

U.S. Department of Transportation Federal Aviation Administration

FAA API Portal External User Manual Version 1.0



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Revision History

Version	Description	Date
1.0	Initial version	03/15/2022

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1. Purpose

The purpose of this document is to provide a detailed description of the process of creating an account and registering to the FAA API portal. The target audience of the document is non-FAA employees and non-FAA contractors (referred to as “**External Users**”).

2. Description

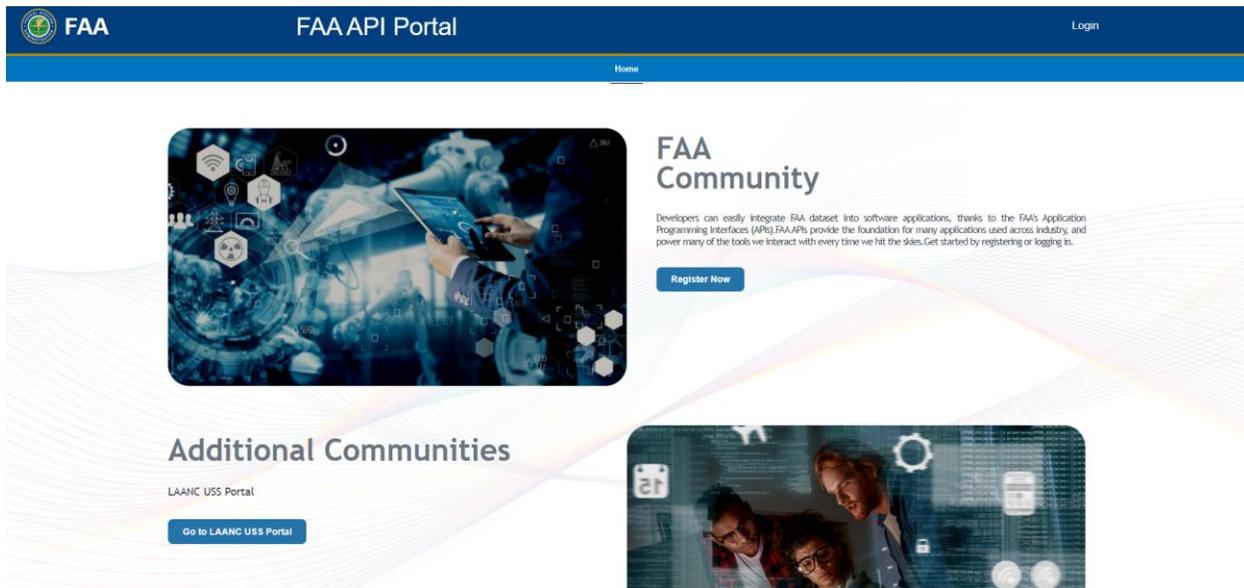
The document provides a guidance for external users to obtain access to the FAA API portal, to log in to it, to browse the repository of the Application Programming Interfaces (APIs) specifications developed and exposed thru this portal. The external users will be able to visualize the available API specification to its entirety, and optionally to download it for perspective consumption and use.

3. Registration and Login Process

The following step-by-step guidance describes the process for registering to the LAANC USS Community on the FAA API Portal.

