App Registration Design

Table of Contents

- 1 Table of Contents
- 2 Scope
- 3 Reference Materials and Documents
- 4 Functional Design
 - 4.1 Navigation Overview
 - 4.2 Actors or Personas Involved
- 5 System Pages or Components
 - 5.1 CMS Interoperability Home
 - 5.1.1 CMS Interoperability Home Page
 - 5.1.1.1 Data Elements Involved
 - 5.1.1.2 Action Involved
 - 5.1.1.3 Component-Specific Non-Functional Requirements
 - 5.1.1.4 Constraints or Limitations
 - 5.1.2 App Owner Landing Page
 - 5.1.2.1 Diagram or Screen Design
 - 5.1.2.2 Data Elements Involved
 - 5.1.2.3 Action Involved
 - 5.1.2.4 Component-Specific Non-Functional Requirements
 - 5.1.2.5 Constraints or Limitations
 - 5.1.3 Developer/Admin Log On
 - 5.1.3.1 Diagram or Screen Design
 - 5.1.3.2 Data Elements Involved
 - 5.1.3.3 Action Involved
 - 5.1.3.4 Component-Specific Non-Functional Requirements
 - 5.1.3.5 Constraints or Limitations
 5.1.4 Organization Registration Page Step 1
 - 5.1.4.1 Diagram or Screen Design
 - 5.1.4.2 Data Elements Involved
 - 5.1.4.3 Action Involved
 - 5.1.4.4 Component-Specific Non-Functional Requirements
 - 5.1.4.5 Constraints or Limitations
 - 5.1.5 Primary Administrator Identification Step 2
 - 5.1.5.1 Diagram or Screen Design
 - 5.1.5.2 Data Elements Involved
 - 5.1.5.3 Action Involved
 - 5.1.5.4 Component-Specific Non-Functional Requirements
 - 5.1.5.5 Constraints or Limitations
 - 5.1.6 Organization Registration Page Step 3
 - 5.1.6.1 Diagram or Screen Design
 - 5.1.6.2 Data Elements Involved
 - 5.1.6.3 Action Involved
 - 5.1.6.4 Component-Specific Non-Functional Requirements
 - 5.1.6.5 Constraints or Limitations
 - 5.1.7 Insert Organization API
 - 5.1.7.1 Diagram or Screen Design
 - 5.1.7.2 Data Elements Involved
 - 5.1.7.3 Action Involved
 - 5.1.7.4 Component-Specific Non-Functional Requirements
 - 5.1.7.5 Constraints or Limitations
 - 5.1.8 Insert Developer API
 - 5.1.8.1 Diagram or Screen Design
 - 5.1.8.2 Data Elements Involved
 - 5.1.8.3 Action Involved
 - 5.1.8.4 Component-Specific Non-Functional Requirements
 - 5.1.8.5 Constraints or Limitations
 - 5.2 Application Owner
 - 5.2.1 API Landing Page
 - 5.2.1.1 Diagram or Screen Design
 - 5.2.1.2 Data Elements Involved
 - 5.2.1.3 Action Involved
 - 5.2.1.4 Component-Specific Non-Functional Requirements
 - 5.2.1.5 Constraints or Limitations
 - 5.2.2 Browse API Products
 - 5.2.2.1 Diagram or Screen Design
 - 5.2.2.2 Data Elements Involved
 - 5.2.2.3 Action Involved
 - 5.2.2.4 Component-Specific Non-Functional Requirements
 - 5.2.2.5 Constraints or Limitations
 - 5.2.3 Query Products API
 - 5.2.3.1 Diagram or Screen Design
 - 5.2.3.2 Data Elements Involved
 - 5.2.3.3 Action Involved

