

KFC Single Sign-On Portal

Automated Application Synchronization

User Manual

CECS 491B, Sec 11

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Revision History

Date	Version	Description
4/17/19	1.0	First draft.

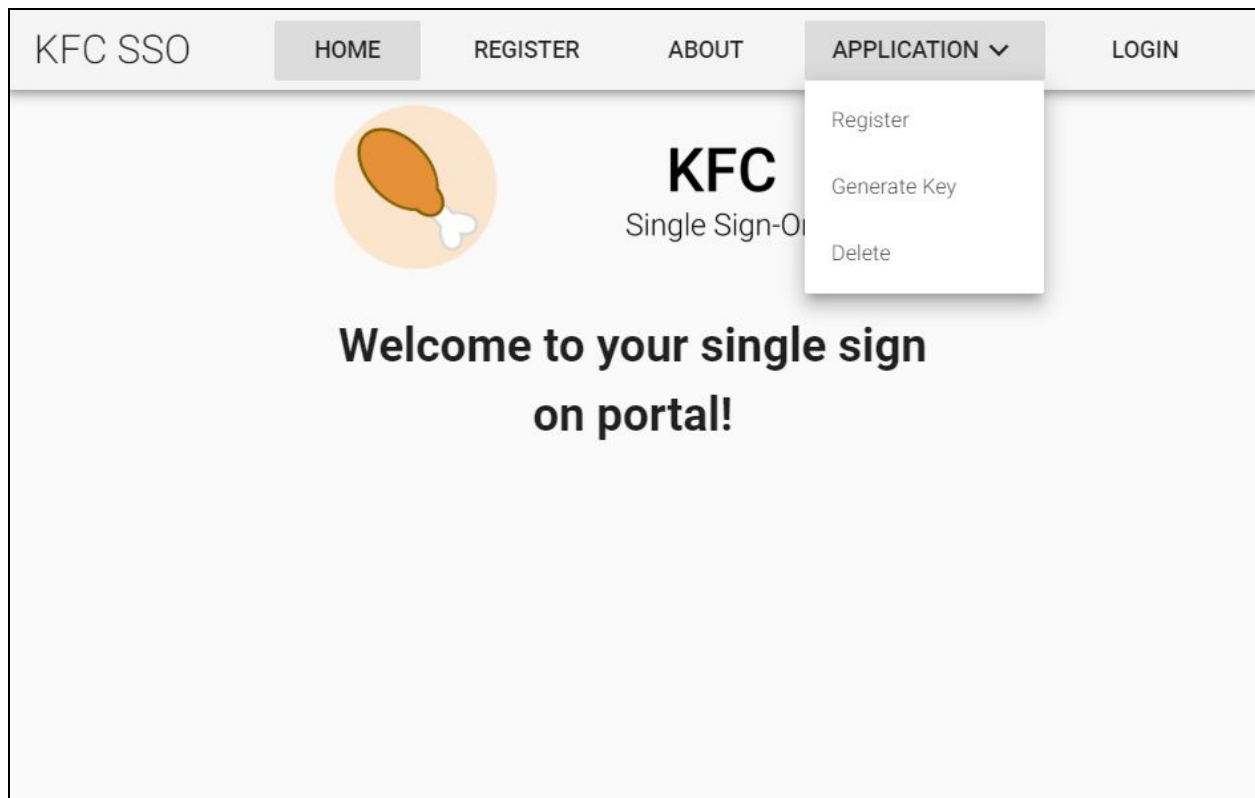
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1. Introduction

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.

To access the KFC SSO homepage, navigate to <https://kfc-ssso.com>. In the navigation bar, click on 'Application' to access a drop-down menu to auto app functionalities.