3.1. Step 1 – Landing page

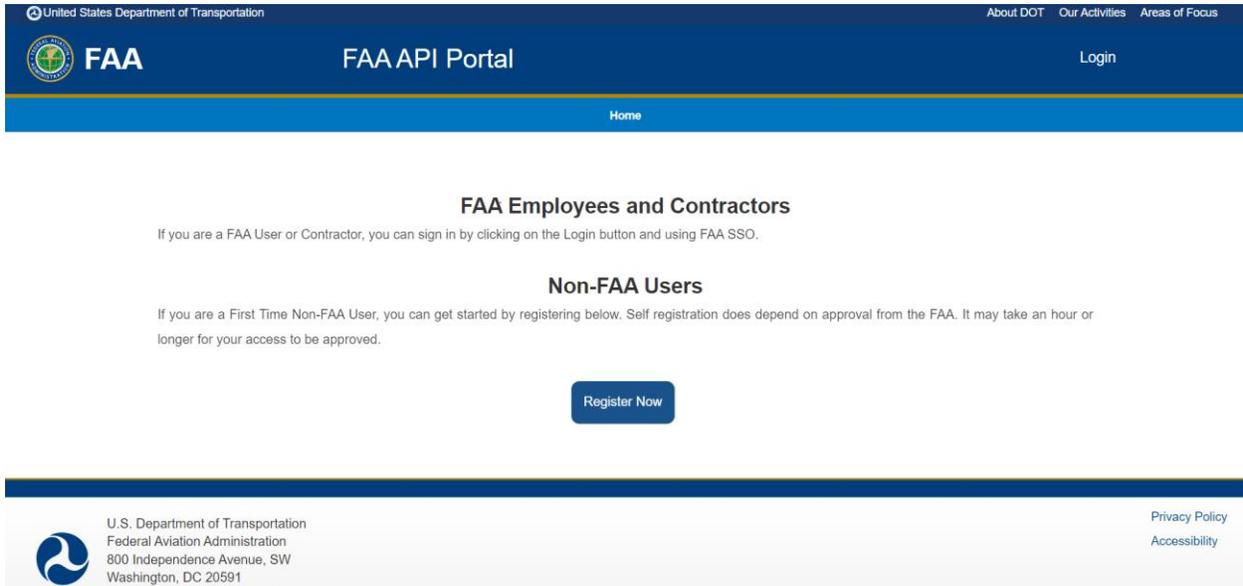
Upon entering <https://api.faa.gov> and arriving at the following landing page:



This page serves two purposes:

- 1) To provide a path for registering a new account

The external user with no account has to click on “Register Now” button to go over the self-registration process. Immediately the external user will get the “Non-FAA First Time Users” page.



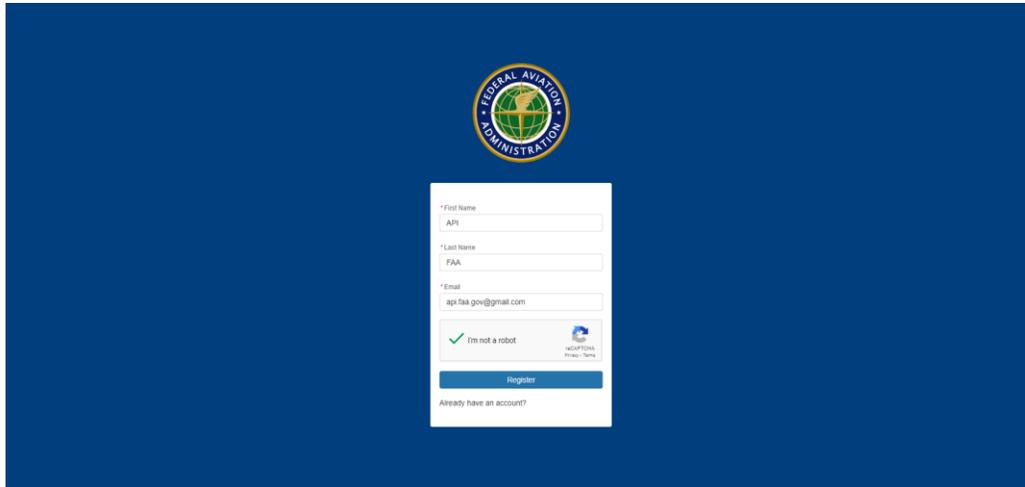
To register to the portal, an external user should click on the “**Register Now**” button located on the middle of the page

- 2) To provide a link to Login page for existing accounts.

The external users with existing accounts click on “[Already have an account?](#)” link at the bottom of the page to get to Login page (at this point they can skip next steps and go directly to Step 6 of the process).

3.2. Step 2 – Registration page

The external user will be navigated to the registration page as shown below.



This page serves two purposes:

- 3) To provide the registration form for new accounts (it contains mandatory fields that the external user should provide as a part of registration process.

