

# KFC Single Sign-On Portal

Automated Application Synchronization

User Manual

CECS 491B, Sec 11

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# Revision History

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

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# 1. Introduction

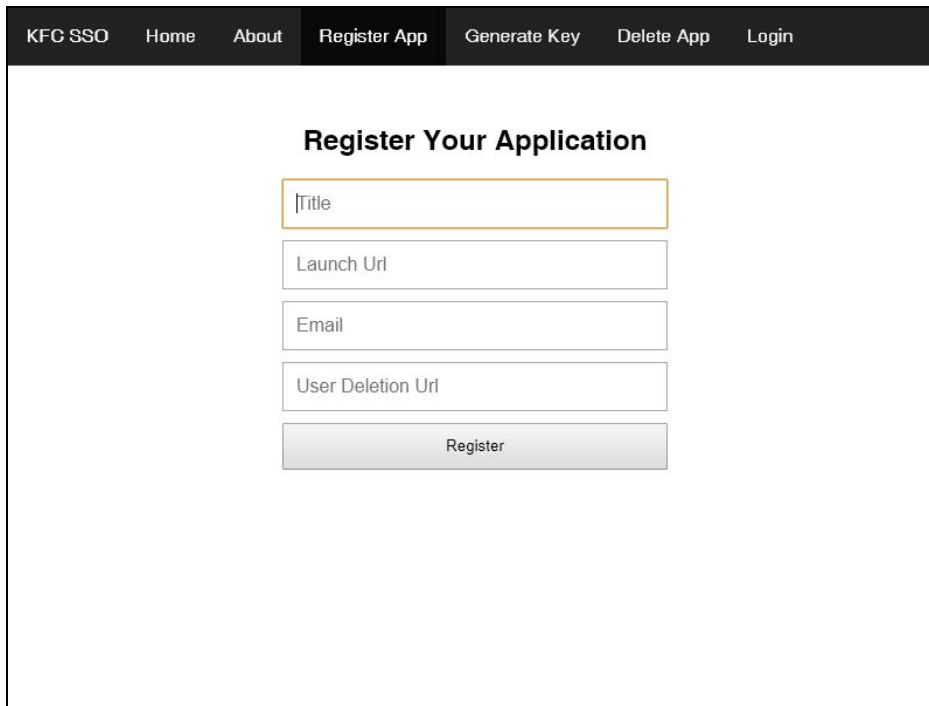
This document is made to assist a user in implementing the functionalities of the automated application synchronization feature of the KFC Single-Sign-On application portal. This feature includes the functionalities for individual applications to register to the portal, publish themselves into the portal,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

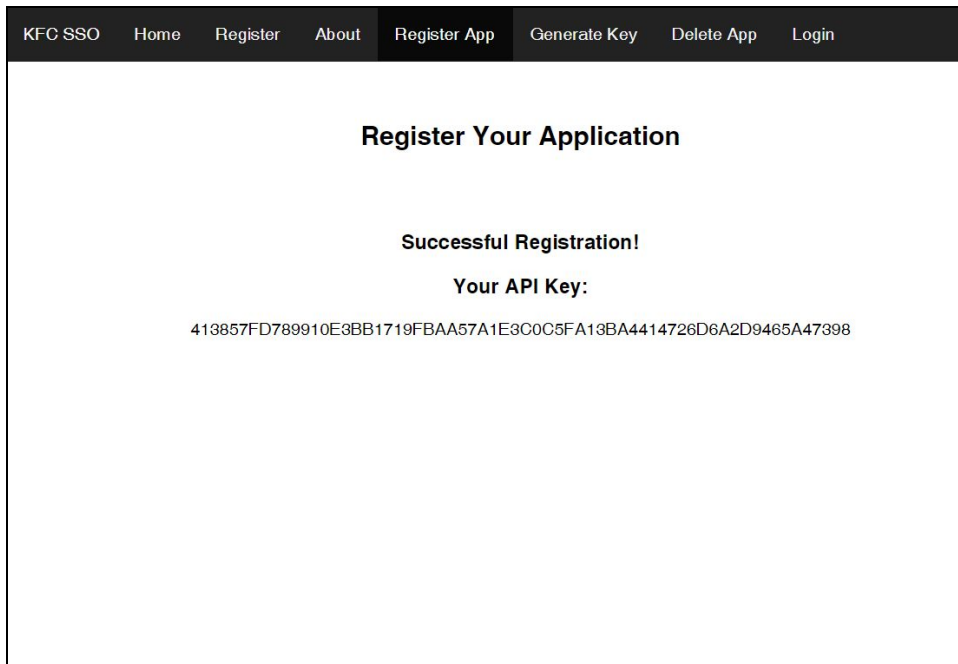
1. Navigate to the KFC SSO homepage with ‘/add’ directory.



