

Development Process - Angular

Step-By-Step

1. Create a free developer account at [okta.com](https://developer.okta.com)
2. Add OpenID Connect client app in Okta
3. Set up app configuration for OpenID Connect
4. Install Okta SDK dependencies
5. Integrate Okta Sign-In Widget
6. Develop login status component for login/logout buttons
7. Update App Module configs to connect routes

Step 1: Create free developer account at [okta.com](https://developer.okta.com)

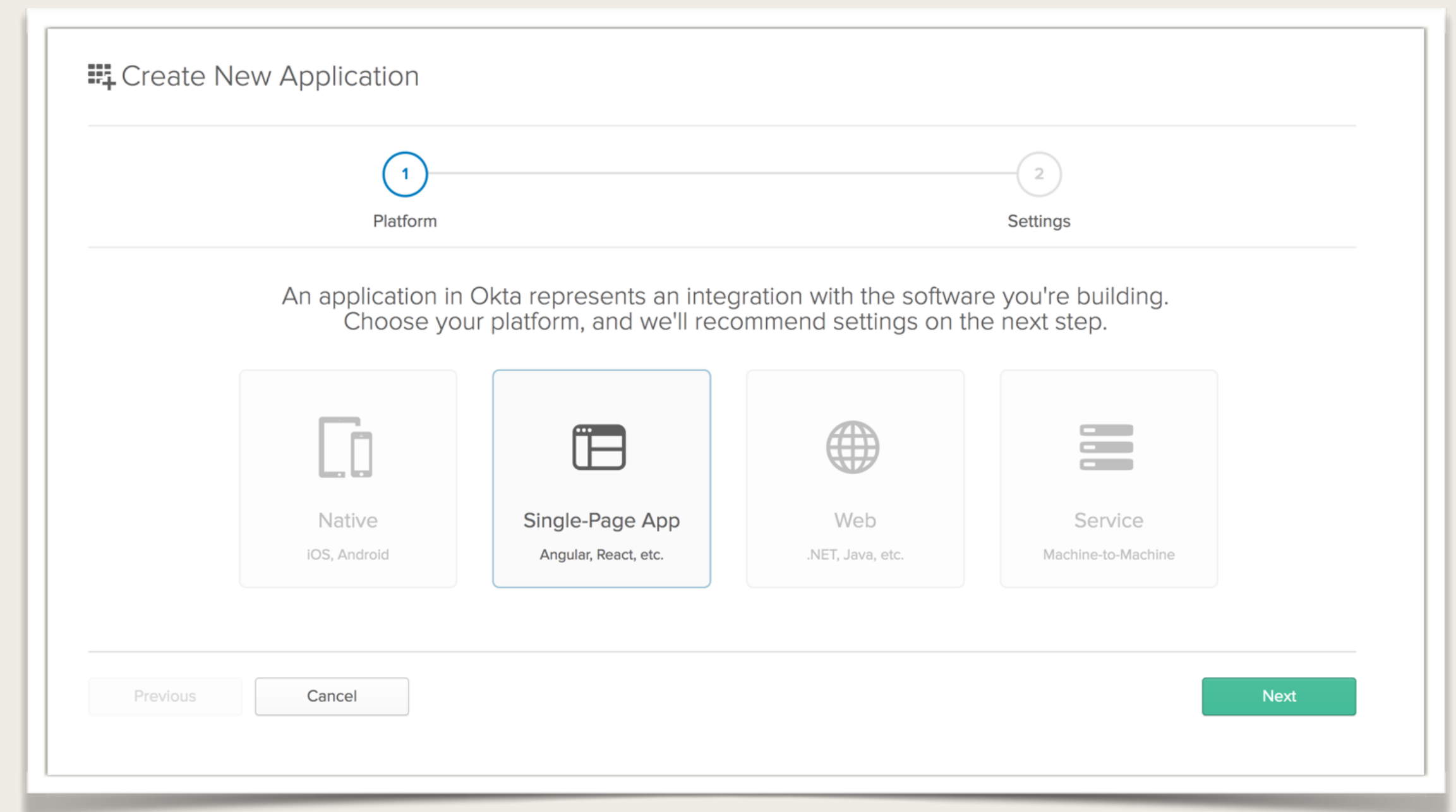
- Visit `http://developer.okta.com`
- Sign up for free account
- Check your email to verify your account