- 5.2.3.4 Component-Specific Non-Functional Requirements
- 5.2.3.5 Constraints or Limitations
- 5.2.4 Register Application Page Step 1
 - 5.2.4.1 Diagram or Screen Design
 - 5.2.4.2
 - 5.2.4.3 Data Elements Involved
 - 5.2.4.4 Action Involved
 - 5.2.4.5 Component-Specific Non-Functional Requirements
 - 5.2.4.6 Constraints or Limitations
- 5.2.5 Register Application API Step 2
 - 5.2.5.1 Diagram or Screen Design • 5.2.5.2 Data Elements Involved
 - 5.2.5.3 Action Involved
 - 5.2.5.4 Component-Specific Non-Functional Requirements
 - 5.2.5.5 Constraints or Limitations
- 5.2.6 Register Application API
 - 5.2.6.1 Diagram or Screen Design
 - 5.2.6.2 Data Elements Involved
 - 5.2.6.3 Action Involved
 - 5.2.6.4 Component-Specific Non-Functional Requirements
- 5.2.6.5 Constraints or Limitations
- 5.2.7 Application Status List Page
 - 5.2.7.1 Diagram or Screen Design • 5.2.7.2 Data Elements Involved
 - 5.2.7.3 Action Involved
 - 5.2.7.4 Component-Specific Non-Functional Requirements
 - 5.2.7.5 Constraints or Limitations
- 5.2.8 Manage Your Developer List Page
 - 5.2.8.1 Diagram or Screen Design
 - 5.2.8.2 Data Elements Involved
 - 5.2.8.3 Action Involved
 - 5.2.8.4 Component-Specific Non-Functional Requirements
 - 5.2.8.5 Constraints or Limitations
- 5.2.9 Developer Information Page
 - 5.2.9.1 Diagram or Screen Design
 - 5.2.9.2 Data Elements Involved
 - 5.2.9.3 Action Involved
 - 5.2.9.4 Component-Specific Non-Functional Requirements
- 5.2.9.5 Constraints or Limitations
- 5.3 Admin Support NOT PART OF MVP
 - 5.3.1 Admin Landing Page NOT PART OF MVP
 - 5.3.1.1 Diagram or Screen Design
 - 5.3.1.2 Data Elements Involved
 - 5.3.1.3 Action Involved
 - 5.3.1.4 Component-Specific Non-Functional Requirements
 - 5.3.1.5 Constraints or Limitations 5.3.2 Admin App Status List Page - NOT PART OF MVP
 - 5.3.2.1 Diagram or Screen Design
 - 5.3.2.2 Data Elements Involved
 - 5.3.2.3 Action Involved
 - 5.3.2.4 Component-Specific Non-Functional Requirements
 - 5.3.2.5 Constraints or Limitations
 - 5.3.3 Admin App Status Review page- NOT PART OF MVP
 - 5.3.3.1 Diagram or Screen Design
 - 5.3.3.2 Data Elements Involved
 - 5.3.3.3 Action Involved
 - 5.3.3.4 Component-Specific Non-Functional Requirements
 - 5.3.3.5 Constraints or Limitations
 - 5.3.4 Admin Consent List Page NOT PART OF MVP
 - 5.3.4.1 Diagram or Screen Design
 - 5.3.4.2 Data Elements Involved
 - 5.3.4.3 Action Involved
 - 5.3.4.4 Component-Specific Non-Functional Requirements
 - 5.3.4.5 Constraints or Limitations
 - 5.3.5 Admin Consent Page NOT PART OF MVP
 - 5.3.5.1 Diagram or Screen Design
 - 5.3.5.2 Data Elements Involved
 - 5.3.5.3 Action Involved
 - 5.3.5.4 Component-Specific Non-Functional Requirements
 - 5.3.5.5 Constraints or Limitations
 - 5.3.6 Admin Organization List Page NOT PART OF MVP
 - 5.3.6.1 Diagram or Screen Design
 - 5.3.6.2 Data Elements Involved
 - 5.3.6.3 Action Involved
 - 5.3.6.4 Component-Specific Non-Functional Requirements
 - 5.3.6.5 Constraints or Limitations
 - 5.3.7 Admin Organization Review Page NOT PART OF MVP
 - 5.3.7.1 Diagram or Screen Design
 - 5.3.7.2 Data Elements Involved

- 5.3.7.3 Action Involved
- 5.3.7.4 Component-Specific Non-Functional Requirements
- 5.3.7.5 Constraints or Limitations
- 6 Non-Functional Requirements

Scope

This design document describes the screens, data, and APIs required to perform registration of 3rd party mobile and web applications (3rd party apps) that provide access to Medicaid records for Medicaid members. Also included are features for DHHS administrative users to approve 3rd party apps submitted by developer organizations.

Reference Materials and Documents

- 1. iServe Design Standards
- 2. User Registration Design User Registration Design

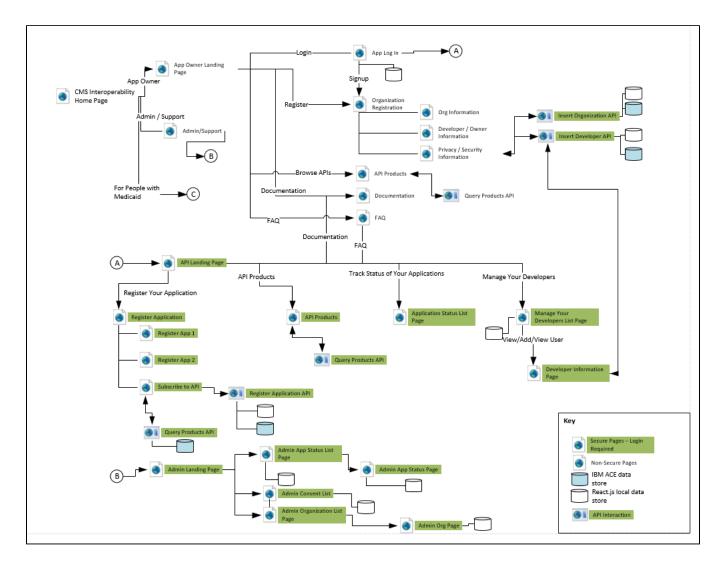
Functional Design

The following subsections provides system pages and components for the following major areas of functionality:

- CMS Interoperability Home Page
- Application Owner Landing Page
- Admin Support
- For People with Medicaid

Navigation Overview

The following diagram provides the overall CMSI application site map.



