

Prueba I Desarrollo de apps moviles

Se utilizo servicios

firestore.service.ts

```
// src/app/services/firestore.service.ts
import { Injectable } from '@angular/core';
import { Firestore, collection, addDoc } from '@angular/fire/firestore';
import { CollectionReference, DocumentData } from 'firebase/firestore';

@Injectable({
  providedIn: 'root',
})
export class FirestoreService {
  private usuariosCollection: CollectionReference<DocumentData>;

  constructor(private firestore: Firestore) {
    this.usuariosCollection = collection(this.firestore, 'usuarios');
  }

  // Método para guardar usuario
  async guardarUsuario(data: any) {
    try {
      const docRef = await addDoc(this.usuariosCollection, data);
      console.log('Documento guardado con ID:', docRef.id);
    } catch (error) {
      console.error('Error al guardar documento:', error);
    }
  }
}
```

Main.ts

```
mularioPrueba > src > main.ts > providers
1 import { bootstrapApplication } from '@angular/platform-browser';
2 import { RouteReuseStrategy, provideRouter } from '@angular/router';
3 import { IonicRouteStrategy, provideIonicAngular } from '@ionic/angular/standalone';
4 import { routes } from './app/app.routes';
5 import { AppComponent } from './app/app.component';
6 import { IonicModule } from '@ionic/angular';
7 import { FormsModule } from '@angular/forms';
8
9 import { provideFirebaseApp, initializeApp } from '@angular/fire/app';
10 import { provideFirestore, getFirestore } from '@angular/fire/firestore';
11 import { environment } from './environments/environment';
12 import { enableProdMode, importProvidersFrom } from '@angular/core';
13
14 if (environment.production) {
15   enableProdMode();
16 }
17
18 bootstrapApplication(AppComponent, {
19   providers: [
20     importProvidersFrom(
21       IonicModule.forRoot(),
22       FormsModule
23     ),
24     provideRouter(routes),
25     provideFirebaseApp(() => initializeApp(environment.firebaseConfig)),
26     provideFirestore(() => getFirestore())
27   ],
28 });
```

Home.page.ts

```

import { Component } from '@angular/core';
import { CommonModule } from '@angular/common';
import { IonicModule } from '@ionic/angular';
import { FormBuilder, FormGroup, ReactiveFormsModule } from '@angular/forms';
import { FirestoreService } from '../services/firestore.service';

@Component({
  selector: 'app-home',
  standalone: true,
  imports: [CommonModule, IonicModule, ReactiveFormsModule],
  templateUrl: './home.page.html',
  styleUrls: ['./home.page.scss'],
})
export class HomePage {
  form: FormGroup;
  hobbies = ['Futbol', 'Basquet', 'Ajedrez', 'Pintar'];

  constructor(private fb: FormBuilder, private fs: FirestoreService) {
    this.form = this.fb.group({
      nombre: [''],
      apellido: [''],
      correo: [''],
      telefono: [''],
      direccion: [''],
      fechaNacimiento: [''],
      genero: [''],
      pais: [''],
      comentarios: [''],
      hobbies: [[]],
    });
  }

  enviar() {
    this.fs.guardarUsuario(this.form.value);
    this.form.reset();
  }
}

```

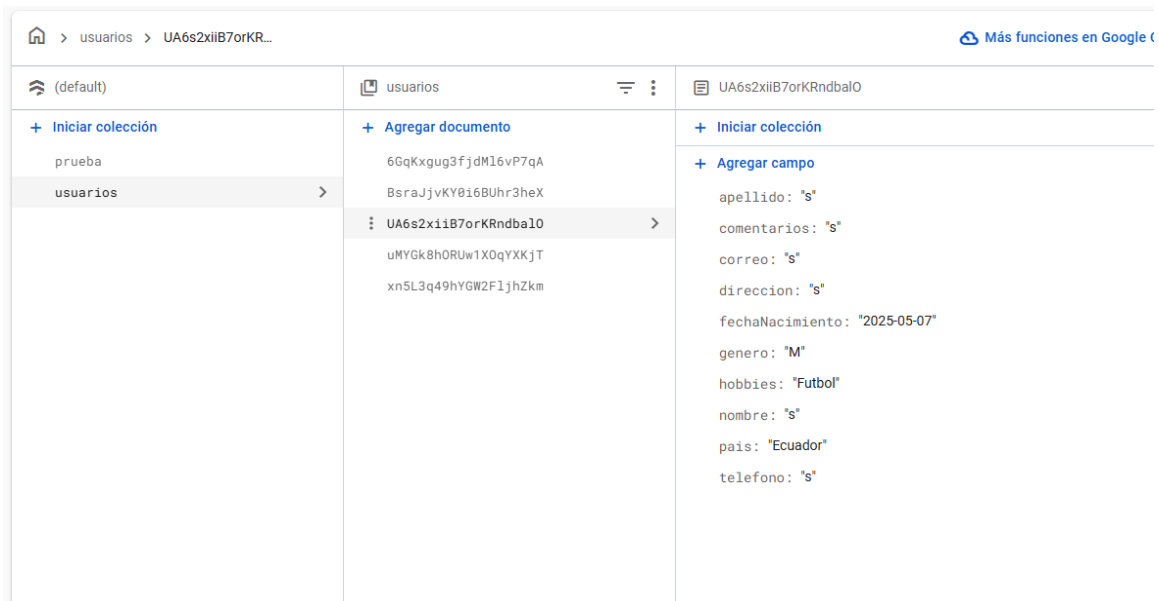
Environments.ts

```

environment.ts M × home.page.ts M main.ts M firestore.service.ts
FormularioPrueba > src > environments > environment.ts > ...
1  export const environment = {
2    production: false,
3    firebaseConfig: {
4      apiKey: "AIzaSyA40_1Yg3cYtR-S0i4pxlxheuHZw4dVaek",
5      authDomain: "prueba-e86da.firebaseio.com",
6      projectId: "prueba-e86da",
7      storageBucket: "prueba-e86da.firebaseio.com",
8      messagingSenderId: "242055367560",
9      appId: "1:242055367560:web:be347a6617dad075a3883d",
10     measurementId: "G-M5LC781SF0"
11   }
12 };

```

Firebase



Aplicación ejecutada en el emulador (dispongo solo de dispositivo iOS)