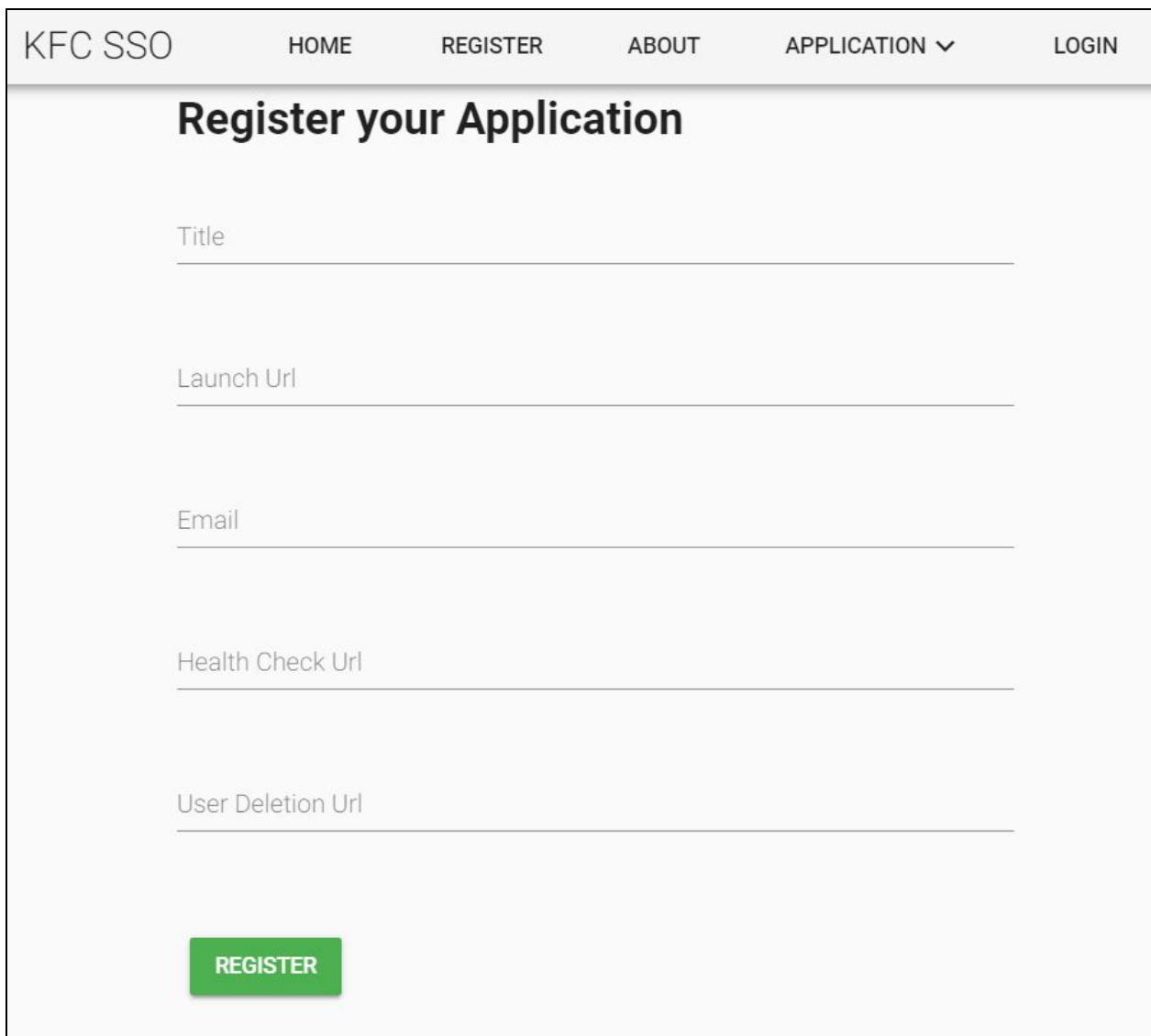


2. Registering an Application

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 launch access to the application from the portal.

2.1 How to Register an Application

1. Click on 'Register' in the Application dropdown menu, or navigate to <https://kfc-ssso.com/#/add>



The screenshot shows a web interface for registering an application. At the top is a navigation bar with the following items: 'KFC SSO', 'HOME', 'REGISTER', 'ABOUT', 'APPLICATION' with a dropdown arrow, and 'LOGIN'. Below the navigation bar is a section titled 'Register your Application'. This section contains five text input fields, each with a label to its left: 'Title', 'Launch Url', 'Email', 'Health Check Url', and 'User Deletion Url'. At the bottom of this section is a green button with the text 'REGISTER' in white capital letters.

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 address.
 - i. Example: “example@email.com”
 - d. **Health Check Url:** The url route for SSO to check the running status of the application.
 - i. Example: “https://myapplication.com/health”
 - e. **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, the shared secret key between SSO and the application, and the ID of the newly registered application.

KFC SSO

HOMEREGISTERABOUTAPPLICATION ▾LOGIN

Register your Application

Successful Registration! An email has also been sent containing the following information.

