

CASERITA CODE USANDO FLUTTER Y VISUAL STUDIO

MAIN.DART

```
import 'package:flutter/material.dart';
import 'package:firebase_core/firebase_core.dart';
import 'screens/login_screen.dart';
```

```
void main() async {
  WidgetsFlutterBinding.ensureInitialized();
  await Firebase.initializeApp();
  runApp(MyApp());
}
```

```
class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Caserita',
      theme: ThemeData(
        primarySwatch: Colors.orange,
      ),
      home: LoginScreen(),
    );
  }
}
```

AUTENTICACION auth_service.dart

```
import 'package:firebase_auth/firebase_auth.dart';
import 'package:google_sign_in/google_sign_in.dart';
import 'package:flutter_facebook_auth/flutter_facebook_auth.dart';
```

```
class AuthService {
  final FirebaseAuth _auth = FirebaseAuth.instance;

  Future<void> signInWithGoogle() async {
    final GoogleSignInAccount? googleUser = await GoogleSignIn().signIn();
    if (googleUser != null) {
      final GoogleSignInAuthentication googleAuth = await googleUser.authentication;
      final credential = GoogleAuthProvider.credential(
        accessToken: googleAuth.accessToken,
        idToken: googleAuth.idToken,
      );
      await _auth.signInWithCredential(credential);
    }
  }
}
```

```

    }

    Future<void> signInWithFacebook() async {
      final LoginResult result = await FacebookAuth.instance.login();
      if (result.status == LoginStatus.success) {
        final OAuthCredential credential =
        FacebookAuthProvider.credential(result.accessToken!.token);
        await _auth.signInWithCredential(credential);
      }
    }
  }
}

```

PANTALLA DE INICIO DE SESION

Login_screen.dart

```

import 'package:flutter/material.dart';
import '../services/auth_service.dart';

```

```

class LoginScreen extends StatelessWidget {
  final AuthService _authService = AuthService();

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      backgroundColor: Colors.white,
      body: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            Image.asset('assets/logo.png', height: 100),
            SizedBox(height: 20),
            Text(
              'Caserita - Un espacio de conexión y apoyo',
              textAlign: TextAlign.center,
              style: TextStyle(fontSize: 16, fontWeight: FontWeight.bold),
            ),
            ),
            SizedBox(height: 40),
            ElevatedButton.icon(
              icon: Icon(Icons.facebook, color: Colors.white),
              label: Text('Iniciar sesión con Facebook'),
              style: ElevatedButton.styleFrom(primary: Colors.blue),
              onPressed: () => _authService.signInWithFacebook(),
            ),
            SizedBox(height: 10),
            ElevatedButton.icon(

```

```

        icon: Icon(Icons.email, color: Colors.white),
        label: Text('Iniciar sesión con Google'),
        style: ElevatedButton.styleFrom(primary: Colors.orange),
        onPressed: () => _authService.signInWithGoogle(),
      ),
    ],
  ),
);
}
}

```

Pantalla Principal home_screen.dart
import 'package:flutter/material.dart';

```

class HomeScreen extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('Emprendimientos cercanos'),
      ),
      body: ListView(
        children: [
          ListTile(
            title: Text('Artesanías Jaku'),
            subtitle: Text('A 1 km de ti'),
            trailing: Icon(Icons.arrow_forward),
            onTap: () {
              Navigator.push(
                context,
                MaterialPageRoute(builder: (context) => EntrepreneurProfileScreen()),
              );
            },
          ),
          ListTile(
            title: Text('Comida Tradicional Anita'),
            subtitle: Text('A 2 km de ti'),
            trailing: Icon(Icons.arrow_forward),
            onTap: () {
              Navigator.push(
                context,
                MaterialPageRoute(builder: (context) => EntrepreneurProfileScreen()),
              );
            },
          ),
        ],
      ),
    );
  }
}

```

```

    },
  ),
  // Agrega más ListTile para otros emprendimientos
],
),
);
}
}

```

Pantalla de perfil básica

Entrepreneur_profile_screen.dart

```
import 'package:flutter/material.dart';
```

```

class EntrepreneurProfileScreen extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('Perfil de Emprendimiento'),
      ),
      body: Padding(
        padding: const EdgeInsets.all(16.0),
        child: Column(
          crossAxisAlignment: CrossAxisAlignment.start,
          children: [
            Text(
              'Nombre del Emprendimiento',
              style: TextStyle(fontSize: 20, fontWeight: FontWeight.bold),
            ),
            SizedBox(height: 10),
            Text('Descripción del emprendimiento, productos ofrecidos y ubicación.'),
            SizedBox(height: 20),
            ElevatedButton(
              onPressed: () {
                // Acción para contactar al emprendedor
              },
              child: Text('Contactar'),
            ),
          ],
        ),
      ),
    );
  }
}

```

