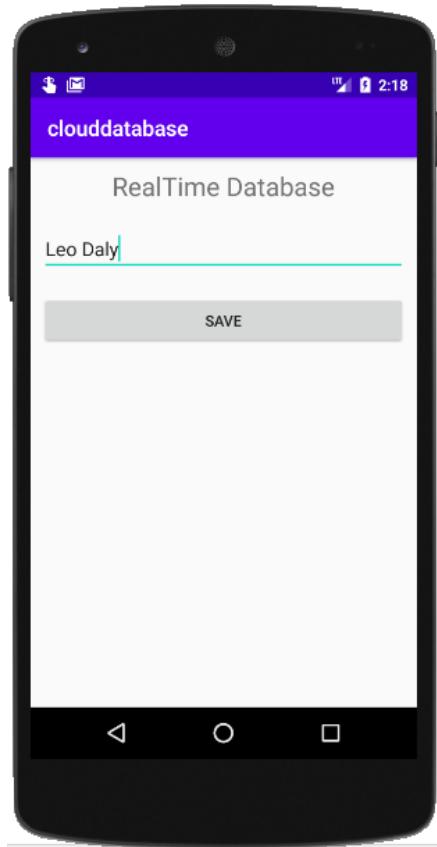


Storing Data from your app to Firebase RealTime Database in the cloud



A screenshot of the Firebase Realtime Database console. The left sidebar shows project settings like Authentication, Cloud Firestore, and Realtime Database. The main area is titled 'Realtime Database' and shows a single node named 'clouddb-dfa02-default-rtdb' with a child node 'message' containing the value 'Leo Daly'. The URL https://clouddb-dfa02-default-rtdb.firebaseio.com/clouddb-dfa02-default-rtdb/.json is shown above the tree view. The bottom status bar indicates the location is Belgium (europe-west1) [beta].

```
package com.raymundoconnor.clouddatabase;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
```

```
import android.widget.Button;
import android.widget.EditText;

import com.google.firebase.database.DatabaseReference;
import com.google.firebase.database.FirebaseDatabase;

public class MainActivity extends AppCompatActivity {

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

        Button btnSave = (Button) findViewById(R.id.buttonSave);
        btnSave.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                // Write a message to the database

                FirebaseDatabase database = FirebaseDatabase.getInstance();
                DatabaseReference myRef = database.getReference("message");

                EditText etName = (EditText) findViewById(R.id.editTextName);
                String name = etName.getText().toString();

                myRef.setValue(name);
            }
        });
    }
}
```