Escuela Politécnica Nacional

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Prueba Bimestral 1

Main.ts

```
import { bootstrapApplication } from '@angular/platform-browser';
import { RouteReuseStrategy, provideRouter, withPreloading, PreloadAllModules } from '@angular/router';
import { IonicRouteStrategy, provideIonicAngular } from '@ionic/angular/standalone';

import { routes } from './app/app.routes';
import { AppComponent } from './app/app.component';

import { provideFirebaseApp, initializeApp} from '@angular/fire/app';
import { provideFirestore, getFirestore} from '@angular/fire/firestore';
import { environment } from './environments/environment';
import { enableProdMode, importProvidersFrom } from '@angular/core';
import { IonicModule } from '@ionic/angular';

if(environment.production){
   enableProdMode();
}

bootstrapApplication(AppComponent, {
   providers: [
   importProvidersFrom(IonicModule.forRoot({})),
   provideRouter(routes),
   provideFirebaseApp(()=>initializeApp(environment.firebaseConfig)),
   provideFirestore(() => getFirestore()),
   ],
});
```

Enviroments.ts

Formulario Service.ts

```
import { Injectable } from '@angular/core';
import { Firestore, collection, addDoc, collectionData, query, orderBy } from '@angular/fire/firestore';
import { Observable } from 'rxjs';
export interface form {
  nombre: string;
  apellido: string;
  fechaNacimiento: Date;
  cedula: string;
  telefono: string;
  correo: string;
  direccion: string;
  institucion: string;
  genero:string
  edad: number;
  createdAt: number;
  sender: string;
 providedIn: 'root'
export class FormularioService {
  agregarFormulario(data: form): Promise<any> {
  const formularioRef = collection(this.firestore, 'formularios');
    return addDoc(formularioRef, data);
   const formularioRef = collection(this.firestore, 'formularios');
    const q = query(formularioRef, orderBy('createdAt', 'desc'));
return collectionData(q, { idField: 'id' }) as Observable<form[]>;
```

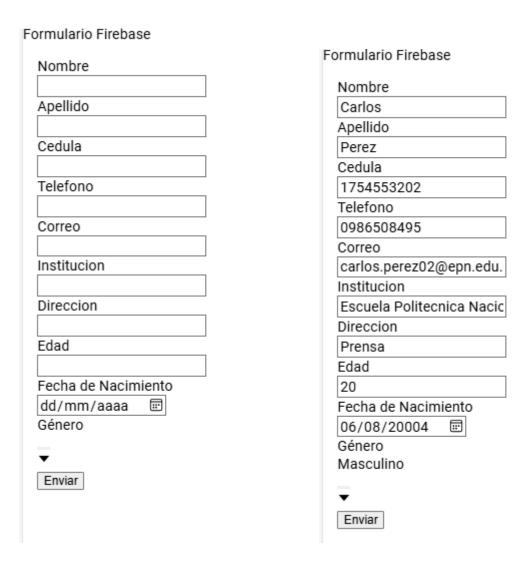
Home.ts

```
import { Component, OnInit } from '@angular/core';
import { IonicModule } from '@ionic/angular';
import { FormBuilder, FormGroup, ReactiveFormsModule, Validators } from '@angular/forms';
import { CommonModule } from '@angular/common';
import { FormularioService, form } from '../services/formulario.service';
 selector: 'app-home',
  standalone: true,
  templateUrl: 'home.page.html',
styleUrls: ['home.page.scss'],
  imports: [IonicModule,CommonModule,ReactiveFormsModule]
export class HomePage implements OnInit {
  formulario!: FormGroup;
  constructor(
   private fb: FormBuilder,
   private formularioService: FormularioService
    this.formulario = this.fb.group({
     nombre: [''],
apellido: [''],
      fechaNacimiento: [''],
      cedula: [''],
      correo: [''],
direccion: [''],
      edad: [''],
      genero: ['']
```

```
enviarFormulario() {
   if (this.formulario.invalid) return;

const data: form = {
    ...this.formulario.value,
    createdAt: Date.now(),
    sender: 'Invitado'
   };

this.formularioService.agregarFormulario(data)
   .then(() => {
     console.log('Formulario enviado correctamente');
     this.formulario.reset();
   })
   .catch(error => {
     console.error('Error al enviar formulario:', error);
   });
}
```



Base de Datos

