

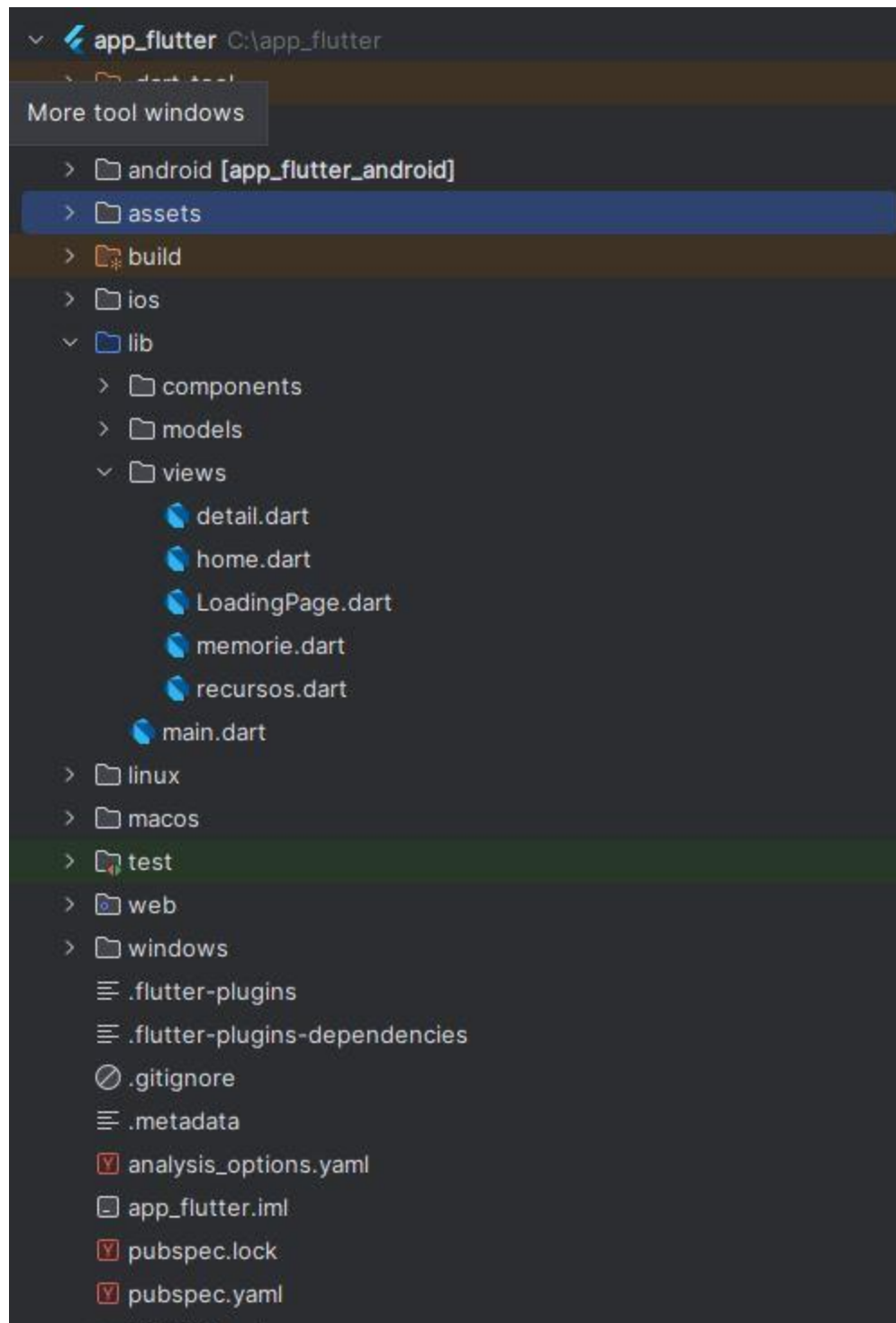
**DESARROLLO DE APP MOVILES I**  
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1.