The screenshot shows the 'Register Your Application' form within the KFC SSO portal. The navigation bar at the top includes links for KFC SSO, Home, About, Register App (which is highlighted), Generate Key, Delete App, and Login. The form itself is titled 'Register Your Application' and contains five input fields: 'Title', 'Launch Url', 'Email', and 'User Deletion Url'. Below these fields is a 'Register' button.

KFC SSO	Home	About	Register App	Generate Key	Delete App	Login
<b>Register Your Application</b>						
<input type="text" value="Title"/>						
<input type="text" value="Launch Url"/>						
<input type="text" value="Email"/>						
<input type="text" value="User Deletion Url"/>						
<input type="button" value="Register"/>						

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.



## 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: ‘’  
}
```

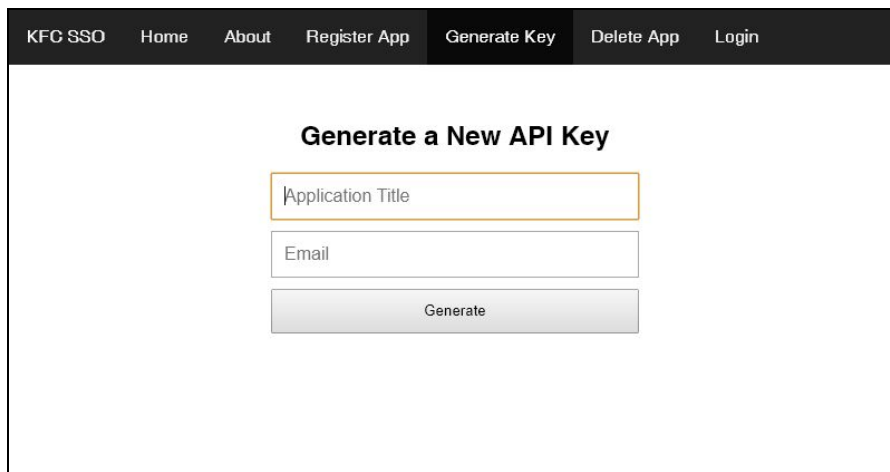
  - a. **key**: API key given at registration or given after requesting a new key.
  - b. **title**: Application title.
    - i. Must be identical to title used at registration.
  - c. **description**: Description of application.
    - i. Must be no longer than 2000 characters.
  - d. **logoUrl**: Image 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.

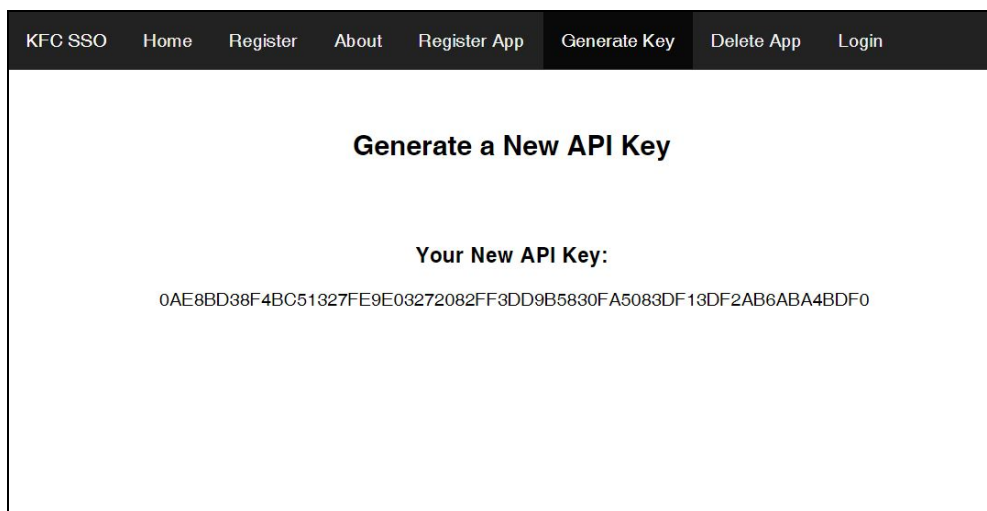
### 4.1 How to Request a New API Key

1. Navigate to the KFC SSO homepage with ‘/generatekey’ directory.



