

Code:

```
package com.example.form;
```

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

```
import android.os.Bundle; import  
android.view.View; import  
android.widget.AutoCompleteTextView;  
import android.widget.Button;
```

```
import  
com.google.android.gms.tasks.OnFailureListener;  
import  
com.google.android.gms.tasks.OnSuccessListener;  
import com.google.android.material.textfield.Text  
InputText;
```

```
import com.google.firebase.auth.FirebaseAuth;  
import  
com.google.firebase.database.DatabaseReference;  
import  
com.google.firebase.database.FirebaseDatabase;
```

```
import java.util.HashMap;
```

```
public class MainActivity extends AppCompatActivity {
```

```
    TextInputEditText name,roll_no,age;  
    AutoCompleteTextView gender,cl,subject;  
    Button submit;  
    FirebaseAuth auth;
```

```
    @Override
```

```

        protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);

        name =
findViewById(R.id.Name);
roll_no =
findViewById(R.id.Aadhar_number);
age = findViewById(R.id.age);
gender = findViewById(R.id.Gender);
cl = findViewById(R.id.Qualification);
subject = findViewById(R.id.Skills);
submit = findViewById(R.id.submit);

        submit.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View
view) { uploadData();
            }
        });
    }

    private void uploadData() {

        final String timestamp =
String.valueOf(System.currentTimeMillis());

        String userName = name.getText().toString();
        String userRoll = roll_no.getText().toString();
        String userAge = age.getText().toString();
        String userGender = gender.getText().toString();
        String userClass = cl.getText().toString();
        String userSubject = subject.getText().toString();

```

```

        HashMap<String , Object> hashMap = new HashMap<>();

hashMap.put("name",userName);
hashMap.put("roll_number",userRoll);
hashMap.put("age",userAge);
hashMap.put("gender",userGender);
hashMap.put("class",userClass);
hashMap.put("subject",userSubject);

        // Putting data in firebase

        DatabaseReference ref =
FirebaseDatabase.getInstance().getReference("Users");
ref.child(timestamp).setValue(hashMap)

                .addOnSuccessListener(new OnSuccessListener<Void>() {

                    @Override

                    public void
onSuccess(Void unused) {
name.setText("");
roll_no.setText("");
age.setText("");

                                // Starting Main Activity

                    }

                }).addOnFailureListener(new OnFailureListener() {

                    @Override

                    public void onFailure(Exception e) {

                    }

                });


    });

}

}

```

Output:



The screenshot displays the Firebase Realtime Database interface. On the left is a dark sidebar with the 'Firebase' logo and navigation options: 'Project Overview', 'Realtime Database' (selected), and 'All products'. The main panel shows the 'forms' project selected, with the 'Realtime Database' title and tabs for 'Data', 'Rules', 'Backups', and 'Usage'. The 'Data' tab is active, showing the URL 'https://forms-b0227-default-rtdb.firebaseio.com/'. Below this, a tree view shows a 'Users' node expanded, revealing two child nodes. The first node, with key '1671397423944', contains a JSON object with fields: 'age' (20), 'class' ('c31'), 'gender' ('female'), 'roll' (2003145), and 'subject' ('mc'). The second node, with key '1675659544878', is partially visible.

```
https://forms-b0227-default-rtdb.firebaseio.com/
└── Users
    ├── 1671397423944
    │   ├── age: 20
    │   ├── class: "c31"
    │   ├── gender: "female"
    │   ├── roll: 2003145
    │   └── subject: "mc"
    └── 1675659544878
```