**Inicio de sesión**

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## 1. Estructura del Proyecto



## 2. Main.dart

```
main.dart x home.dart recursos.dart LoadingPage.dart pubspec.yaml
1 import 'package:app_flutter/views/LoadingPage.dart';
2 import 'package:app_flutter/views/home.dart';
3 import 'package:app_flutter/views/recursos.dart';
4 import 'package:flutter/material.dart';
5
6 void main() {
7   runApp(MyApp());
8 }
9
10 class MyApp extends StatelessWidget {
11   @override
12   Widget build(BuildContext context) {
13     return MaterialApp(
14       debugShowCheckedModeBanner: false,
15       home: Recursos(),
16     ); // MaterialApp
17   }
18 }
19
```

## 3. Home.dart

```
main.dart x home.dart x recursos.dart LoadingPage.dart pubspec.yaml memorie.dart
1 import 'package:flutter/material.dart';
2 import 'package:shared_preferences/shared_preferences.dart';
3 import '../components/CustomSearchBar.dart';
4 import '../components/ItemNews.dart';
5 import '../models/trending.dart';
6 import 'LoadingPage.dart';
7 import 'detail.dart';
8
9 class Home extends StatefulWidget {
10   const Home({super.key});
11
12   @override
13   State<Home> createState() => _HomeState();
14 }
15
16 class _HomeState extends State<Home> {
17
18   List<Trending> trending = [
19     Trending(
20       category: "Tendencias",
21       hashtag: "SIOA",
22       published: "7.104 publicaciones"
23     ),
24     Trending(
25       category: "Tendencias en Mexico",
26       hashtag: "Costco",
27       published: "20,6 mil publicaciones"
28     ),
29     Trending(
30       category: "Tendencias en Mexico",
31       hashtag: "Sams",
32       published: "20,4 mil publicaciones"
33     )
34   ];
35 }
```

```

List<Trending> trending_filtered = [];

@override
void initState() {
  super.initState();
  trending_filtered = trending;
}

void onSubmitted(String value) {
  setState(() {
    if(value.isEmpty){
      trending_filtered = trending;
      return;
    }
    trending_filtered = trending.where((element) => element.hashtag.toLowerCase().contains(value.toLowerCase())).toList();
  });
}

void moveToDetail(Trending item) {
  Navigator.push(
    context,
    MaterialPageRoute(
      builder: (context) => Detail(
        item: item,
      ), // Detail
    ), // MaterialPageRoute
  );
}

```

```

void DesLogeame() {
  SharedPreferences.getInstance().then((prefs) {
    prefs.setBool('tas_logeado', false);
    Navigator.pushReplacement(
      context,
      MaterialPageRoute(builder: (context) => const Loadingpage()),
    );
  });
}

```

```

@override
Widget build(BuildContext context) {
  return Scaffold(
    backgroundColor: Colors.black,
    appBar: AppBar(
      backgroundColor: Colors.black, // Fondo negro para la barra superior
      title: const Text(
        'Home (Aaron Hdez)',
        style: TextStyle(
          color: Colors.white,
          fontSize: 30,
          fontWeight: FontWeight.bold,
        ), // Texto blanco en la AppBar // TextStyle
      ), // Text
      actions: [
        IconButton(
          icon: const Icon(Icons.logout, color: Colors.white), // Icono de logout
          onPressed: () {
            DesLogeame(); // También cierra sesión al presionar logout
          },
        ), // IconButton
      ],
      elevation: 0, // Quita la sombra de la AppBar
    ), // AppBar
  );
}

```

```

body: SafeArea(
  child: Padding(
    padding: const EdgeInsets.symmetric(horizontal: 15),
    child: Column(
      crossAxisAlignment: CrossAxisAlignment.start,
      children: [
        Customsearchbar(
          onSubmitted: onSubmitted,
        ), // Customsearchbar
        Text(
          "Qué está pasando?",
          style: TextStyle(
            color: Colors.white,
            fontSize: 28,
            fontWeight: FontWeight.bold,
          ), // TextStyle
        ), // Text
        SizedBox(
          height: 20,
        ), // SizedBox
        Expanded(
          child: ListView.builder(
            itemCount: trending_filtered.length,
            itemBuilder: (_, index) {
              return ItemNews(
                trending: trending_filtered[index],
                onTap: () => moveToDetail(trending_filtered[index]),
              ); // ItemNews
            },
          ), // ListView.builder
        ), // Expanded
      ],
    ), // Column
  ), // Padding
), // SafeArea
); // Scaffold
}