Mandatory fields:

1. First Name
2. Last Name
3. Email that will be used as “Username” during the step of logging to the API Portal

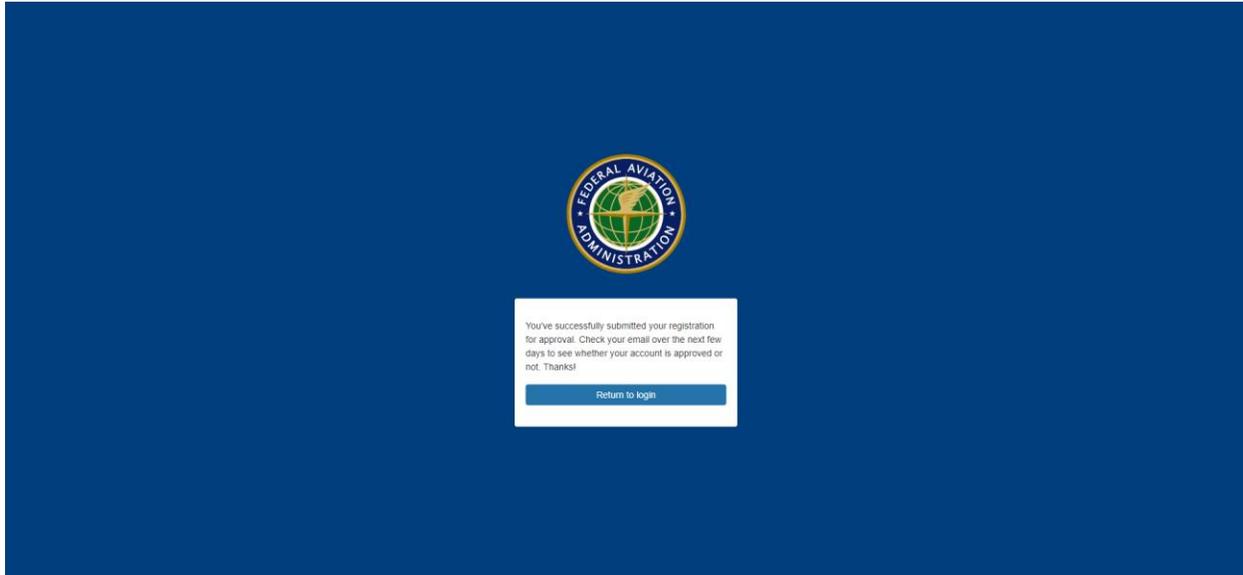
Once all this fields are filled and then click on the check box for “I’m not a Robot” captcha and then click on “**Register**” Button.

- 4) To provide a link to Login page for existing accounts.

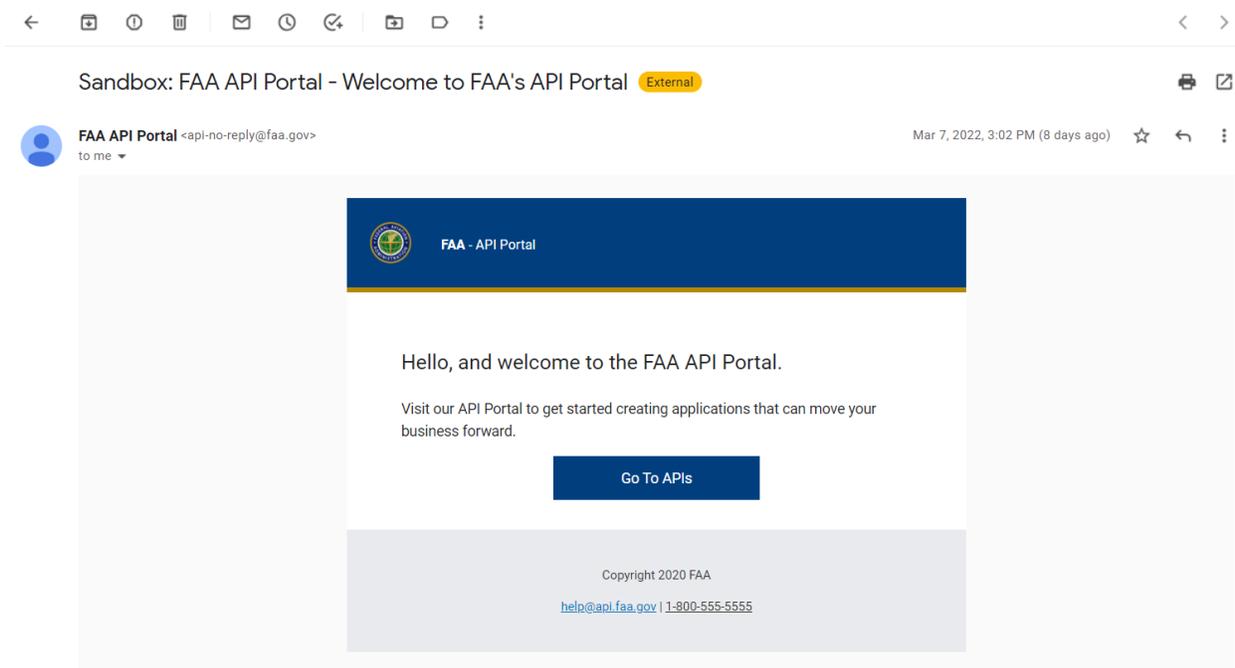
The external users with existing accounts click on “[Already have an account?](#)” link at the bottom of the page to get to Login page (at this point they can skip next steps and go directly to Step 6 of the process).

