

Create a form that allows new users to register with your app using their email address and a password. When a user completes the form, validate the email address and password provided by the user, then pass them to the `createUserWithEmailAndPassword` method:

## Manage Users in Firebase

Manage Users  
Password Authentication  
Email Link Authentication  
Google  
Facebook Login  
Sign in with Apple  
Twitter  
GitHub  
Microsoft  
Yahoo  
Phone Number  
OpenID Connect  
SAML  
Use a Custom Auth System  
Anonymous Authentication



Users in Firebase Projects

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- ▼ Web

Sign in with a pre-built UI

Get Started

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Web version 9 (modular) Web version 8 (namespaced)

★ [Learn more](#) about the tree-shakeable Web v9 modular SDK and [upgrade](#) from version 8.



```
import { getAuth, createUserWithEmailAndPassword } from "firebase/auth";

const auth = getAuth();
createUserWithEmailAndPassword(auth, email, password)
  .then((userCredential) => {
    // Signed in
    const user = userCredential.user;
    // ...
  })
  .catch((error) => {
    const errorCode = error.code;
    const errorMessage = error.message;
    // ...
  });
```

auth\_signup\_password.js

## Sign in existing users

Create a form that allows existing users to sign in using their email address and password. When a user completes the form, call the `signInWithEmailAndPassword` method:

Web version 9 (modular) Web version 8 (namespaced)

★ [Learn more](#) about the tree-shakeable Web v9 modular SDK and [upgrade](#) from version 8.



```
import { getAuth, signInWithEmailAndPassword } from "firebase/auth";

const auth = getAuth();
signInWithEmailAndPassword(auth, email, password)
  .then((userCredential) => {
    // Signed in
    const user = userCredential.user;
    // ...
  })
  .catch((error) => {
    const errorCode = error.code;
    const errorMessage = error.message;
  });
```

auth\_signin\_password.js

## Set an authentication state observer and get user data

For each of your app's pages that need information about the signed-in user, attach an observer to the global authentication object. This observer gets called whenever the user's sign-in state changes.

Attach the observer using the `onAuthStateChanged` method. When a user successfully signs in, you can get information about the user in the observer.

Web version 9 (modular) Web version 8 (namespaced)

★ [Learn more](#) about the tree-shakeable Web v9 modular SDK and [upgrade](#) from version 8.



```
import { getAuth, onAuthStateChanged } from "firebase/auth";

const auth = getAuth();
onAuthStateChanged(auth, (user) => {
  if (user) {
    // User is signed in, see docs for a list of available properties
    // https://firebase.google.com/docs/reference/js/firebase.User
    const uid = user.uid;
    // ...
  } else {
    // User is signed out
    // ...
  }
});
```

auth\_state\_listener.js

## Next steps

Learn how to add support for other identity providers and anonymous guest accounts:

- [Google Sign-in](#)
- [Facebook Login](#)
- [Twitter Login](#)
- [GitHub Login](#)
- [Anonymous sign-in](#)

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