Actors or Personas Involved

Actor	Description	
Organization Owner	User need to provide the basic user information for Creating an account	
Organization Developer	An verification email will be sent with the registered Email address	
DHHS Administrator	User need to provide the Username and password for authentication	
IBM ACE	APIs exposed through IBM API Connect to register organizations and developers; browse products and APIs; and register 3rd party apps	

System Pages or Components

The following subsections provides system pages and components for the following major areas of functionality:

- CMS Interoperability Home
- Application Owner
- Admin Support
- Access Your Nebraska Medicaid Data

CMS Interoperability Home

CMS Interoperability Home Page

This page is the entry page into the CMSI web application features. It supports all human actors that have some form of interaction with the system. Each of the pages referenced through this entry point also stand alone as entry points for their respective anchors.



Data Elements Involved

The following data elements are involved with this component.

Data Element	Description
None	

Action Involved

The following actions are involved with this component.

- **1.** This page is a landing page and does not require sign in.
- 2. The page provides options for the public user to:
 - a. Go to the App Owner page (which is a standalone entry point for 3rd party app developers)
 - b. DHHS users to invoke page to perform administrative actions such as approving 3rd party apps (which is a standalone entry point for DHHS Admins)
 - c. For Medicaid Members invoke the User Landing page ((which is a standalone entry point for Medicaid members)

Component-Specific Non-Functional Requirements

1. None

Constraints or Limitations

1. Sign in not required

App Owner Landing Page

Diagram or Screen Design

For Organizations that develop applications for Medicaid members, this page provides the capability to register the organization's apps, manage their users, and browse documentation related to the CMS Interoperability program.



Data Elements Involved

The following data elements are involved with this component.

Data Element	Description
User Name	Display the user name at the top right of the page if the user is logged in.

Action Involved

The following actions are involved with this component.

- 1. Sign In Enables 3rd party organization developers to Sign In and perform actions such as registering applications and managing other developers. When the user clicks on this tile, the **Developer/Admin Log On** page opens.
- 2. Register -Create an account to access functions for registered applications. When the user clicks on this tile, the Organization Registration Page Step 1 opens.
- 3. Documentation view publicly documentation relevant to CMS Interoperability and other guides. NOT PART OF MVP
- 4. FAQ frequently asked questions. NOT PART OF MVP

Component-Specific Non-Functional Requirements

None

Constraints or Limitations

None

Developer/Admin Log On

Diagram or Screen Design

Provides capability for organization developers and DHHS users to log on.

Password		
Show Password		
Sign In		

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description	
User Name	lser name of the person logging on	
Password	The password for the user	

Action Involved

The following actions are involved with this component.

- Provide capability to log on.
 Forgot password process to enable users to recover account access.
- 3. Show password to display unmasked password.
- Create your account to enable user to directly go to the Organization Registration Page Step 1 page.
 When user "Sign In" is successful it will redirect to API landing page otherwise it will go back to "Sign In" page

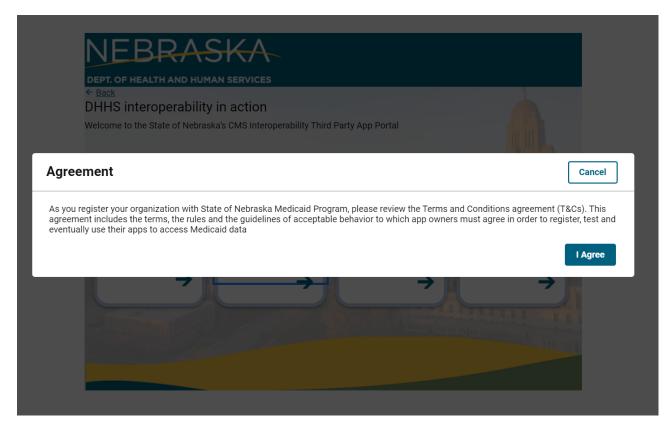
Component-Specific Non-Functional Requirements

1. None

Constraints or Limitations

1. This log on process is different than the B2C log on that Medicaid members will use. It is NOT connected to Active Directory or external authentication processes.

Agreement



Organization Registration Page - Step 1

This page begins the Organizational registration process. It enables a 3rd party to create an organizational account and a user account in one step. The user account is the "Owner" of the organization and will have the ability to add other users for the organization. In addition, DHHS will have the ability to approve the organization/user account.