```

## 4. Recursos.dart

```
main.dart  home.dart  recursos.dart x  LoadingPage.dart  pubspec.yaml  memorie.dart

1  import 'package:flutter/material.dart';
2  import 'package:lottie/lottie.dart';
3  import 'package:shared_preferences/shared_preferences.dart';
4  import 'LoadingPage.dart';
5
6
7  class Recursos extends StatefulWidget {
8    const Recursos({super.key});
9
10   @override
11   State<Recursos> createState() => _RecursosState();
12 }
13
14 class _RecursosState extends State<Recursos> {
15
16   void Logeame() {
17     SharedPreferences.getInstance().then((prefs) {
18       prefs.setBool('tas_logeado', true);
19       Navigator.pushReplacement(
20         context,
21         MaterialPageRoute(builder: (context) => const Loadingpage()),
22       );
23     });
24   }
25
26   @override
27   Widget build(BuildContext context) {
28     return Scaffold(
29       backgroundColor: Colors.black, // Fondo negro
30       body: SafeArea(
31         child: Padding(
32           padding: const EdgeInsets.all(20.0),
33           child: Column(
34             mainAxisAlignment: MainAxisAlignment.center,
35             children: [
36               const Text(
37                 'Iniciar sesión',
38                 style: TextStyle(
39                   fontSize: 24,
40                   fontWeight: FontWeight.bold,
41                   color: Colors.white, // Letras blancas
42                 ), // TextStyle
```



```

@override
Widget build(BuildContext context) {
  return Scaffold(
    backgroundColor: Colors.black, // Fondo negro
    body: SafeArea(
      child: Padding(
        padding: const EdgeInsets.all(20.0),
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            const Text(
              'Iniciar sesión',
              style: TextStyle(
                fontSize: 24,
                fontWeight: FontWeight.bold,
                color: Colors.white, // Letras blancas
              ), // TextStyle
            ), // Text
            const SizedBox(height: 30),

            // Campo de correo
            TextField(
              keyboardType: TextInputType.emailAddress,
              style: const TextStyle(color: Colors.white), // Texto blanco
              decoration: InputDecoration(
                labelText: 'Correo electrónico',
                labelStyle: const TextStyle(color: Colors.white), // Etiqueta blanca
                enabledBorder: OutlineInputBorder(
                  borderSide: const BorderSide(color: Colors.white), // Borde blanco
                  borderRadius: BorderRadius.circular(10),
                ), // OutlineInputBorder
                focusedBorder: OutlineInputBorder(
                  borderSide: const BorderSide(color: Colors.blue), // Borde azul al seleccionar
                  borderRadius: BorderRadius.circular(10),
                ), // OutlineInputBorder
              ), // InputDecoration
            ), // TextField
            const SizedBox(height: 20),

```

```

            // Campo de contraseña
            TextField(
              obscureText: true,
              style: const TextStyle(color: Colors.white), // Texto blanco
              decoration: InputDecoration(
                labelText: 'Contraseña',
                labelStyle: const TextStyle(color: Colors.white), // Etiqueta blanca
                enabledBorder: OutlineInputBorder(
                  borderSide: const BorderSide(color: Colors.white), // Borde blanco
                  borderRadius: BorderRadius.circular(10),
                ), // OutlineInputBorder
                focusedBorder: OutlineInputBorder(
                  borderSide: const BorderSide(color: Colors.blue), // Borde azul al seleccionar
                  borderRadius: BorderRadius.circular(10),
                ), // OutlineInputBorder
              ), // InputDecoration
            ), // TextField
            const SizedBox(height: 40),

            // Botón de login
            GestureDetector(
              onTap: Logeame,
              child: Container(
                height: 60,
                width: double.infinity,
                decoration: BoxDecoration(
                  color: Colors.white, // Fondo blanco
                  borderRadius: BorderRadius.circular(10),
                ), // BoxDecoration
                child: const Center(
                  child: Text(
                    'Logeame',
                    style: TextStyle(
                      color: Colors.black, // Texto negro
                      fontSize: 20,
                      fontWeight: FontWeight.bold,
                    ), // TextStyle
                  ), // Text
                ), // Center
              ), // Container
            ), // GestureDetector