Free Developer Account

- No credit card required
- Supports 1,000 users

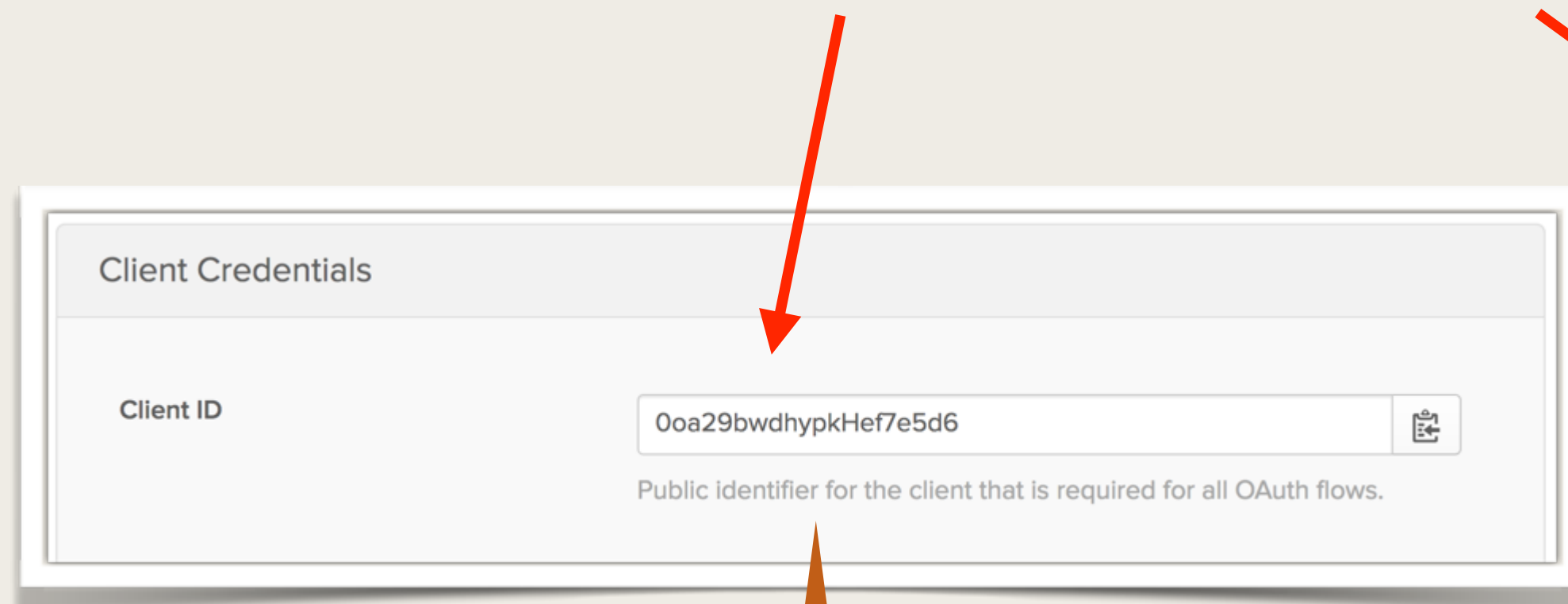
Step 2: Add OpenID Connect client app in Okta

- In your Okta Developer Account
- Create a new application
- Select option for **Single-Page App**
- *Other details covered in later video*

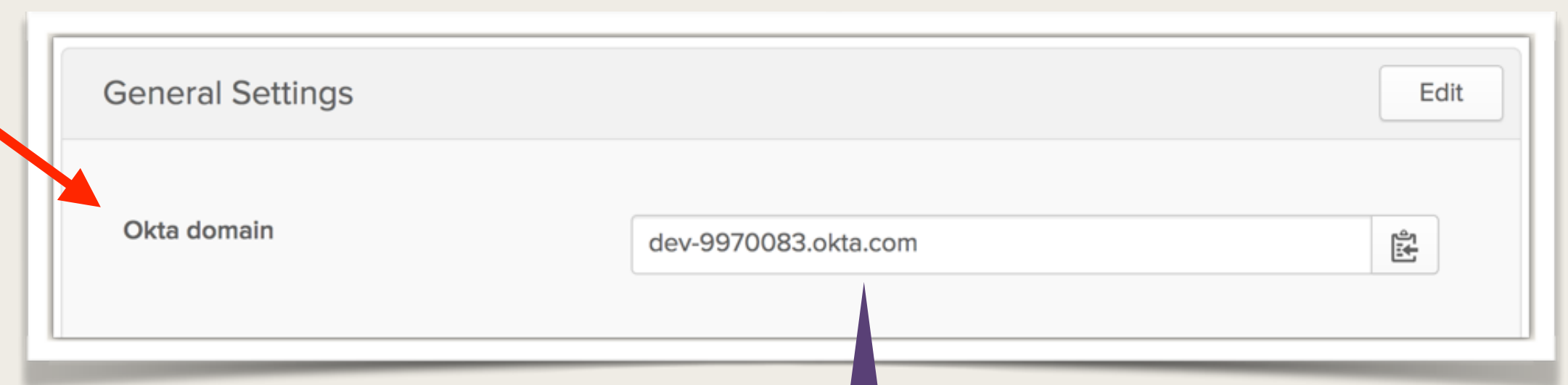


Step 3: Set up app configuration for OpenID Connect

- To connect with Okta, need to provide configs
- Need the **clientId** and **issuer** ... available on Okta application details screen



