

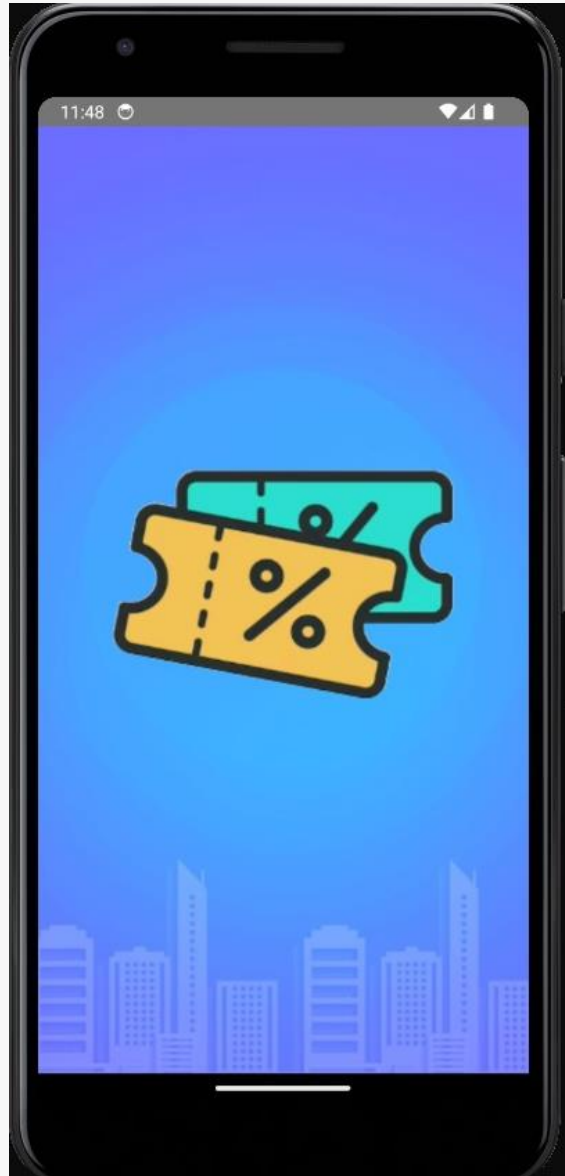
DPS -02t - 2023

# La Cuponera

Manual de Técnico



# La cuponera



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## Conocimientos Previos

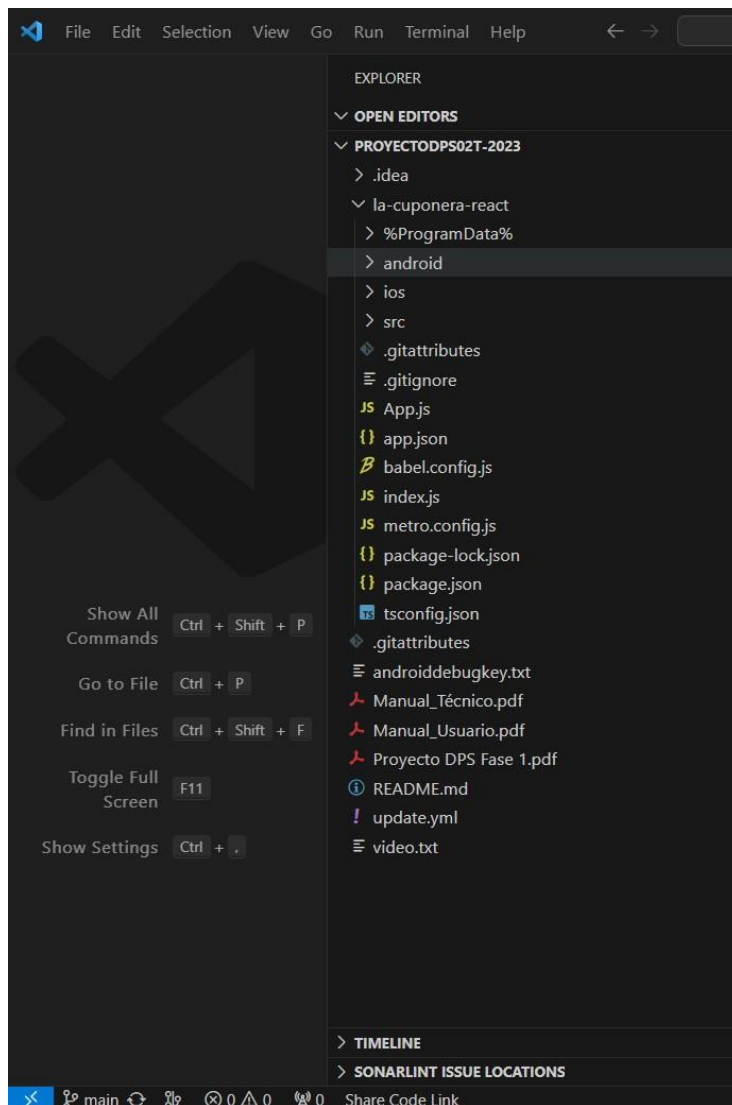
- Conocimientos en React-native
- Conocimientos en Javascript
- Conocimientos en Firebase