3.3. Step 3 - Registration acknowledgement page

Once the user clicks on the Register button, user will see a message which is shown below.



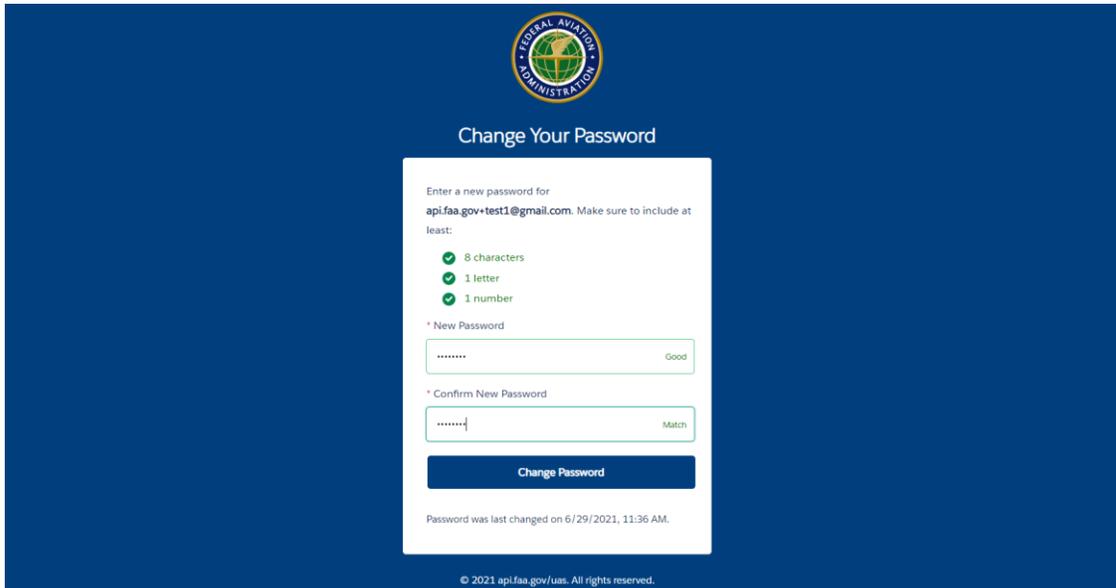
As the FAA Portal has the self-registration Process, Once registered the external user will be notified by email (used during the registration) with the following content:



Now the external user can click on “Go To APIs” button in email text to be directed to the login page where the external user is requested to create a password that will be used later for the user to login to the FAA Community.

