

## 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) {

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```

        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
            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).s
    how();
}

    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;
```



```

        {
            if
                (firebaseAuth.getCurrentUser().isEmailVerified())
                {
                    progressDialog.dismiss();
                    Intent intent = new
Intent(frmuserlogin.this,MainActivity.class);
                    startActivity(intent);
                    finish();
                }

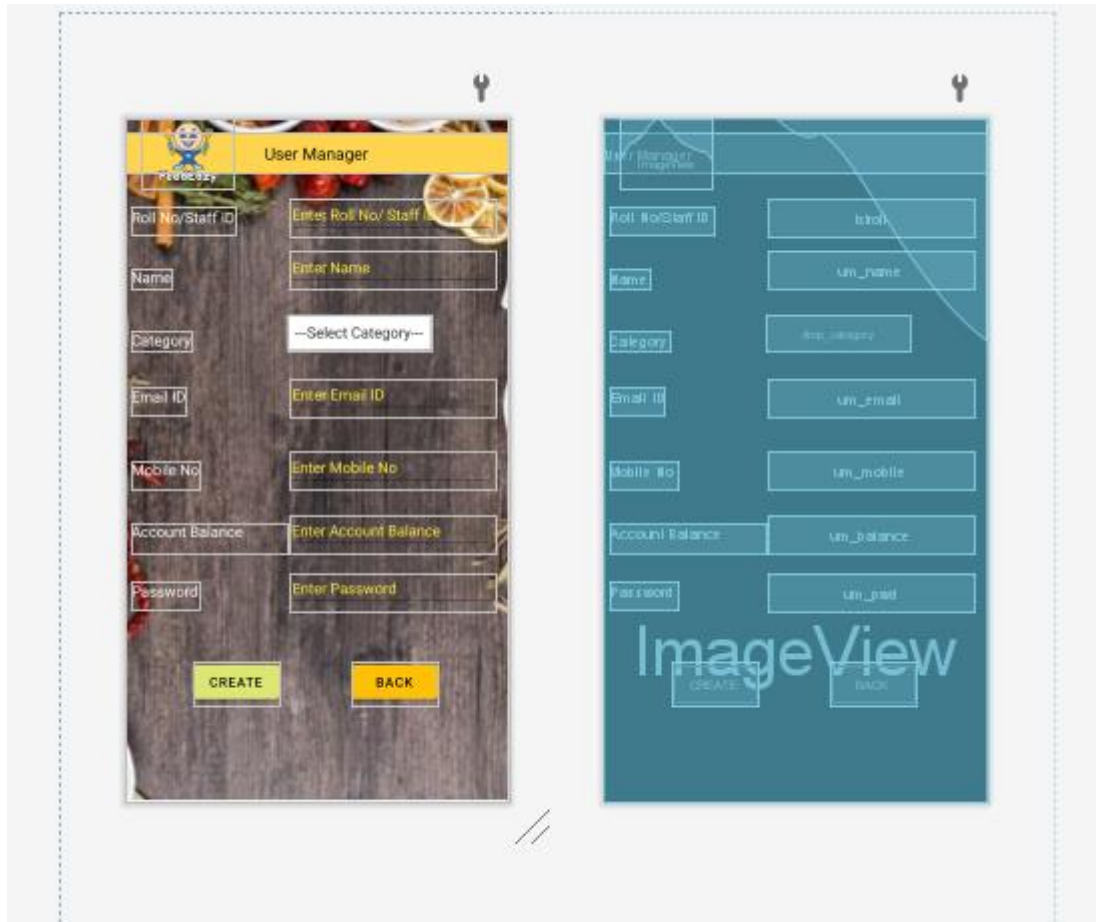
            else
            {
                Toast.makeText(frmuserlogin.this,"Please
verify your Email and Continue...",Toast.LENGTH_SHORT).show();
                progressDialog.dismiss();
                firebaseAuth.signOut();
            }
        }

        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.AdapterView;
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 =

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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 {

```

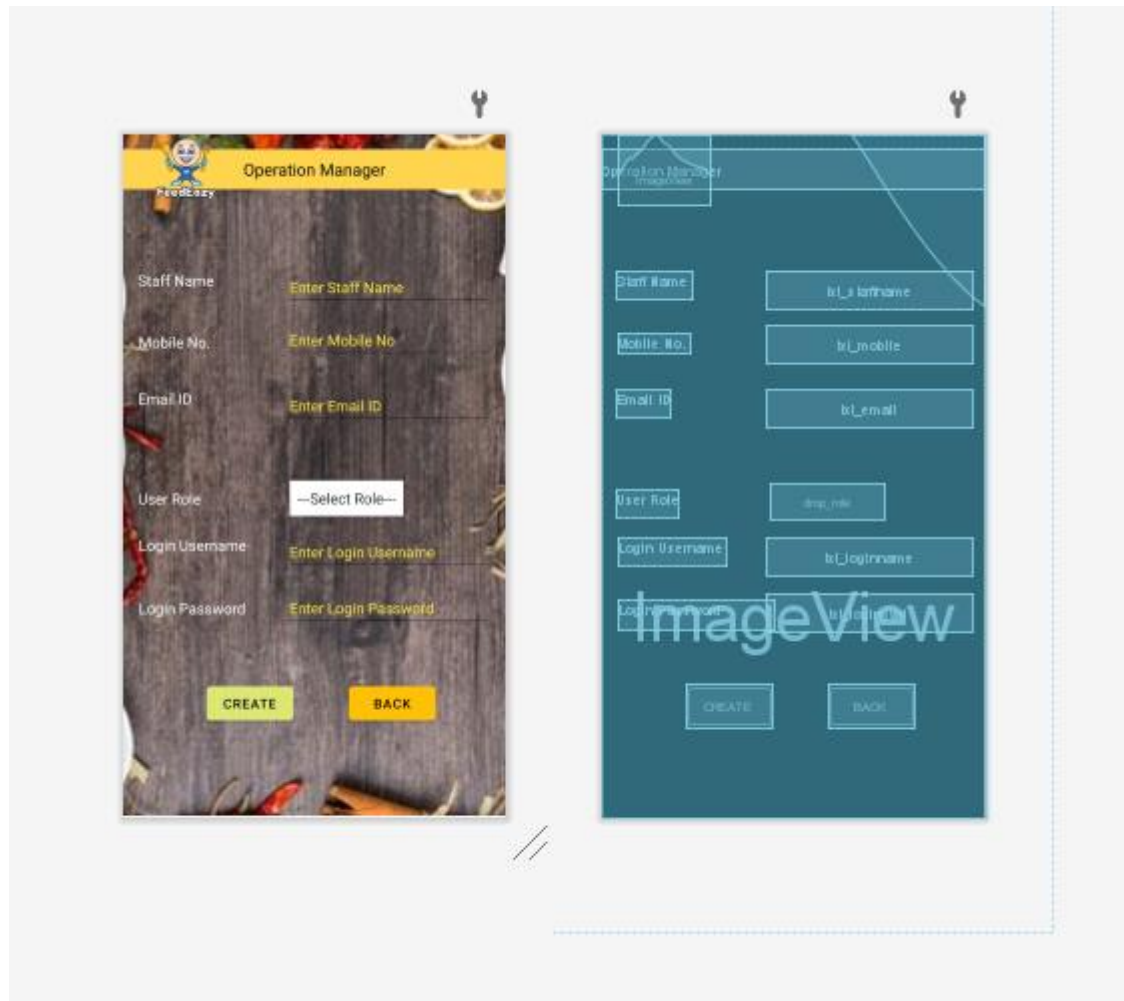
```

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 mobileneno = 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();  
    }  
}
```