KFC Single Sign-On Portal
Automated Application Synchronization
User Manual
CECS 491B, Sec 11
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Krystal Leon
013986607

Revision History

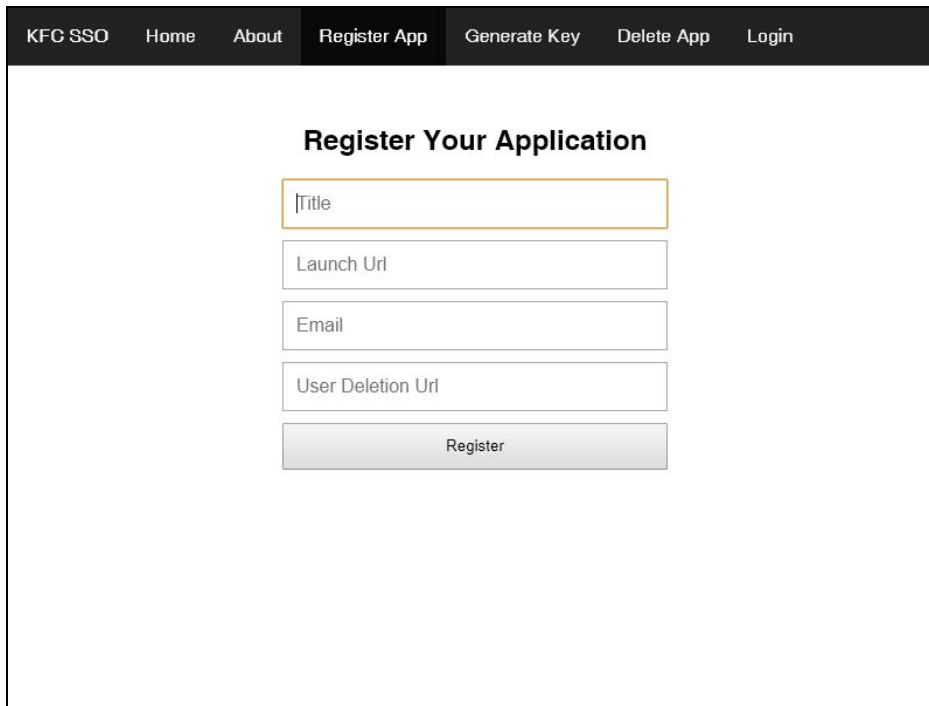| Date	Version	Description
3/11/19	1.0	First draft.

Table of Contents

1. Introduction

This document is made to assist a user in implementing the functionalities of the automated application synchronization feature of the KFC Single-Sign-On application portal. This feature includes the functionalities for individual applications to register to the portal, publish themselves into the portal, request a new API key, and delete themselves from the portal.

2. Registering an Application

Registering an application means that the application will have the ability to publish themselves through the portal. Registered users who are logged into the portal will be able to see the application displayed and have direct access to the application from the portal.
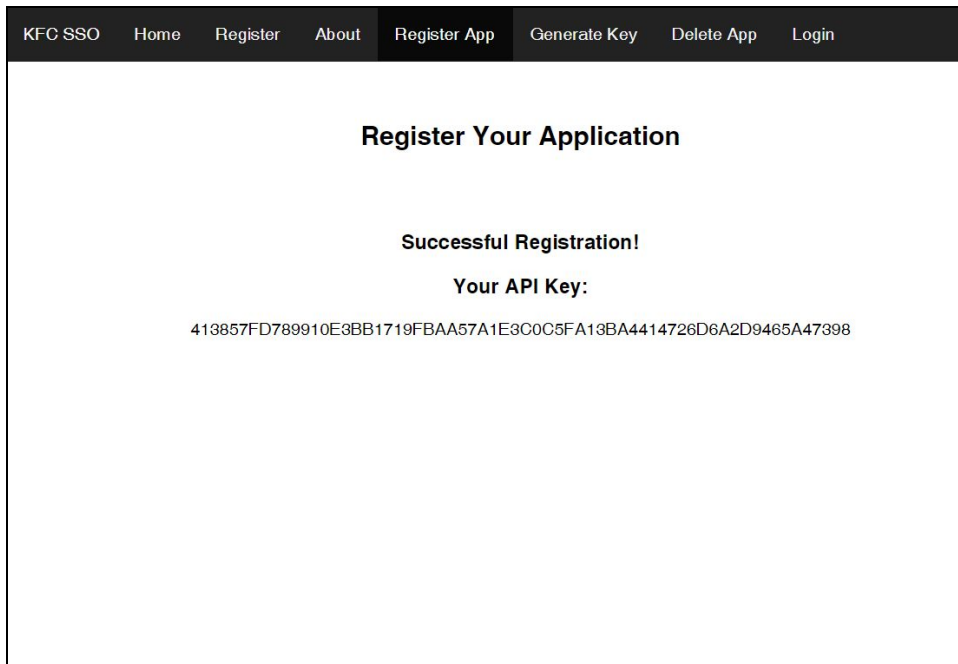
2.1 How to Register an Application