3.4. Step 4 – Change Password page

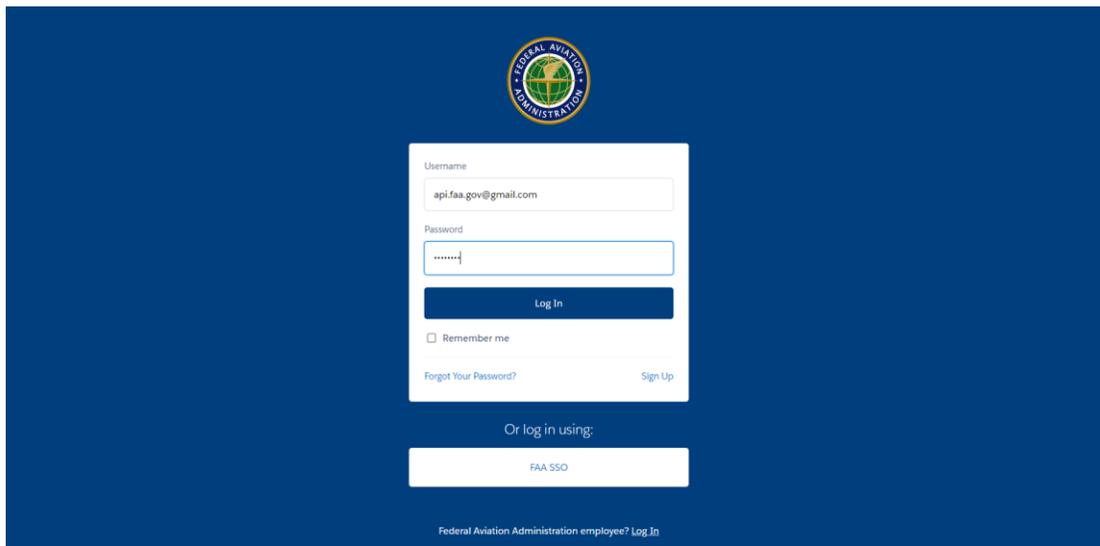
Upon receiving the following “Change Your Password” page:



The screenshot shows a 'Change Your Password' page for the user 'api.faa.gov+test1@gmail.com'. The page features the FAA logo at the top. Below the title, there are instructions to enter a new password and a list of requirements: 8 characters, 1 letter, and 1 number. All three requirements are marked with green checkmarks. There are two input fields: one for the 'New Password' and one for the 'Confirm New Password'. The 'New Password' field shows a 'Good' status, and the 'Confirm New Password' field shows a 'Match' status. A blue 'Change Password' button is located below the input fields. At the bottom of the form, it states 'Password was last changed on 6/29/2021, 11:36 AM.' and a copyright notice '© 2021 api.faa.gov/uas. All rights reserved.'

The external user provides and confirms a new password of choice, clicks on “Change Password” button and receives “Login” page.