← <u>Back</u>

Step 1- Organization Registration

Name of the Organization *	
What is the Federal Tax ID number or Business I Organization *	dentifier for the
What is the physical address of the organization	offering this app ?
Adress Line 1 *	
City *	
State	
Nebraska	\$
County	
Select -	\$
ZIP *	
What is the Primary Mailing address of the orga this app ?	nization offering
Same as Physical Address	

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description	
Name of Organization	The name of the organization.	
Federal Tax ID / Business Identifier	The FEIN or SSN of the organization/user.	
Identifier Type (ORGTAXIDCLASS_CD)	Indicates if the tax identifier is FEIN (ORGTAXIDCLASS_CD = E) or SSN (ORGTAXIDCLASS_CD = S).	
	Tarun Gangisetty - add this drop down to the page.	
Physical Address	Physical address for organization.	
Primary Mailing Address	Mailing address for the organization.	

Action Involved

The following actions are involved with this component:

- Set the mailing address to be the same as the physical address.
 Enforce the length of the FEIN or SSN to 9 digits.

Component-Specific Non-Functional Requirements

1. This is the first of several pages in creating the account. The data will be preserved if the user goes to the next page and returns to this page.

Constraints or Limitations

- 1. Address verification is currently not part of the MVP.
- 2. If the user leaves this page or closes the browser, they must start the account creation process all over again. Data is not preserved between sessions.

Primary Administrator Identification - Step 2

← <u>Back</u>

Step 2- Primary Administrator Identification

First Name *
Last Name *
User Name *
Email *
Telephone Number *
+1
Password *
Confirm Password *
Continue

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description	
First Name	The first name of the "owner" of the organization.	
Last Name	e last name of the "owner" of the organization.	
Email	The email address of the "owner" of the organization.	
Telephone Number	Telephone number	
Password	User defined password and confirmation.	
USERTYPE_CD (not visible to user)	Internal type code used to define the type of user being added. For organization registration this code is set to "OO" by the application.	

Action Involved

The following actions are involved with this component:

1. Set the USERTYPE_CD to "OO" to identify the user as the organizational owner.

Component-Specific Non-Functional Requirements

1. Password must be confirmed.

Constraints or Limitations

- 1. Password policy does not exist in the MVP.
- 2. The MVP release will not have the ability of an organization to promote another organization developer to owner.
- 3. If the user leaves this page or closes the browser, they must start the account creation process all over again. Data is not preserved between sessions.

Organization Registration Page - Step 3

This page enables the 3rd party organization to provide attestation of security and privacy related matters.

Diagram or Screen Design

← <u>Back</u>
Step 3- Privacy and security
Are you representing a registered legal entity?*
Select 0
In which state did you file your business registration?*
Select 0
Is that entity owned by another corporation?*
Select 0
Do you intend to develop applications for public release or will you be developing for testing or educational purposes only? $^{\rm x}$
Select 0
Do you maintain a Privacy Policy that is shared with your application users?*
Select 0
Please provide link to your dated privacy policy (Provide material updates as they occur)? *
Do you provide updates to consumers of material changes to your privacy policy? *
Select 0
Has an information Security policy been formally adopted by the organization? $^{\rm \star}$
Select 0
Does an independent 3rd party audit the organization for compliance with the information Security policy? $^{\rm x}$
Select 0
Is application development and/or support performed outside of the US by your or any contracted 3rd party? $^{\times}$
Select 0
Will data be stroed in or passed through another country if not in the US? *
Select 0
Have any of the named officers been convicted of felonies in the U.S. or been sanctioned by a government agency in the past three years?*
Select 0
Has the organization had any data breaches that requied disclosure to a government agency in the past 12 months? *
Select 0
Submit

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description	
Does this organization represent a legal entity?	Indicates if the org is representing a legal entity. Valid values are: Yes No	
State of business registration	State of business registration	
Is your organization owned by another corporation?	Indicates if the org is owned by another corporation. Valid values are: Yes No	
Does the organization intend to develop applications for public release or for developing for test or educational purposes?	Indicates if the org intends to develop applications for public release or for developing for test or educational purposes Valid values are:	
	Public Use	
	Test use	
	Educational Use	
Does the organization maintain a privacy policy?	Indicates if the org maintains a privacy policy. Valid values are: Yes No	
What is the URL for your privacy policy?	URL for the privacy policy.	
Updates to privacy policy changes	Indicates if the org updates consumers of changes to their privacy policy. Valid values are: Yes No	
Does the organization maintain an information security policy?	Indicates if the org maintains an information security policy. Valid values are: Yes No	

Indicates if the org does an independent 3rd party audit the organization for compliance with the Information Security Policy. Valid values are: Yes No
Indicates if the org conducts application development and/or support performed outside of the US by the org or any contracted 3rd party. Valid values are: Yes No
Indicates if the org stores data or passes data through another country if not in the US. Valid values are: Yes No
Indicates if the org has named officers convicted of felonies in the US or been sanctioned by a governmental agency in the past. Valid values are: Yes No
Indicates if the org had any data breaches that required disclosure to a governmental agency in the past 12 months. Valid values are: Yes No

Action Involved

The following actions are involved with this component:

1. All questions must be answered.

Component-Specific Non-Functional Requirements

1. None.

Constraints or Limitations

- 1. Once the user submits the registration information, an email will be send to a DHHS approver distribution list to approve the organization and developer user. The email address and DHHS approver list is TBD.
- 2. Target email distribution and approver list will be configuration driven.
- 3. If the user leaves this page or closes the browser, they must start the account creation process all over again. Data is not preserved between sessions.