public identifier of the client app



Issuer of tokens

`https://${yourOktaDomain}/oauth2/default`

Step 3: Set up app configuration for OpenID Connect

File: my-app-config.ts

```
export default {  
  
  oidc: {  
    clientId: '0oa2agnuINvI7JykI5d6',  
    issuer: 'https://dev-5389590.okta.com/oauth2/default',  
    redirectUri: 'http://localhost:4200/login/callback',  
    scopes: ['openid', 'profile', 'email'],  
  },  
  
}
```


Step 4: Install Okta SDK dependencies

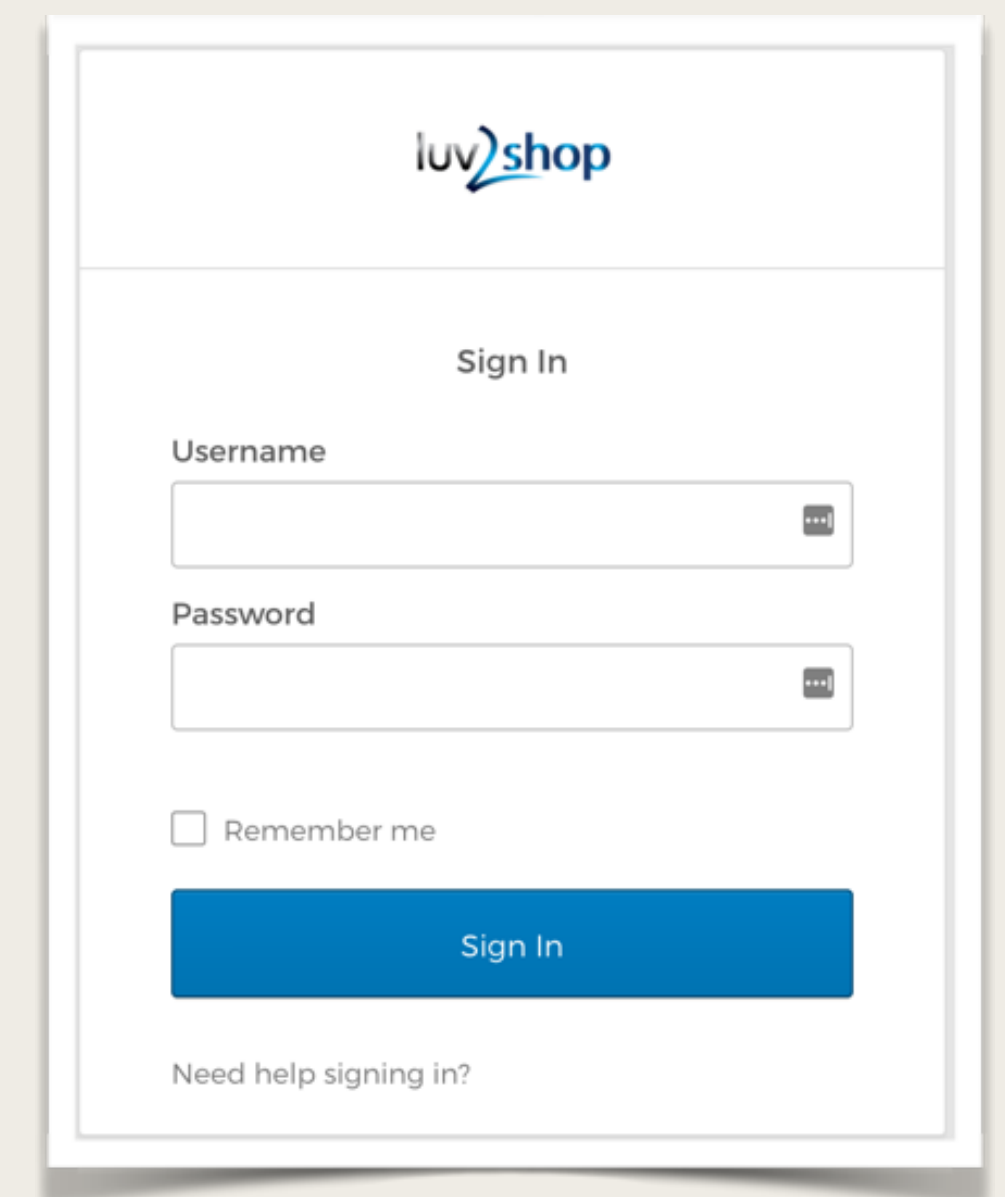
- We will use two Okta SDK dependencies

**Okta Sign-In
Widget**

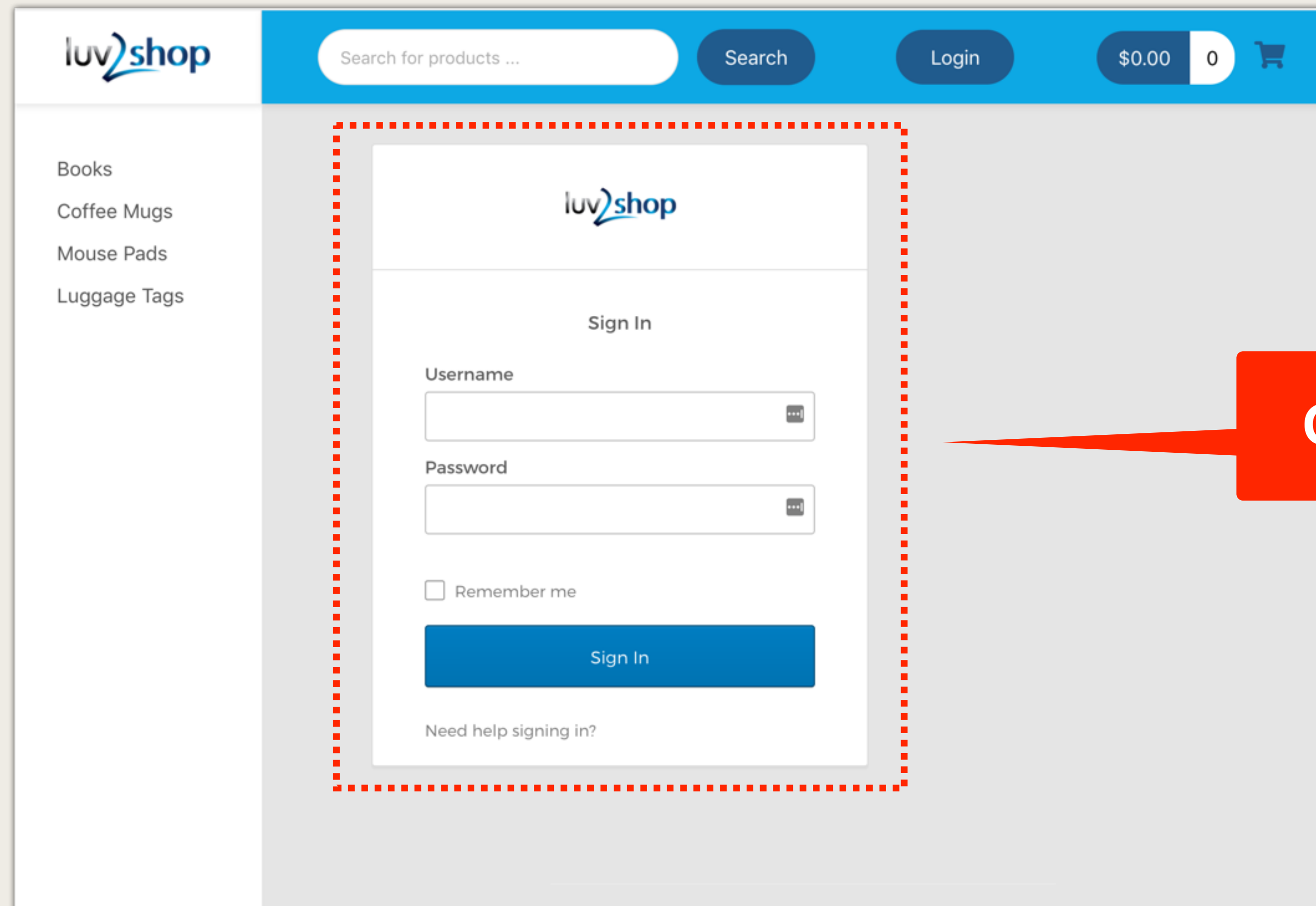
**Okta Angular
SDK**

Step 4: Install Okta SDK dependencies

- **Okta Sign-In Widget** is a JavaScript library for application login
- You don't have to create the HTML ... just integrate the widget into your application
- Customizable ... use your own logo, field names and custom fields



Step 4: Install Okta SDK dependencies



Okta Sign-In Widget

Step 4: Install Okta SDK dependencies

- **Okta Angular SDK** provides integration with Angular Router for authentication and authorization
- Core Features
 - Login/logout from Okta using OAuth 2.0 API
 - Retrieve user information and determine authentication status
- Additional Features
 - Add protected routes that require authentication
 - Subscribe to changes in authentication state

Step 4: Install Okta SDK dependencies

Okta Sign-In Widget

```
$ npm install @okta/okta-signin-widget
```

```
$ npm install @okta/okta-angular
```

Okta Angular SDK