3.5. Step 5 – Login page

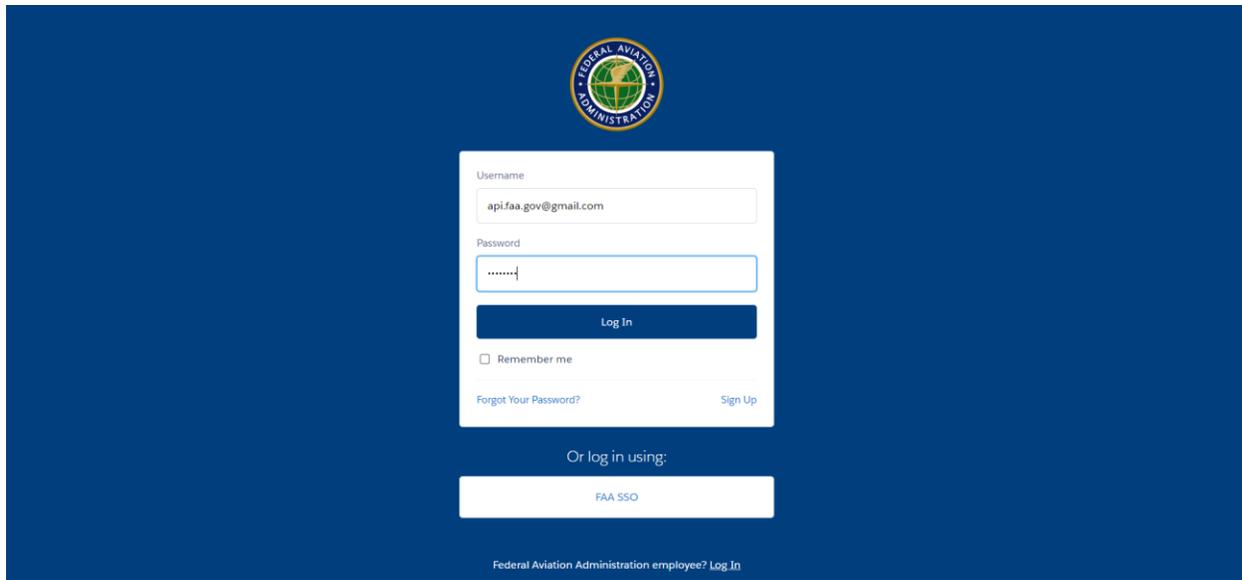


The screenshot shows a 'Login' page for the user 'api.faa.gov@gmail.com'. The page features the FAA logo at the top. Below the logo, there are input fields for 'Username' and 'Password'. The 'Username' field contains 'api.faa.gov@gmail.com' and the 'Password' field contains a masked password. A blue 'Log In' button is located below the input fields. Below the button, there is a checkbox for 'Remember me' which is currently unchecked. At the bottom of the form, there are links for 'Forgot Your Password?' and 'Sign Up'. Below the form, there is a section for 'Or log in using:' with a button for 'FAA SSO'. At the bottom of the page, there is a link for 'Federal Aviation Administration employees? Log In'.

Using the form on this page the external user can register to the LAANC USS API Portal by entering Username and Password

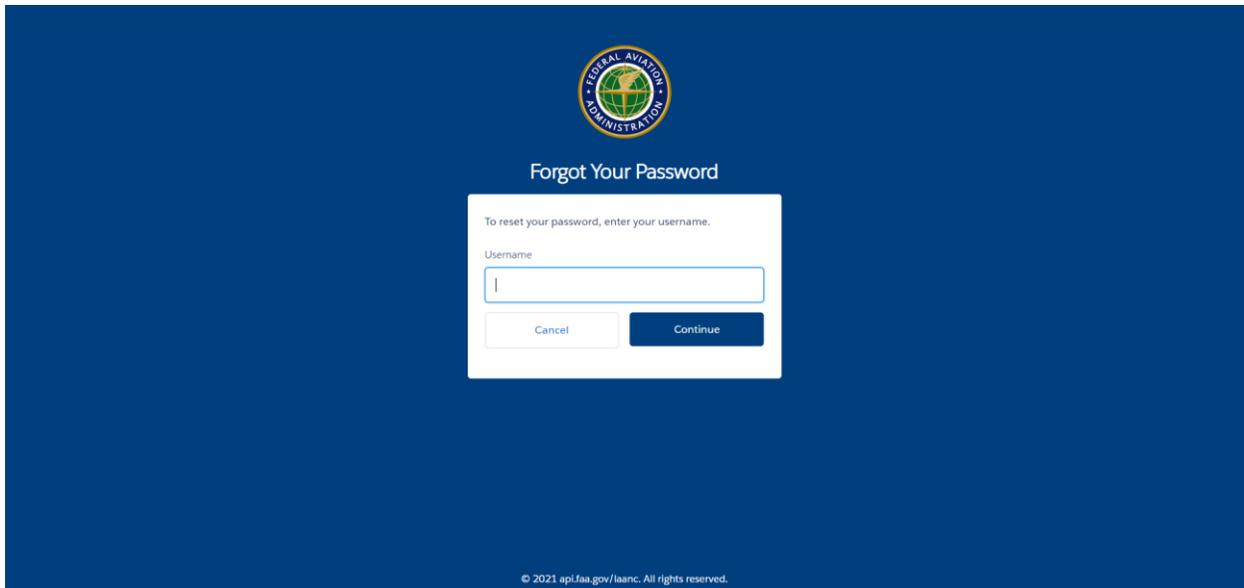
Note: FAA SSO login process is not available for the external users.

