Authentification par e-mail et mot de passe en utilisant Firebase pour Android

L'authentification par e-mail et mot de passe Firebase peut être utilisée pour permettre aux utilisateurs de votre application Android de s'inscrire / se connecter à votre application en utilisant le style de messagerie et de mot de passe à l'ancienne sans vous soucier de la construction d'un backend pour prendre en charge le processus d'authentification des utilisateurs.

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Exemple d'application login screen

Pour commencer, créez un nouveau projet sur Android Studio ou ouvrir un projet existant auquel vous souhaitez ajouter une authentification par e-mail / mot de passe.

Cliquez sur Outil dans la barre de menu d'Android studio, puis sélectionnez Firebase.

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La fenêtre de l'assistant de Firebase s'ouvre. Sélectionnez Authentification dans la liste suivante et suivez l'assistant pour connecter votre application à Firebase (cela nécessite une connexion Internet).

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<pre><?xml version="1.0" encoding="utf-8"?> candroid.support.constraint.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res-auto" xmlns:tools="http://schemas.android.com/tools"</pre>	75 ≽ Firebase		Gradle
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Sélectionnez Authentication

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xml version="1.0" encoding="utf-8"?	Firebase > Authentication
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xmlns:app=">xmlns:tools="http://schemas.android.com/tools" android:layout_width="match_parent" tools:context=".DashboardActivity"> <textview android:id="@+id/welcome" android:id="@+id/welcome" android:layout_width="wrap_content" android:layout_baint="wrap_content"</textview </android.support.constraint.constraintlayout></pre>	Email and password authentication You can use Firebase Authentication to let your users sign in with their email addresses and passwords, and to manage your app's password-based accounts. This tutorial helps you set up an email and password system and then access information about the user.
<pre>android.teyout_nergit= wrap_content android.text="Default text"/> </pre>	Launch in browser
	Connect to Firebase
	2 Add Firebase Authentication to your app
n Text	Add Firebase Authentication to your app To use an authentication provider, you need to enable it in the <u>Firebase console</u> . Go to the Sign-in Method page in the Firebase Authentication section to enable Email/Password sign-in and any other identity providers

Connectez-vous à Firebase, puis ajoutez l'authentification Firebase à votre application.

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9: Version Control 🗵 Terminal 🕼 Build	📰 <u>6</u> : Logcat 🕜 Android Profiler 🕨 🛓: Run 🧐 TODO	○ Event Log

Créer un nouveau projet.

Ensuite, accédez à la console Firebase (<u>http://console.firebase.google.com/</u>), accédez à votre nouvelle application et, sous l'onglet d'authentification, activez l'authentification par e-mail / passe.

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🔒 Project Overview 🔅	Authentication		Web setup
Develop	Users Sign-in method Templates Usage		
4 Authentication			
🚍 Database	Sign-in providers		
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S Hosting	Email/Password	Enabled	/
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Vous êtes maintenant prêt à commencer le codage.

La première chose à considérer est d'inclure la demande d'autorisation Internet dans votre fichier manifeste :

Ensuite, coder l'activité d'inscription, Cela inclut :

- le fichier xml de mise en page
- $\circ \quad \text{les vues} \quad$
- o les classes Java avec le code de travail.

Une fois la fonction d'enregistrement des utilisateurs terminée, vous devez coder la connexion des utilisateurs, c'est-à-dire intégrer le code du fichier xml de mise en page et la classe Java.