### Facebook

There is a community supported react native which wraps around the native Facebook SDKs to enable Facebook sign-in.

Before getting started, ensure you have installed the library, configure your android and ios and setup your facebook develpor account to enable Facebook Login.

Ensure the "Facebook" sign-in provider is enabled on the Firebase Console

Once setup, we can trigger the login flow with Facebook by calling the logInWithPermissions method on the LoginManager class:

import React from 'react';

import { Button } from 'react-native';

function FacebookSignIn() {

return (

<Button

title="Facebook Sign-In"

onPress={() => onFacebookButtonPress().then(() => console.log('Signed in with Facebook!'))}

/>

);

}

The onFacebookButtonPress can then be implemented as follows:

import auth from '@react-native-firebase/auth';

import { LoginManager, AccessToken } from 'react-native-fbsdk';

async function onFacebookButtonPress() {

*// Attempt login with permissions*

const result = await LoginManager.logInWithPermissions(['public\_profile', 'email']);

if (result.isCancelled) {

throw 'User cancelled the login process';

}

*// Once signed in, get the users AccesToken*

const data = await AccessToken.getCurrentAccessToken();

if (!data) {

throw 'Something went wrong obtaining access token';

}

*// Create a Firebase credential with the AccessToken*

const facebookCredential = auth.FacebookAuthProvider.credential(data.accessToken);

*// Sign-in the user with the credential*

return auth().signInWithCredential(facebookCredential);

}