Insert Organization API

This component provides the API to add the organization into IBM API Manager.

Diagram or Screen Design

<No Diagram>

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description
Organization Name	The name of the organization
	Tarun Gangisetty - are there other data elements that IBM API Manager will need to create the organization?

Action Involved

The following actions are involved with this component:

1. Add the organization using the minimal information needed by API Manager to create the organization in the IBM infrastructure.

Component-Specific Non-Functional Requirements

- 1. A majority of the data elements are stored in the application database. Only a limited number of elements are added to IBM API Manager.
- 2. Adding the organization record must be conducted synchronously with creating an organization.

Constraints or Limitations

1. The design of this API is available in Swagger.

Insert Developer API

This component provides the API to add the developer user (i.e., the "owner" of the organization) into IBM API Manager.

Diagram or Screen Design

<No Diagram>

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description	
First Name	First name of the developer user.	
Last Name	Last name of the developer user.	
Email	Email address for developer user.	
	Tarun Gangisetty - are there other data elements that IBM API Manager will need to create the user?	

Action Involved

The following actions are involved with this component:

1. None.

Component-Specific Non-Functional Requirements

- 1. Adding the developer record must be conducted synchronously with creating an organization.
- 2. An IBM APIC end point will be made available for this API to be accessible by the web pages.

Constraints or Limitations

1. The design of this API is available in Swagger.

Application Owner

API Landing Page

This page provides access to the primary functionality for the 3rd party organization user.

CERT. OF HEALTH AND HUMA C Back DHHS interoperablitlit Explore our data API products	AN SERVICES		
Register Your Applications for accease to DHHS API products	Tack Status of Your Application Image: Status of Auberthe of DHS API products	Manage Your Developers States other developers Project other developers Project other developers	
API Products	FAQ Review answers to frequently answered questions	Documentation Learn how to try your APIs and get started.	

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description
None	

Action Involved

The following actions are involved with this component:

- 1. Display the user name on the top right.
- 2. The page provides options for the developer user to:
 - a. Browse API products When the user clicks on this tile, the Browse API Products opens.
 - b. Register applications When the user clicks on this tile, the Register Application Page opens.
 - c. Track status of applications When the user clicks on this tile, the Application Status List Page opens.
 - d. Manage developers When the user clicks on this tile, the Manage Your Developer List Page opens. NOT PART OF MVP
 - e. Documentation view publicly documentation relevant to CMS Interoperability and other guides. NOT PART OF MVP
 - f. FAQ frequently asked questions. NOT PART OF MVP

Component-Specific Non-Functional Requirements

1. None.

Constraints or Limitations

1. None.

Browse API Products

This page provides the capability for 3rd party developers to browse APIs that are made available by DHHS. This is a read-only view of the APIs. The APIs are pulled from IBM API Manager when this page is loaded through an API.

← Back

Explore API's

Provider Directory API

Under the CMS Interoperability and Patient Access final rule and the CMS Interoperability and Prior Authorization final rule, the State of Nebraska Medicaid program is making provider directory information available via the Provider Directory API. Please click for more details.

Patient Access API

Under the CMS Interoperability and Patient Access final rule and the CMS Interoperability and Prior Authorization final rule, the State of Nebraska Medicaid program is making available the Medicaid claims data via the patient Access API. Please click for more details.

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description
None	

Action Involved

The following actions are involved with this component:

- 1. Generate a list of products and APIs from IBM API Manager using the Query Products API.
- 2. This page provides a Subscribe button to enable the 3rd party developer to subscribe to the API. Sign in will be required if the user is not signed in.
- 3. The list of products presented must be from a catalog visible to the signed in user. Typically this will be the <u>Trading Partner Catalog</u> in IBM API Manager.

Component-Specific Non-Functional Requirements

1. None.

Constraints or Limitations

1. The design of this API is available in Swagger.

Query Products API

This API provides the application a method to query the available API products in IBM API Manager.

Diagram or Screen Design

<No Diagram>

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description
Product Name	The name of the product as published in IBM API Manager.
Product Description	A description of the product as published in IBM API Manager.

Action Involved

The following actions are involved with this component.

Component-Specific Non-Functional Requirements

1. None.

Constraints or Limitations

1. The design of this API is available in Swagger.

Register Application Page - Step 1

This page enables the 3rd party organization to register their application for use by Members.