The screenshot shows the 'Generate a New API Key' page. At the top is a dark navigation bar with links: KFC SSO, Home, About, Register App, Generate Key (highlighted), Delete App, and Login. The main content area has the title 'Generate a New API Key' and three input fields: 'Application Title' (highlighted with an orange border), 'Email', and a 'Generate' button.

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.



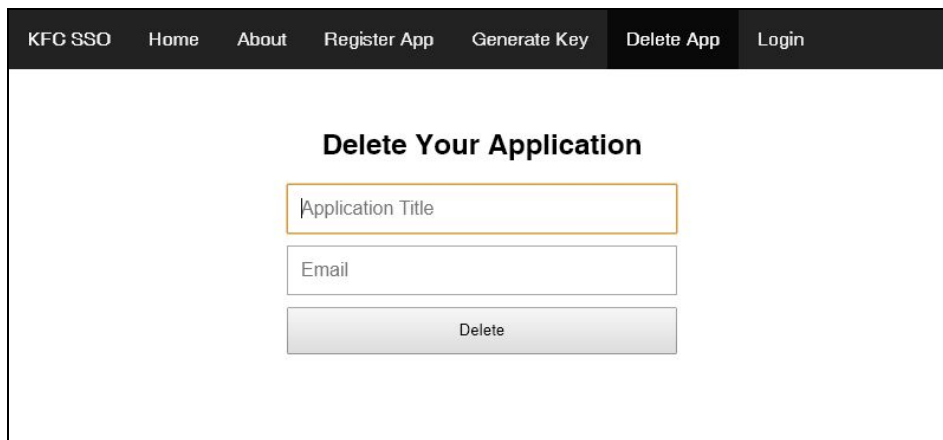
The screenshot shows the 'Generate a New API Key' page after successful generation. The navigation bar is the same, but the 'Generate Key' link is no longer highlighted. The main content area displays 'Your New API Key:' followed by the key: 0AE8BD38F4BC51327FE9E03272082FF3DD9B5830FA5083DF13DF2AB6ABA4BDF0.

## 5. Delete an Application

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

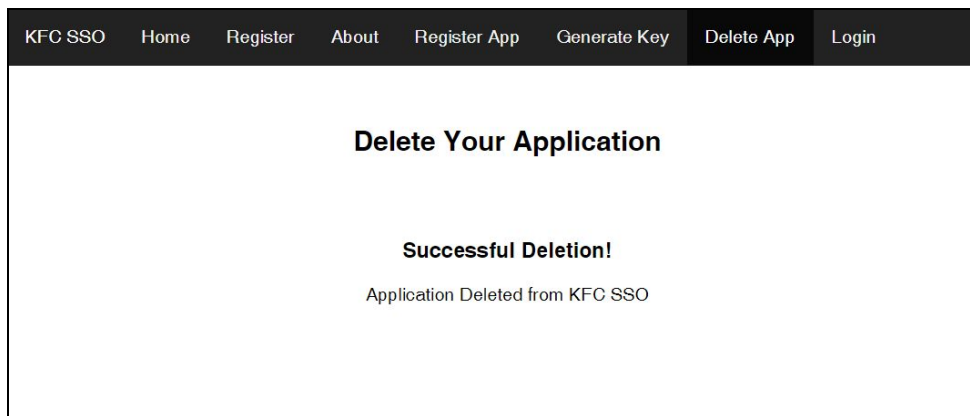
### 5.1 How to Delete an Application

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



The screenshot shows a web application interface with a dark navigation bar at the top containing links: KFC SSO, Home, About, Register App, Generate Key, Delete App (highlighted), and Login. The main content area is white and titled 'Delete Your Application'. Below the title are three input fields: 'Application Title' (with a yellow border), 'Email', and a 'Delete' button.

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.



The screenshot shows the same web application interface after a successful deletion. The navigation bar is identical. The main content area is white and titled 'Delete Your Application'. Below the title, the text 'Successful Deletion!' is displayed in bold, followed by 'Application Deleted from KFC SSO' in a smaller font.