Your Application ID
02ad65a5-b4b4-4f6c-abdf-2c8ffe77daef

Your API Key:
0902CFC52BD3140FDBFEDA8C18FA135D23312CA19D33AE0FF1E9CFC1E84C2F37

Your Secret Key
83BBDD51E41454D40D8DB833F8E423A6A4F9449BB27C34F7B0DE8124866775CB

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 'https://api.kfc-ss.com/api/applications/publish' in JSON format.
2.

```
{  
    key: <string>,  
    title: <string>,  
    description: <string>,  
    logoUrl: <string>,  
    underMaintenance: <bool>  
}
```

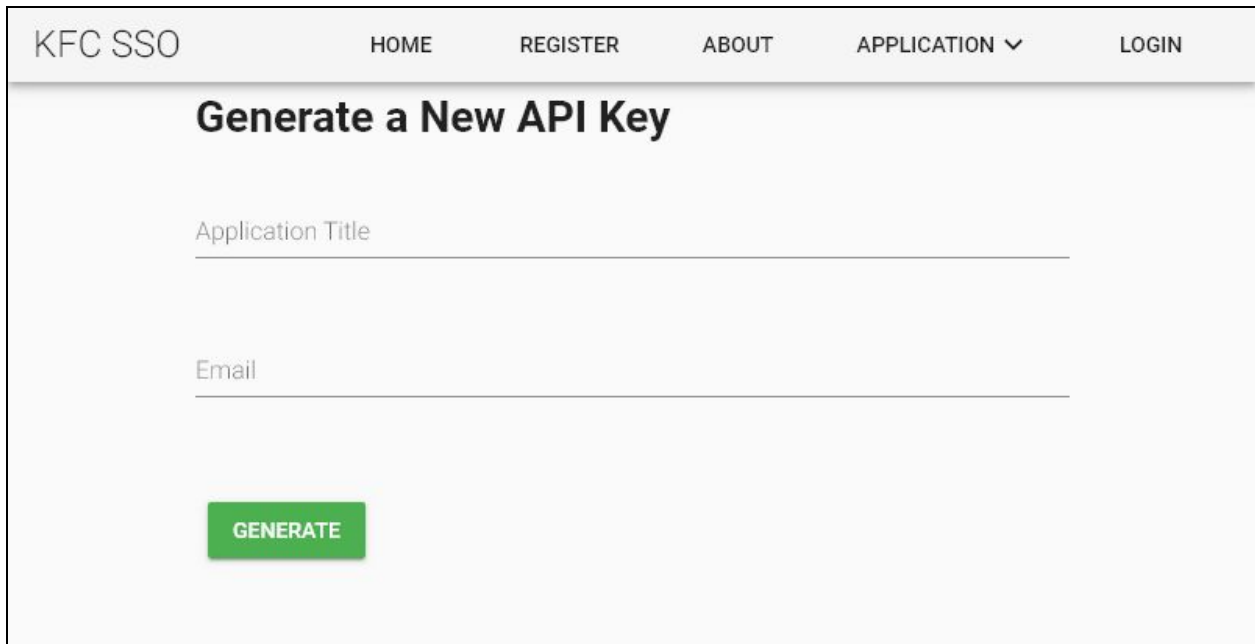
 - a. **key**: API key given at registration or given after requesting a new key.
 - b. **title**: Application title.
 - i. Must be identical to title used at registration.
 - c. **description**: Description of application.
 - i. Must be no longer than 2000 characters.
 - d. **logoUrl**: Image address.
 - i. Must be .PNG file extension.
 - ii. Must be no larger than 55x55 pixels.
 - e. **underMaintenance**: Whether or not your application is under maintenance.
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. Click on 'Generate Key' under the Application dropdown menu, or navigate to <https://kfc-ssso.com/#/key>



The screenshot shows the 'Generate a New API Key' page in the KFC SSO portal. The page has a header with the KFC SSO logo and navigation links: HOME, REGISTER, ABOUT, APPLICATION (with a dropdown arrow), and LOGIN. The main heading is 'Generate a New API Key'. Below the heading are two input fields: 'Application Title' and 'Email'. At the bottom of the form is a green button labeled 'GENERATE'.

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.

KFC SSO

HOMEREGISTERABOUTAPPLICATION ▾LOGIN

Generate a New API Key

Successful Key Generation! An email has been sent containing your new API Key.

Your New API Key:
FBF387439EB143CB444810B0FCCEF595F33200ED695131699A48C3A04FB8966E

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. Click on 'Delete' under the Application dropdown menu, or navigate to <https://kfc-sso.com/#/delete>

KFC SSO

HOMEREGISTERABOUTAPPLICATION ▾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.