```

## 5. LoadingPage.dart

```
main.dart  home.dart  recursos.dart  LoadingPage.dart x  pubspec.yaml  memorie.dart

1  import 'package:app_flutter/views/recursos.dart';
2  import 'package:flutter/material.dart';
3  import 'package:shared_preferences/shared_preferences.dart';
4  import 'home.dart';
5
6
7
8  class Loadingpage extends StatefulWidget {
9    const Loadingpage({super.key});
10
11    @override
12    State<Loadingpage> createState() => _LoadingpageState();
13  }
14
15  class _LoadingpageState extends State<Loadingpage> {
16
17    @override
18    void initState() {
19      super.initState();
20
21      Future.delayed(const Duration(seconds: 2), () {
22        SharedPreferences.getInstance().then((prefs) {
23          bool tas_logeado = prefs.getBool('tas_logeado') ?? false;
24          if(tas_logeado){
25            Navigator.pushReplacement(
26              context,
27              MaterialPageRoute(builder: (context) => const Home()),
28            );
29          }
30          else{
31            Navigator.pushReplacement(
32              context,
33              MaterialPageRoute(builder: (context) => const Recursos()),
34            );
35          }
36        });
37      }); // Future.delayed
38
```

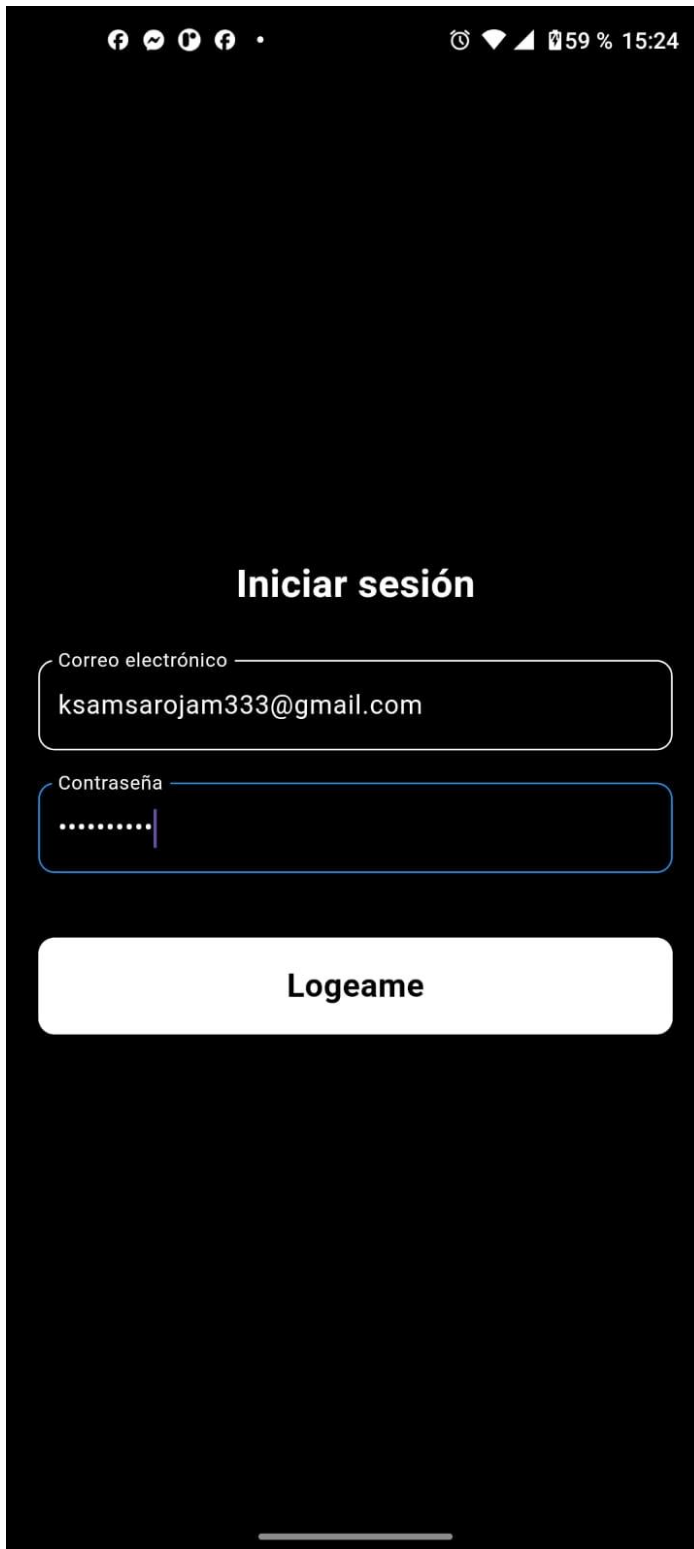


```

47
48
49   @override
50   Widget build(BuildContext context) {
51     return Scaffold(
52       backgroundColor: Colors.black,
53       body: Center(
54         child: Column(
55           mainAxisAlignment: MainAxisAlignment.center,
56           children: [
57             Image.asset(
58               "assets/gif/loading.gif", // Asegúrate de que tu GIF está en esta ruta
59               width: 150,
60               height: 150,
61               fit: BoxFit.cover,
62             ), // Image.asset
63             const SizedBox(height: 20),
64             const Text(
65               "",
66               style: TextStyle(color: Colors.white, fontSize: 18),
67             ), // Text
68           ],
69         ), // Column
70       ), // Center
71     ); // Scaffold
72   }
73 }