Diagram or Screen Design

← <u>Back</u>

App Registration Step 1

Application Name *
Application Version *
Description *
Support Email *
Support Phone Number *
+1
App Support URL *
Client Terms of Service URL *
Continue

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description	
APP_ID	Internal application identifier (not visible to the end user)	
ORG_ID	The organization identifier of the logged on user (not visible to the end user)	
APPNAME	Application name	
APPDESCR	Application Description	
APPVERSION The version number of the application as presented by the developer organization		
APPSUPPORTEMAIL	TEMAIL Support email for the application	
APPSUPPORTPHONE Support phone number for the application		
APPSUPPORTURL Support URL for the application		
Client Terms of Service URL	Terms of service for Member use of the application	
	Rajesh Bait - need to add APP.CLIENT_TERMS_URL to the database for APP table	
APPSTATUS_CD	Internal status tracking. Set to "RS" for registration submitted.	
SUBSCRIBE_DT The date/time when the application subscribed to the DHHS product		

Action Involved

The following actions are involved with this component:

- 1. Ensure Application Name and Application Version combination is unique. Meaning, do not let users add the same application name and version that was previously registered.
- 2. Set the application status code to "RS" when creating the registration record.
- 3. DHHS

Component-Specific Non-Functional Requirements

1. None.

Constraints or Limitations

- 1. New versions of applications from the organization must be re-registered through this process.
- 2. If the user leaves this page or closes the browser, they must start the account creation process all over again. Data is not preserved between sessions.

Register Application API - Step 2

This page enables the user to select the API product that will be used by the application being registered. The APIs are pulled from IBM API Manager when this page is loaded through an API.

Diagram or Screen Design

← Back

App Registration Step 2

Provider Directory API

Under the CMS Interoperability and Patient Access final rule and the CMS Interoperability and Prior Authorization final rule, the State of Nebraska Medicaid program is making provider directory information available via the Provider Directory API. Please click for more details.

Patient Access API

Under the CMS Interoperability and Patient Access final rule and the CMS Interoperability and Prior Authorization final rule, the State of Nebraska Medicaid program is making available the Medicaid claims data via the patient Access API. Please click for more details.

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description
Product Name	The name of the product as published in IBM API Manager.
Product Description	A description of the product as published in IBM API Manager.

Action Involved

The following actions are involved with this component:

- 1. Generate a list of products and APIs from IBM API Manager using the Query Products API.
- 2. The list of products presented must be from a catalog visible to the signed in user. Typically this will be the <u>Trading Partner Catalog</u> in IBM API Manager.
- 3. Once the user submits the application registration, an email will be send to a DHHS approver distribution list to approve the application. The email address and DHHS approver list is TBD.
- 4. Target email distribution and approver list will be configuration driven.

Component-Specific Non-Functional Requirements

1. The Client ID and Client Secret that is generated upon registration must be presented to the developer (and not saved).

Constraints or Limitations

- 1. If the user leaves this page or closes the browser, they must start the account creation process all over again. Data is not preserved between sessions.
- 2. The process by which an approved application is moved to production is technical process that will be conducted by the Integration Services team.

Register Application API

This API provides the ability to add the application into the IBM API Manager.

Diagram or Screen Design

<No Diagram>

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description
APPNAME	Application name
APPDESCR	Application Description

Action Involved

The following actions are involved with this component:

- 1. This API will return the IBM API Manager application number (APP.APPNUMBER) which must be added to the application record of the CMSI database.
- 2. Adding application information to the CMSI database and inserting the application with IBM API Manager (via the API) must be conducted as a single transaction.

Component-Specific Non-Functional Requirements

1. None.

Constraints or Limitations

1. The design of this API is available in Swagger.

Application Status List Page

This page enables the developer user to browse the applications organization has registered with DHHS.

← <u>Back</u>

Application Status

		Search	
Application ID	Application Name 🗸	Status	Actions
1373739031	test1	Approved	Button
1373739032	test1	Rejected	Button
1373739033	test1	Requires Additional Information	Button
1373739034	test1	AT	Button
1373739035	test1	AT	Button
1373739036	test1	AT	Button
1373739037	test1	AT	Button
1373739038	test1	AT	Button
1373739046	test1	AT	Button
1373739047	test1	AT	Button
1373739048	test1	AT	Button
1373739050	test21	Requires Additional Information	Button

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description
Application Identifier	The internal application identifier
Application Name	The name of the application
Status	The status of the application.

Action Involved

The following actions are involved with this component:

1. None.

Component-Specific Non-Functional Requirements

1. None.

Constraints or Limitations

1. None.

Manage Your Developer List Page

This page enables the organization's owner to add or remove developers for their organization.

Diagram or Screen Design

TBD

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description
USER_ID	Internal user identifier for the user (not visible to user)
USERTYPE_CD	Indicates the type of developer. Set to "DV" and not visible to the user.
USER_FIRSTNAME	User first name
USER_LASTNAME	User last name
USER_MOBILEPHONE	User mobile phone

Action Involved

The following actions are involved with this component:

- 1. When the user clicks on the developer last name, the Developer Information Page opens.
- 2. The organizational owner user can add developers by pressing the **New** button.

