button **btncreate**,**btnback**;  
 **private** Spinner **drop\_role**;  
 **private** FirebaseDatabase **database**;  
 **private** DatabaseReference **reference**;  
 **private** String[] **listitems**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***frmoperationmanager***);  
 **try** {  
 **txt\_staffname** = findViewById(R.id.***txt\_staffname***);  
 **txt\_mobile** = findViewById(R.id.***txt\_mobile***);  
 **txt\_email** = findViewById(R.id.***txt\_email***);  
 **txt\_loginname** = findViewById(R.id.***txt\_loginname***);  
 **txt\_loginpwd** = findViewById(R.id.***txt\_loginpwd***);  
 **drop\_role** = findViewById(R.id.***drop\_role***);  
  
 **btncreate** = findViewById(R.id.***btncreate***);  
 **btnback** = findViewById(R.id.***btnback***);  
 **database** = FirebaseDatabase.*getInstance*();  
 **reference** = **database**.getReference(**"operationmanager"**);  
  
  
 **btnback**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(frmoperationmanager.**this**, frmadminmenu.**class**);  
 startActivity(intent);  
 finish();  
 }  
 });  
  
  
 **btncreate**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **try** {  
 String id = **reference**.push().getKey();  
 String staffname = **txt\_staffname**.getText().toString();  
 String mobileno = **txt\_mobile**.getText().toString();  
 String staffemail = **txt\_email**.getText().toString();  
 String staffrole = **drop\_role**.getSelectedItem().toString();  
 String staffloginname = **txt\_loginname**.getText().toString();  
 String staffpwd = **txt\_loginpwd**.getText().toString();  
  
 **if** (!TextUtils.*isEmpty*(staffname) && !TextUtils.*isEmpty*(mobileno) && !TextUtils.*isEmpty*(staffemail) && !TextUtils.*isEmpty*(staffrole) && !TextUtils.*isEmpty*(staffloginname) && !TextUtils.*isEmpty*(staffpwd)) {  
 ProgressDialog progressDialog = **new** ProgressDialog(frmoperationmanager.**this**);  
 progressDialog.setTitle(**"Operation Manager Creation in Progress"**);  
 progressDialog.show();  
  
 Map<String, String> map = **new** HashMap<>();  
 map.put(**"staffid"**, id);  
 map.put(**"staffname"**, staffname);  
 map.put(**"mobileno"**, mobileno);  
 map.put(**"staffemail"**, staffemail);  
 map.put(**"staffrole"**, staffrole);  
 map.put(**"staffloginname"**, staffloginname);  
 map.put(**"staffpwd"**, staffpwd);  
 **reference**.child(id).setValue(map)  
 .addOnCompleteListener(**new** OnCompleteListener<Void>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Void> task) {  
 **if** (task.isSuccessful()) {  
 progressDialog.dismiss();  
 Toast.*makeText*(frmoperationmanager.**this**, **"Success ! New Operation Manager Details Added to Server"**, Toast.***LENGTH\_LONG***).show();  
 **txt\_staffname**.setText(**""**);  
 **txt\_mobile**.setText(**""**);  
 **txt\_email**.setText(**""**);  
 **txt\_loginname**.setText(**""**);  
 **txt\_loginpwd**.setText(**""**);  
 **txt\_staffname**.requestFocus();  
 } **else** {  
 Toast.*makeText*(frmoperationmanager.**this**, **"Unable to add data"**, Toast.***LENGTH\_LONG***).show();  
 }  
 }  
 });  
  
 } **else** {  
 Toast.*makeText*(frmoperationmanager.**this**, **"Enter Valid Details - Some Fields Empty"**, Toast.***LENGTH\_LONG***).show();  
 }  
 } **catch** (Exception ex) {  
 Toast.*makeText*(frmoperationmanager.**this**, ex.getMessage(), Toast.***LENGTH\_LONG***).show();  
 }  
 }  
 });  
 } **catch** (Exception ex) {  
 Toast.*makeText*(frmoperationmanager.**this**, ex.getMessage(), Toast.***LENGTH\_LONG***).show();  
 }  
 }  
}