```

## 6. Emulador (Pantallas)



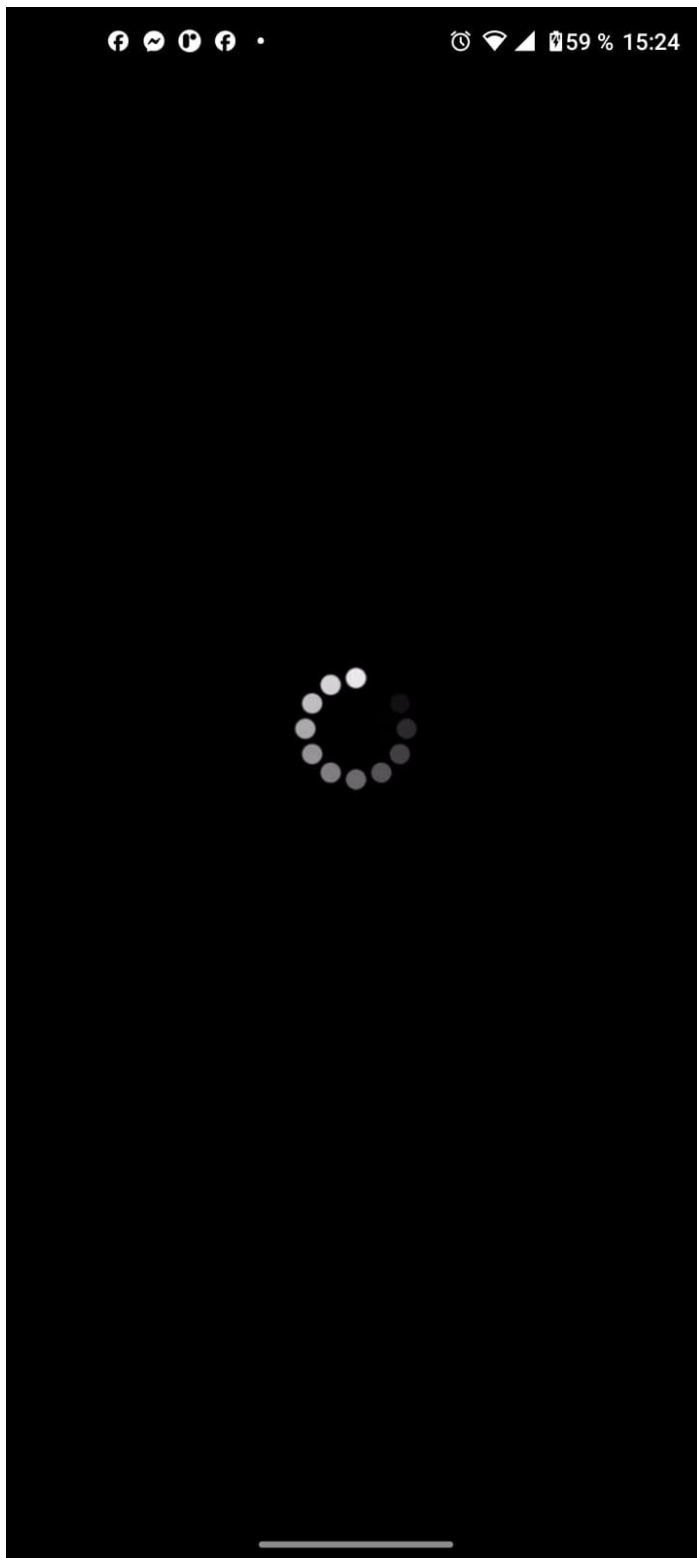
The screenshot displays a mobile emulator interface. At the top, there is a status bar with icons for social media (Facebook, Messenger, WhatsApp, Telegram) and system status (alarm, Wi-Fi, cellular signal, battery at 59%, and time 15:24). The main content area has a black background with the text "Iniciar sesión" centered. Below this, there are two input fields: "Correo electrónico" containing "ksamsarojam333@gmail.com" and "Contraseña" containing seven dots. A white "Logeame" button is positioned below the password field. At the very bottom, a thin horizontal line represents the home indicator bar.

