

Building a DocuSign Integration

Link: <https://developers.docusign.com/platform/build-integration/>

Steps:

- 1) Create free DocuSign developer account
 - a) Create integration key
 - b) Configure Redirect URIs
 - c) Configure OAuth Scopes
 - d) Implement OAuth 2.0 Using Firebase Functions
- 2) Setup backend functions with Firebase
- 3) Frontend integration with React
 - a) Implement a React component that allows users to initiate the signing process.
This component would call the Firebase function we've set up.
- 4) Test and Deploy

Progress:

I created a free developer account under my personal email address (OSU email did not allow developer access for some reason). I generated a new key for our site:

Apps and Keys > EECS Community of Practi...

EECS Community of Practice Mentor Matching Site

Edit your application name, choose an authentication method, and configure additional settings.

General Info

App Name *

EECS Community of Practice Mentor Matching Site

Integration Key

1957a7ae-8ae4-448b-94dd-9165702fc641



Here is the integration key: 1957a7ae-8ae4-448b-94dd-9165702fc641

Secret Key: efa95a04-2377-4b3a-b18b-717be2b8c5c9

Local development URI key: <http://localhost:3000/auth/docusign/callback>

Production URI key will likely be:

<https://eeccs-cop-mentor-matching-dev.firebaseio.com/auth/docusign/callback>

Select OAuth Authentication Type

Selected Authorization Code Grant: Best for servers that can securely store the secret. It's the most common for web applications.

 **User Application**

Is your application able to securely store a client secret?

Yes

No

Authentication Method for your App

Authorization Code Grant

Used for integrations where each user logs in individually and requires a one-time consent for the app to use their account.

Require Proof Key for Code Exchange (PKCE) RECOMMENDED

Requires all requests to include a code verifier and code challenge, which protects your app against malicious attacks.

Secret Keys

X*****c5c9

[+ Add Secret Key](#)

- Wrote React frontend component code in DocuSignButton.js in createAccount, updated routes in App.js and in createAccount.tsx.
- Wrote index.js code in functions to handle oAuth process
- Need to bypass Blaze upgrade error