Component-Specific Non-Functional Requirements

1. None.

Constraints or Limitations

1. None.

Developer Information Page

This page enables the organization owner to view the profile of the developer user. It also is the page presented when a new user is created by the organization owner.

Diagram or Screen Design

TBD

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description
USER_ID	Internal user identifier for the user (not visible to user)
USERTYPE_CD	Indicates the type of developer. Set to "DV" and not visible to the user.
USER_FIRSTNAME	User first name
USER_LASTNAME	User last name
USER_EMAIL	User email
USER_MOBILEPHO NE	User mobile phone
TERMSACCEPT_IND	DHHS terms and condition excepted on behalf of the developer by organization owner.
TERMSACCEPT_DT	The date/time when the DHHS terms and condition were excepted on behalf of the developer by organization owner (not visible to the user)

Action Involved

The following actions are involved with this component:

- 1. This page has three modes:
 - a. View developer profile
 - b. Add a new developer
 - c. Edit the email, phone, first name, and last name of the user.
- 2. Email address must be unique
- 3. Mobile number must be 10 digits.

Component-Specific Non-Functional Requirements

1. Set the TERMSACCEPT_DT to the current date time when the user record is created.

Constraints or Limitations

1. Mobile numbers are not verified.

Admin Support - NOT PART OF MVP



Diagram or Screen Design



Data Elements Involved

The following data elements are involved with this component.

Data Element	Description
None	

Action Involved

The following actions are involved with this component.

- 1. Admin App Status List : It will show the status of the applications
- 2. Admin Consent list : Manage access consent on behalf of members
- 3. Admin Organization list : it will contain registered organization information

Component-Specific Non-Functional Requirements

Constraints or Limitations

Admin App Status List Page - NOT PART OF MVP

← <u>Back</u>

Admin App Status

				Search	
Application ID	Application Name 🗸	Organization	Last Updated Date 🗸	Status	Actions
<u>1373739057</u>	Acme Health Care1	org-974167149	2022-06-30	Requires Additional Information	Review
<u>1373739062</u>	Acme Health Care12	org-974167149	2022-07-21	In Review	Review
<u>1373739058</u>	Cigna2	org-1523833820	2022-07-08	In Review	Review
<u>1373739055</u>	RON	org-1139666337	2022-06-30	In Review	Review
<u>1373739056</u>	RON	org-1139666337	2022-06-30	In Review	Review
<u>1373739052</u>	SAN	org-1139666337	2022-06-30	Rejected	Review
<u>1373739059</u>	kar LLC	org-1139666337	2022-07-12	In Review	Review
<u>1373739060</u>	r lle	org-1139666337	2022-07-12	In Review	Review
<u>1373739043</u>	raj	org-230060801	2022-06-22	IA	Review
<u>1373739044</u>	raj	org-230060801	2022-06-22	IA	Review
<u>1373739039</u>	raj	org-230060801	2022-06-21	IA	Review
<u>1373739040</u>	raj	org-230060801	2022-06-21	IA	Review
<u>1373739041</u>	raj	org-230060801	2022-06-21	IA	Review
<u>1373739042</u>	raj	org-230060801	2022-06-21	IA	Review
<u>1373739045</u>	ramu	org-230060801	2022-06-22	IA	Review
<u>1373739049</u>	renu	org-230060801	2022-06-24	IA	Review
<u>1373739053</u>	sample app	org-771034467	2022-06-29	In Review	Review
1373739054	sample app2	org-771034467	2022-06-30	Rejected	Review

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description	
Application ID	The internal Application identifier	
Application Name	The name of the Application	
Organization	The name of the organization	
Last update date	ast Modified Date	
Status	Status The status of the application.	
Actions	It is a Button for Converting Application to Inactive state	

Action Involved

The following actions are involved with this component.

Component-Specific Non-Functional Requirements

Constraints or Limitations

Admin App Status Review page- NOT PART OF MVP

← <u>Back</u>					
Admin	App Status				
				Search	
Application II) Application Name 🗸	Organization	Last Updated Date 🗸	Status	Actions
137373905	Acme Health Care1	org-974167149	2022-06-30	Requires Additional Information	Review
	Acme Health Care12	org-974167149		In Review	Review
	Cigna2	org-1523833820	2022-07-08	In Review	Review
	Review Page			Close	Review Review
	Status				Review
	Approved		¢		Review
	Comments			-	Review
	First Approve				Review
				OK Cancel	Review
	2				Review
) raj	org-230060801	2022-06-21	IA	Review
	raj	org-230060801	2022-06-21	IA	Review
	2 raj	org-230060801	2022-06-21	IA	Review
	<u>s</u> ramu	org-230060801	2022-06-22	IA	Review
) renu	org-230060801	2022-06-24	IA	Review
	sample app	org-771034467	2022-06-29	In Review	Review

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description	
Status	Status The status of the application.	
Comments		

Action Involved

The following actions are involved with this component.