Correo electrónico

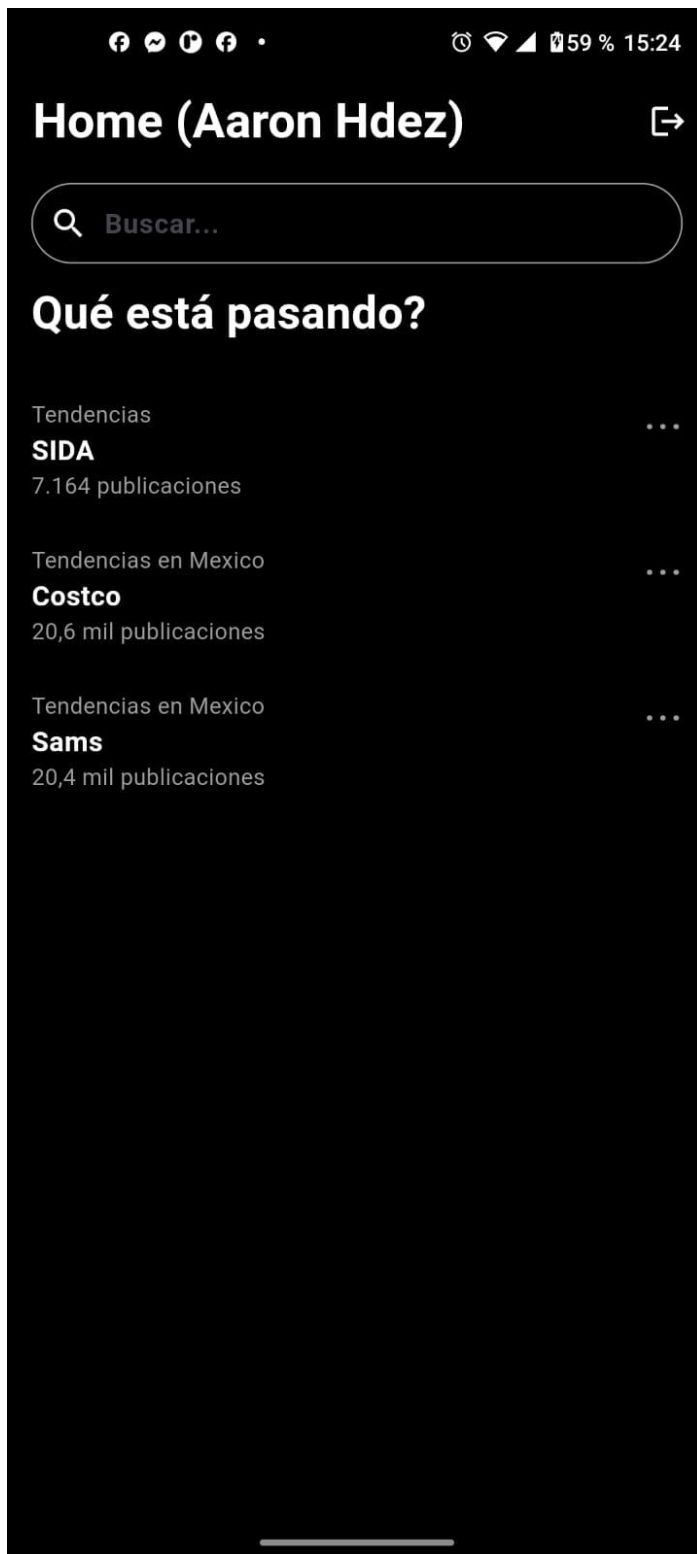
Contraseña

**Logeame**

## 7. Loading (Pantalla)



## 8. Home (Pantalla)



## 9. Sida (Pantalla)