## Requisitos de desarrollo

- Android Studio
- Firebase
- Android SDK

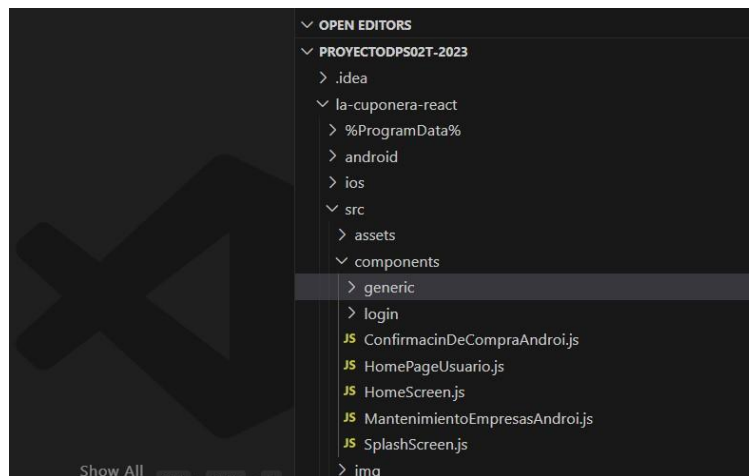
## Estructura

Ide de proyecto:



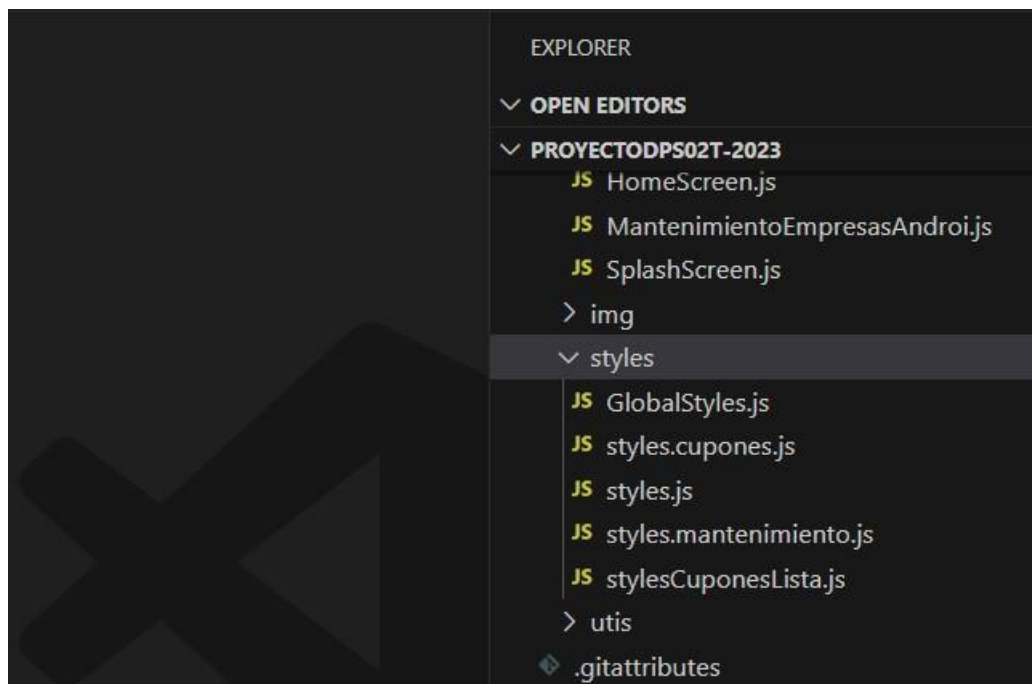
## Vistas (Screens)