Component-Specific Non-Functional Requirements

Constraints or Limitations

Admin Consent List Page - NOT PART OF MVP

Admin Manage Consent

					Search	
Member Id	Medicaid ID	Application ID	Application Name	Organization	Last Updated	Actions
8765432	76554433	1001	Blue Button NE	BCBS Nebraska	01/01/2022	Revoke
8765432	76554433	1002	MyHealth	United Health	12/31/2021	Revoke
8765432	76554433	1003	ConnectedHealth	Jhon Smith	10/18/2021	Revoke
9977554	13246787	2001	Blue Button NE1	BCBS Nebraska	12/23/2021	Revoke
9977554	13246787	2002	Blue Button NE2	BCBS Nebraska	12/21/2021	Revoke
9977554	13246787	2003	MyHealth1	United Health	10/19/2021	Revoke
9977554	13246787	2004	MyHealth2	United Health	10/19/2021	Revoke

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description	
Member Id	The internal member identifier	
Medicaid Id	The Medicaid identifier entered by the user	
Application Id	internal application identifier	
Application Name	he name of the application	
Organization	he name of the organization	
Last updated	Last Modified Date	
Actions	It is a Button for Converting Application to Inactive state	

Action Involved

The following actions are involved with this component.

- **1.** The user will be able to revoke consent of an application.
- The user must verify revoking of consent with a second dialog box.
 The system will retain the date / time and the user ID of the user revoking consent.
- 4. search the applications based on the Medicaid

Component-Specific Non-Functional Requirements

Constraints or Limitations

Admin Consent Page - NOT PART OF MVP

Diagram or Screen Design

TBD

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description

Action Involved

The following actions are involved with this component.

Component-Specific Non-Functional Requirements

Constraints or Limitations

Admin Organization List Page - NOT PART OF MVP

Diagram or Screen Design

← <u>Back</u>

Organizations

			Search	
Organization Id	Organization Name 🗸	Status	Last Updated Date 🗸 🗸	Actions
org-1589507613	123llc	Requires Additional Information	2022-07-28	Review
org-974167149	Achme Demo	In Review	2022-06-30	Review
org-421347728	Renu	Approved	2022-06-28	Review
org-1705296572	Test10	Approved	2022-06-30	Review
org-1139666337	athena	Requires Additional Information	2022-06-30	Review
org-1244031422	jkkk		2022-06-20	Review
org-593403684	jkkk		2022-06-16	Review
org-1160780643	jkkk	Rejected	2022-06-27	Review
org-199475312	jkkk		2022-06-16	Review
org-1863705899	jkkk		2022-06-09	Review
org-1627545970	jkkk		2022-06-08	Review
org-151849444	jkkk		2022-06-08	Review
org-1427034463	jkkk		2022-06-08	Review
org-1398169350	jkkk		2022-06-08	Review
org-1526247886	pavan	In Review	2022-07-12	Review
org-551273329	pavan	Approved	2022-06-29	Review
org-2070788614	pavan		2022-06-21	Review
org-1083926830	pavan	Approved	2022-06-27	Review

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description	
Organization Id	The internal organization identifier	
Organization Name	The name of the organization	

Status	Status The status of the application.	
Updated Date	Last Modified Date	
Actions	It is a Button for Converting Application to Inactive state	

Action Involved

The following actions are involved with this component.

1. Review the organization information

Component-Specific Non-Functional Requirements

Constraints or Limitations

Admin Organization Review Page - NOT PART OF MVP

Diagram or Screen Design

← <u>Back</u>				
Organizat	tions			
			Search	
Organization Id	Organization Name 🗸	Status	Last Updated Date 🗸 🗸	Actions
org-158950761	3 123IIc	Requires Additional Information	2022-07-28	Review
	Achme Demo	In Review	2022-06-30	Review
	Renu	Approved	2022-06-28	Review
org-1705296	Review Page		Close	Review Review
<u>org-1244031</u>	Status	\$		Review
<u>org-5934036</u> <u>org-1160780</u>	Approved Comments	· ·		Review
org-1994753	First Approvel			Review
org-1863705 org-1627545	-		OK Cancel	Review Review
	jkkk		2022-06-08	Review
	3 jkkk		2022-06-08	Review
	<u>)</u> jkkk		2022-06-08	Review
	<u>pavan</u>	In Review	2022-07-12	Review
	pavan	Approved	2022-06-29	Review

Data Elements Involved

The following data elements are involved with this component.

Data Element	Description

Action Involved

The following actions are involved with this component.

Component-Specific Non-Functional Requirements

Constraints or Limitations

Non-Functional Requirements

- All password are stored encrypted.
 UUID generation for unique ID's will be standardized.