3.6. Step 6- Forgot Password page

The image shows a screenshot of the FAA login page. At the top center is the FAA logo. Below it is a white login form on a dark blue background. The form has two input fields: 'Username' with the value 'api.faa.gov@gmail.com' and 'Password' with masked characters. Below the password field is a dark blue 'Log In' button. Underneath the button is a checkbox labeled 'Remember me'. At the bottom of the form are two links: 'Forgot Your Password?' on the left and 'Sign Up' on the right. Below the form is a section titled 'Or log in using:' with a white button labeled 'FAA SSO'. At the very bottom of the page, there is a small link: 'Federal Aviation Administration employee? Log In'.

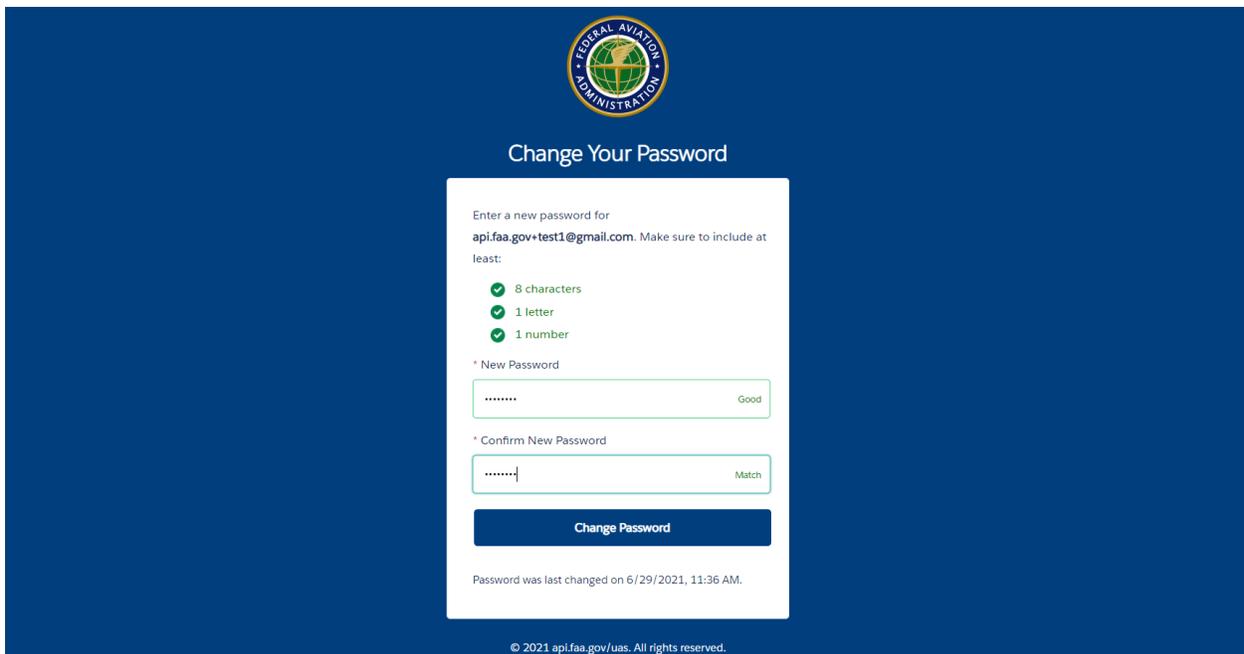
When an Existing external user does not remember his password he will be able to use this option and reset his password, when he clicks on the “Forgot Your Password” link that is located left bottom of the login form as shown above.

Then user will be redirected to the “Forgot your Password” page where user needs to provide the username associated to the account user trying to reset the password.



Upon Submission the user will receive an email to the username provided with the password reset link.

User upon clicking on that link he will be navigated to change password page where he will be able to create a new password and click on change password button.



Once the password is reset he will be able to use the login page and access the account

4. Discover APIs Process

Upon successful authentication, the external user will get to this page with a Landing page Click on Discover Our APIs to view APIs that are currently published on FAA Community portal.