En esta carpeta se encuentran almacenadas todas las vistas desarrolladas y que son usadas dentro de la aplicación:



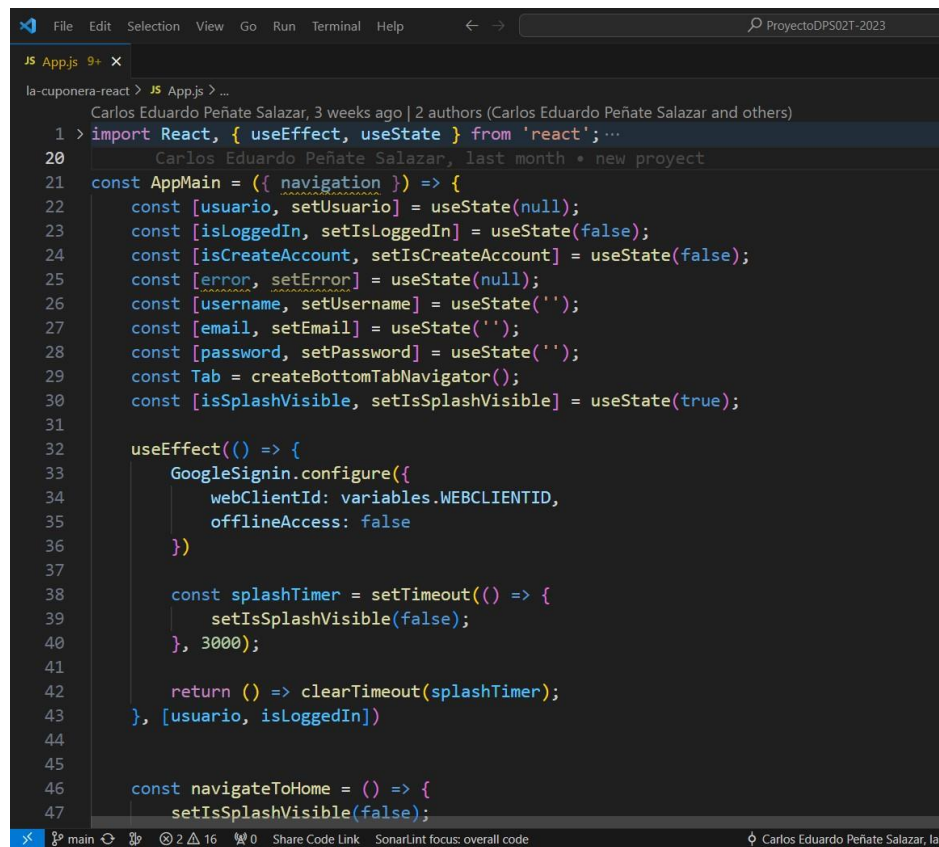
## Estilos

Aquí se encuentran las hojas de estilo que se han usado a lo largo del desarrollo de la aplicación:



## App.js

En este archivo es en el que se desarrolla la aplicación y por medio la cual se hace la llamada hacia las demás pantallas:



```
1 > import React, { useEffect, useState } from 'react'; ...
20   Carlos Eduardo Peñate Salazar, last month • new proyect
21   const AppMain = ({ navigation }) => {
22     const [usuario, setUsuario] = useState(null);
23     const [isLoggedIn, setIsLoggedIn] = useState(false);
24     const [isCreateAccount, setIsCreateAccount] = useState(false);
25     const [error, setError] = useState(null);
26     const [username, setUsername] = useState('');
27     const [email, setEmail] = useState('');
28     const [password, setPassword] = useState('');
29     const Tab = createBottomTabNavigator();
30     const [isSplashVisible, setIsSplashVisible] = useState(true);
31
32     useEffect(() => {
33       GoogleSignin.configure({
34         webClientId: variables.WEBCLIENTID,
35         offlineAccess: false
36       });
37
38       const splashTimer = setTimeout(() => {
39         setIsSplashVisible(false);
40       }, 3000);
41
42       return () => clearTimeout(splashTimer);
43     }, [usuario, isLoggedIn])
44
45
46     const navigateToHome = () => {
47       setIsSplashVisible(false);
```

```
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JS App.js 9 X
la-cuponera-react > JS App.js > AppMain

47     setIsSplashVisible(false);
48   };
49
50   const SettingComponent = props => (
51     <SettingPage signOut={signOut} {...props} />
52   );
53
54   function MyTabs() {
55     return (
56       <Tab.Navigator>
57         <Tab.Screen name="HomeCupones"
58           options={{
59             title: 'HomeCupones',
60             activeTintColor: 'white',
61             inactiveTintColor: '#d9d9d9',
62             tabBarIcon: () => {
63               return (
64                 <Image style={{ width: 25, height: 25 }}
65                   source={require('./src/img/cupon.png')} />
66               );
67             },
68           }}
69           component={HomePageUsuario} />
70         <Tab.Screen name="Home"
71           options={{
72             title: 'Home',
73             activeTintColor: 'white',
74             inactiveTintColor: '#d9d9d9',
75             tabBarIcon: () => {
76               return (
```

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```
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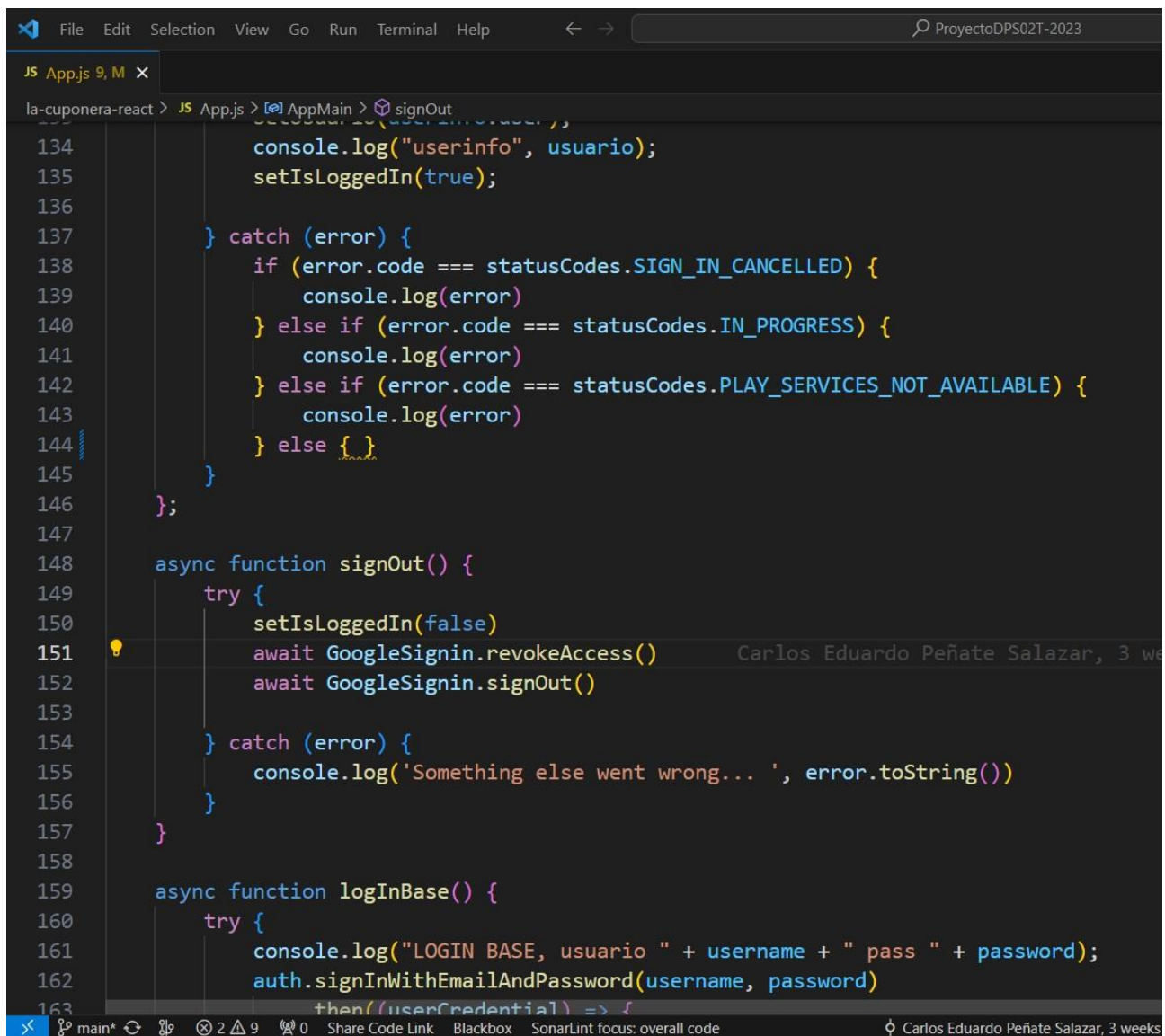
JS App.js 9 x
la-cuponera-react > JS App.js > [AppMain]