1. Navigate to the KFC SSO homepage with '/add' directory.

2. Input text into all the displayed fields.
    a. **Title**: Title of the application
        i. Must be no longer than 100 characters.
        ii. Example: "My Application"
    b. **Launch Url**: The url routing to the application.
        i. Example: "https://myapplication.com"
    c. **Email**: A contact email.
        i. Example: "example@email.com"
    d. **User Deletion Url**: The url to route requests to delete users from the application.
        i. Example: "https://myapplication.com/delete"
3. Click the 'Register' button.
4. If all your inputs are valid, you will receive an API key which can be used to publish the application to the SSO portal.

| KFC SSO | Home | Register | About | Register App | Generate Key | Delete App | Login |

Register Your Application

Successful Registration!
Your API Key:

413857FD789910E3BB1719FBAA57A1E3C0C5FA13BA4414726D6A2D9465A47398

3. Publishing an Application

Only registered applications have the ability to publish themselves to KFC SSO Portal. Using a single-use API key, applications are able to automatically update their logo and description within the portal.

3.1 How to Publish an Application

1. Send an HTTP POST request to KFC SSO Web Api with the route '/api/applications/publish' in JSON format.
2. {

     key: '',
     title: '',
     description: '',
     logoUrl: ''
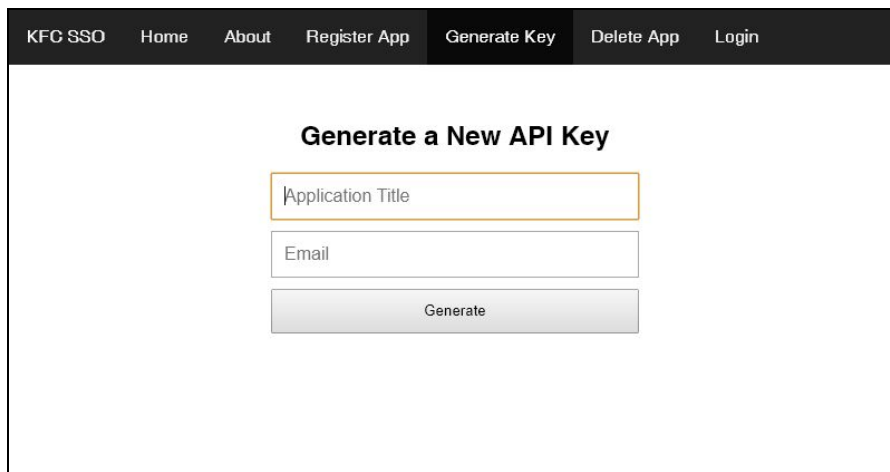
   }
   a. **key**: API key given at registration or given after requesting a new key.
   b. **title**: Application title.
      i. Must be identical to title used at registration.
   c. **description**: Description of application.
      i. Must be no longer than 2000 characters.
   d. **logoUrl**: Image address.
      i. Must be .PNG file extension.
      ii. Must be no larger than 55x55 pixels.
3. If your request was successful, you will receive an HTTP response of status code 200 and a message that reads, "Published to KFC SSO".

4. Request a New API Key

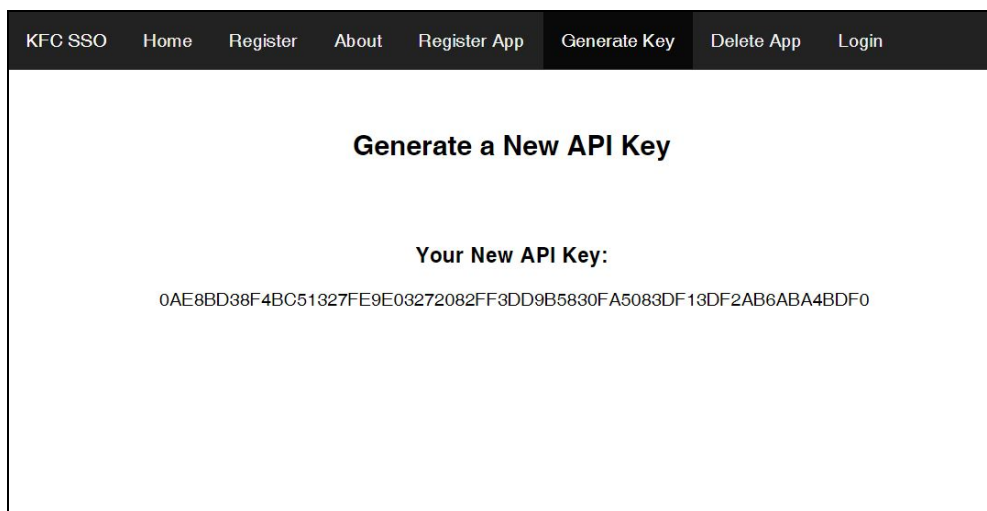If a registered application owner forgets their API Key, a new one can be generated from the SSO portal.