76         return (
77             <Image style={{ width: 25, height: 25 }}
78                 source={require('./src/img/home.png')} />
79         );
80     },
81     },
82     component={HomePage} initialParams={usuario} />
83 <Tab.Screen name="Cupones"
84     options={{
85         title: 'Cupones',
86         activeTintColor: 'white',
87         inactiveTintColor: '#d9d9d9',
88         tabBarIcon: () => {
89             return (
90                 <Image style={{ width: 25, height: 25 }}
91                     source={require('./src/img/cupon.png')} />
92             );
93         },
94     }}
95     component={HomeScreen} />
96 <Tab.Screen name="Settings"
97     options={{
98         title: 'Settings',
99         activeTintColor: 'white',
100        inactiveTintColor: '#d9d9d9',
101        tabBarIcon: () => {
102            return (
103                <Image style={{ width: 25, height: 25 }}
104                    source={require('./src/img/confimg.png')} />
105            );
106        },
107    }}
108     component={SettingsScreen} />
109 </Tab>
110 );
111 };
112 export default App;
113
```

```
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JS App.js 9, M x
la-cuponera-react > JS App.js > AppMain

105         });
106     },
107     },
108     component={SettingComponent}
109   />
110   <Tab.Screen name="Empresas"
111     options={{
112       title: 'Empresas',
113       activeTintColor: 'white',
114       inactiveTintColor: '#d9d9d9',
115       tabBarIcon: () => {
116         return (
117           <Image style={{ width: 25, height: 25 }}
118             source={require('./src/img/empresa.png')} />
119         );
120       },
121     }}
122     component={MantenimientoEmpresasAndroi} />
123 </Tab.Navigator>
124 );
125 }
126
127 You, 1 second ago • Uncommitted changes
127 const googleLogin = async () => {
128   try {
129     console.log("TRYING CONNECTION TO GOOGLE!!")
130     await GoogleSignin.hasPlayServices();
131     const userInfo = await GoogleSignin.signIn();
132
133     setUsuario(userInfo.user);
134     console.log("userinfo", usuario);
```