4.1 How to Request a New API Key

1. Navigate to the KFC SSO homepage with '/generateky' directory.

2. Input text into all the displayed fields.
   a. **Title**: Title of the application
      i. Must be identical to title used at registration.
   b. **Email**: A contact email.
      i. Must be identical to email used at registration.
3. Click the 'Generate' Button.
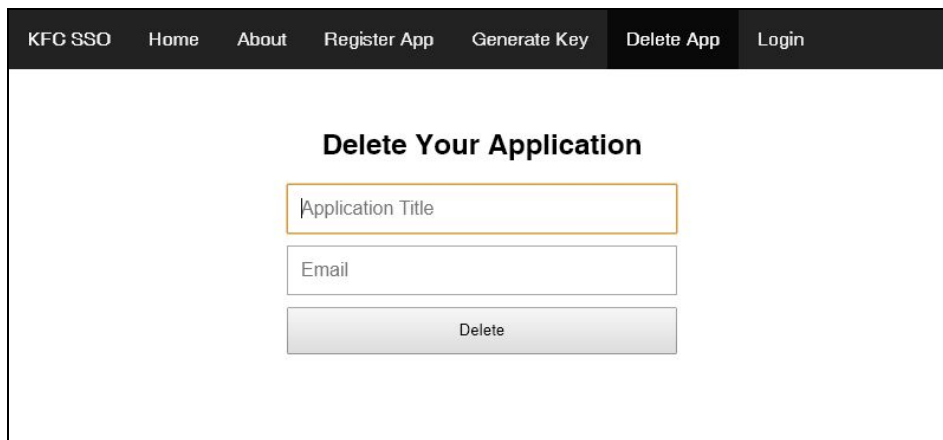4. If your application credentials were valid, you will receive a new API Key.

5. Delete an Application

If you no longer want you application to be displayed in the portal, you have the option to remove it.

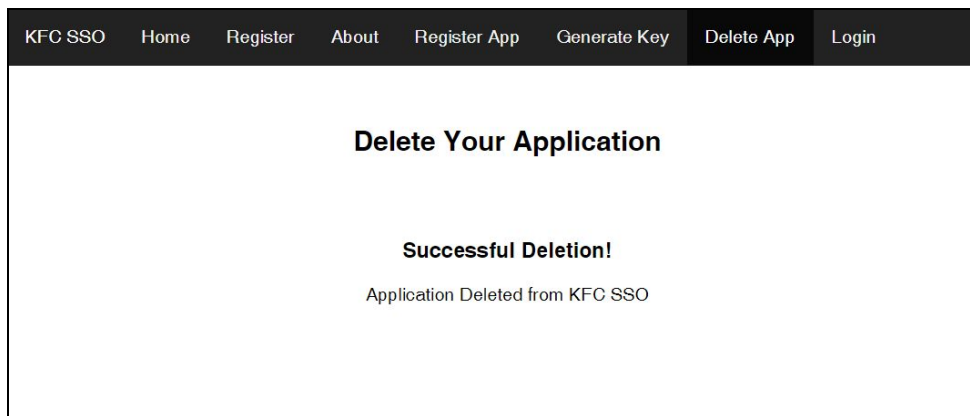## 5.1 How to Delete an Application

1. Navigate to the KFC SSO homepage with '/delete' directory.

KFC SSO	Home	About	Register App	Generate Key	Delete App	Login

Delete Your Application

```
Application Title
```
```
Email
```
```
Delete
```

2. Input text into all the displayed fields.
   a. **Title**: Title of the application
      i. Must be identical to title used at registration.
   b. **Email**: A contact email.
      i. Must be identical to email used at registration.
3. Click the 'Delete' Button.
4. If your application credentials were valid, you will see a message indicating the deletion was successful.

KFC SSO	Home	Register	About	Register App	Generate Key	Delete App	Login

Delete Your Application

Successful Deletion!

Application Deleted from KFC SSO