```
134     console.log("userinfo", usuario);
135     setIsLoggedIn(true);
136
137   } catch (error) {
138     if (error.code === statusCodes.SIGN_IN_CANCELLED) {
139       console.log(error)
140     } else if (error.code === statusCodes.IN_PROGRESS) {
141       console.log(error)
142     } else if (error.code === statusCodes.PLAY_SERVICES_NOT_AVAILABLE) {
143       console.log(error)
144     } else {}
145   }
146 };
147
148 async function signOut() {
149   try {
150     setIsLoggedIn(false)
151     await GoogleSignin.revokeAccess()
152     await GoogleSignin.signOut()
153   } catch (error) {
154     console.log('Something else went wrong... ', error.toString())
155   }
156 }
157
158
159 async function logInBase() {
160   try {
161     console.log("LOGIN BASE, usuario " + username + " pass " + password);
162     auth.signInWithEmailAndPassword(username, password)
163     then((userCredential) => {
```

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```
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JS App.js 9, M X
la-cuponera-react > JS App.js > AppMain > loginBase
162
163     .then((userCredential) => {
164         console.log(userCredential);
165         setUsuario(userCredential);
166         setIsLoggedIn(true);
167     })
168     .catch((e) => {
169         console.log(e);
170     });
171 } catch (error) {
172     console.log('Something else went wrong... ', error.toString())
173 }
174
175
176
177 async function createAccount() {
178     console.log("CREATE ACCOUNT, usuario " + username + " email " + email + " pass " + password);
179
180     auth.createUserWithEmailAndPassword(email, password)
181     .then((userCredential) => {
182         console.log(userCredential);
183         setUsuario(userCredential);
184         setIsLoggedIn(true);
185         setIsCreateAccount(false);
186     })
187     .catch((error) => {
188         console.log('Something else went wrong... ', error.toString())
189     });
190
191 }
```

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```
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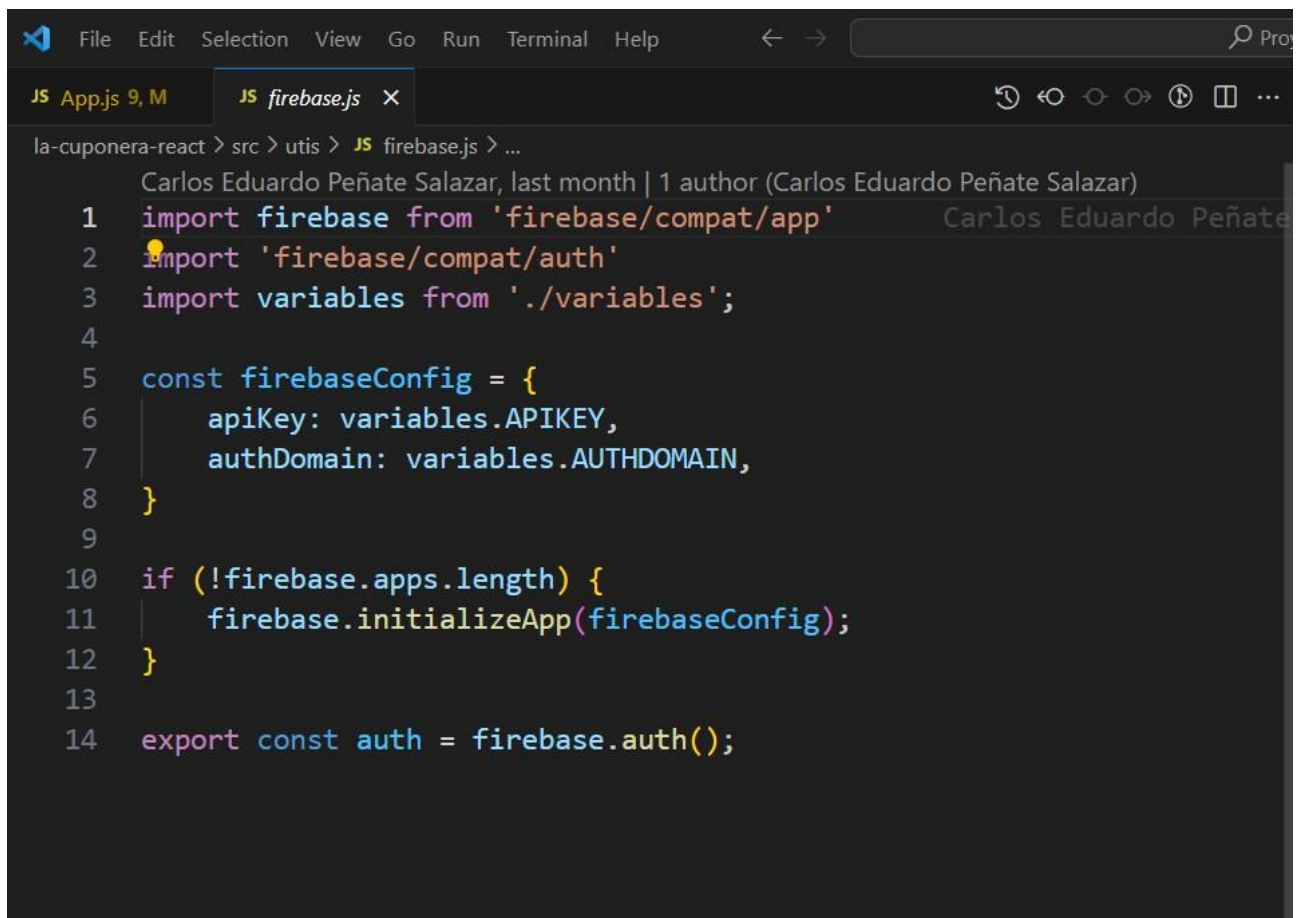
JS App.js 9, M
la-cuponera-react > JS App.js > AppMain > createAccount > then() callback
189     });
190
191   }
192
193   if (isCreateAccount) {
194     return (
195       <CreateAccountTemplate
196         createAccount={createAccount}
197         setIsLoggedIn={setIsLoggedIn}
198         setIsCreateAccount={setIsCreateAccount}
199         googleLogin={googleLogin}
200         setUsername={setUsername}
201         setPassword={setPassword}
202         setEmail={setEmail} />
203     );
204   } else if (isLoggedIn == !true) {
205     return (
206       isSplashVisible ? <SplashScreen navigation={navigateToHome} /> :
207       (
208         <View style={styles.container}>
209           <FormComponent
210             setUsername={setUsername}
211             setPassword={setPassword}
212             setIsCreateAccount={setIsCreateAccount}
213             loginBase={loginBase}
214             createAccount={createAccount}
215           />
216           <Separator />
217           <SocialNetworks
218             googleLogin={googleLogin} />
219         </View>
220       )
221     );
222   } else {
223     return (
224       <NavigationContainer>
225         <MyTabs />
226       </NavigationContainer>;
227     );
228   }
229 }
230
231
232
233 export default AppMain;
```

```
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JS App.js 9, M
la-cuponera-react > JS App.js > AppMain > createAccount > then() callback
218     googleLogin={googleLogin} />
219   </View>
220 )
221 );
222
223 } else {
224   return (
225     <NavigationContainer>
226       <MyTabs />
227     </NavigationContainer>;
228   );
229 }
230
231
232
233 export default AppMain;
```

## Firestore:

La configuración del Firestore se hace en el siguiente archivo .js:



```
la-cuponera-react > src > utis > JS firebase.js > ...
Carlos Eduardo Peñate Salazar, last month | 1 author (Carlos Eduardo Peñate Salazar)
1 import firebase from 'firebase/compat/app'
2 import 'firebase/compat/auth'
3 import variables from './variables';
4
5 const firebaseConfig = {
6   apiKey: variables.APIKEY,
7   authDomain: variables.AUTHDOMAIN,
8 }
9
10 if (!firebase.apps.length) {
11   firebase.initializeApp(firebaseConfig);
12 }
13
14 export const auth = firebase.auth();
```



## Desarrolladores

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- Antonio José Caballero Bonilla CB190600
- Daniel Alexander Reyes Pineda RP191495
- Oscar Alexander Bonilla Sorto BS111203
- Carlos Eduardo Peñate Salazar PS190756

