

HIETexas PULSE COVID is a web portal that allows appropriately verified users to find and view electronic patient health and medication histories from across national health information exchange networks.

With a simple search on PULSE COVID, authorized users can view clinical care documents that include medications, allergies, diagnoses, lab results, and other relevant information. This information can be used to augment clinical care, identify patient comorbidities, and fill in gaps related to patient health or demographic data.

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## Step 1

Each user will receive an email notification titled “PULSE COVID” once an account has been created on their behalf.

<https://localhost:8080>: Your New Account



PULSE COVID Notification <donotreply@ainq.com>  
To: user@ainq.com

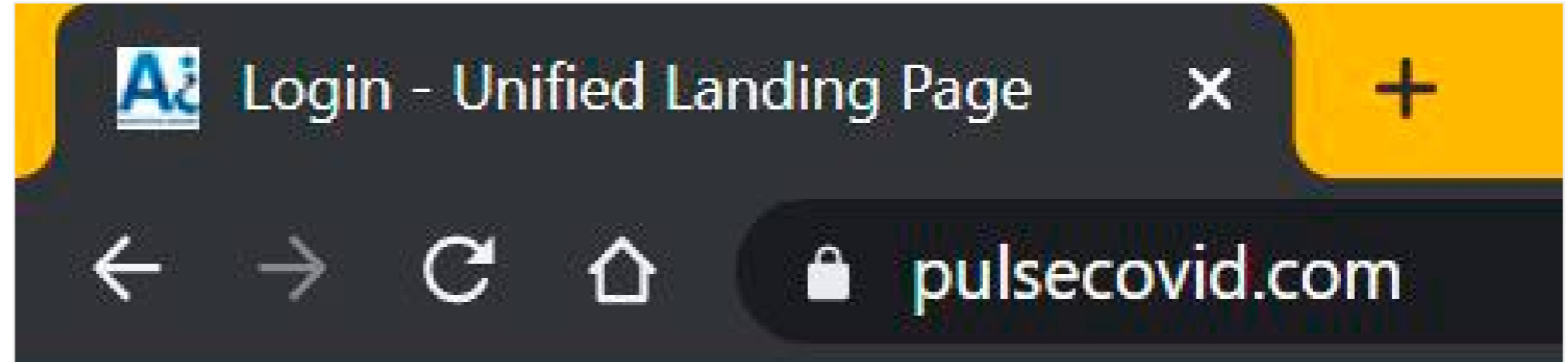
Dear User,

Welcome! An account has been created for you at <https://pulsecovid.com> . Please click on Forgot Password to reset your password.

Sincerely,  
PULSE COVID Notification

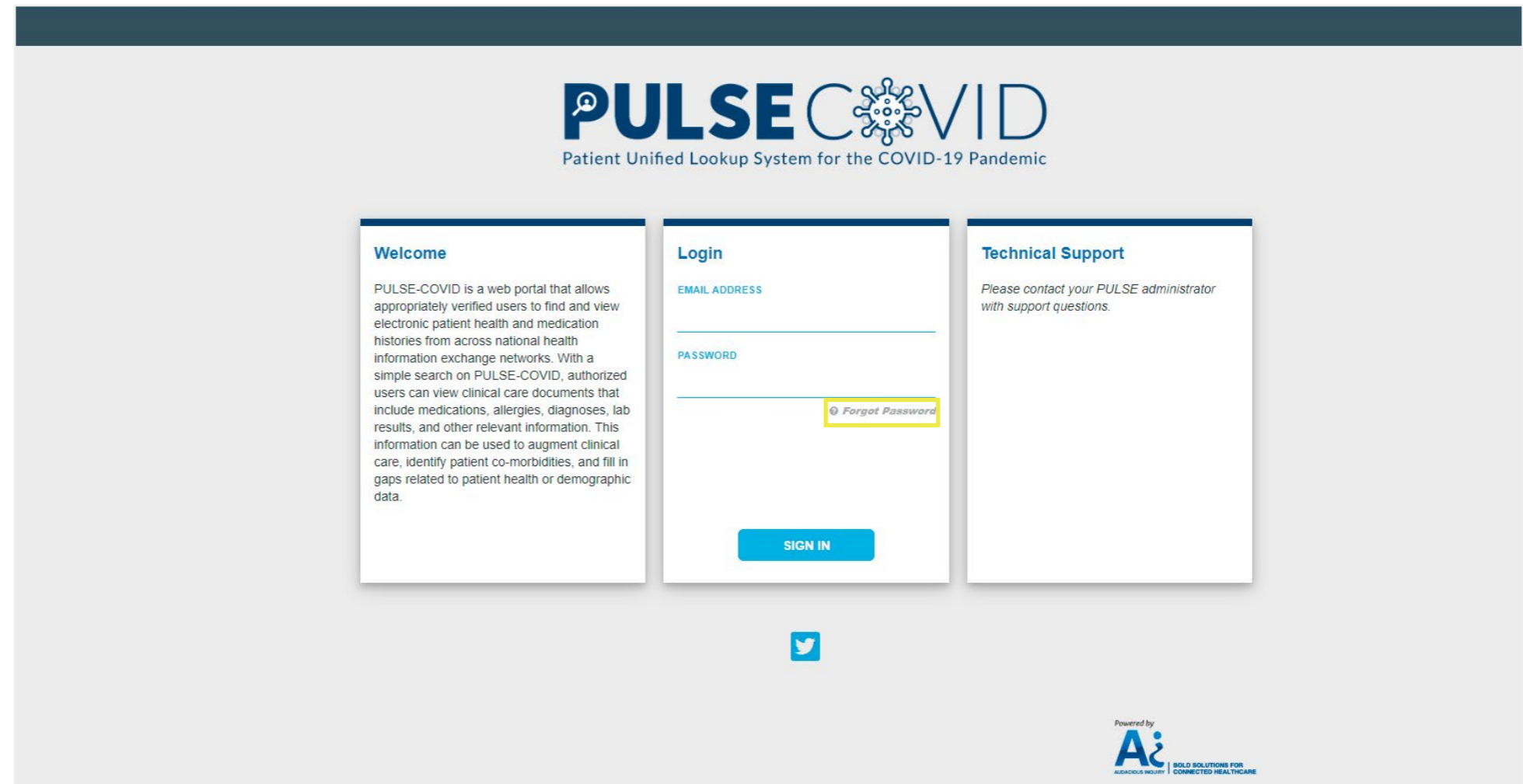
## Step 2

Select the hyperlink in the email <https://pulsecovid.com> to be navigated to the PULSE-COVID web page to set a password.



## Step 3

Select the “Forgot Password” button.



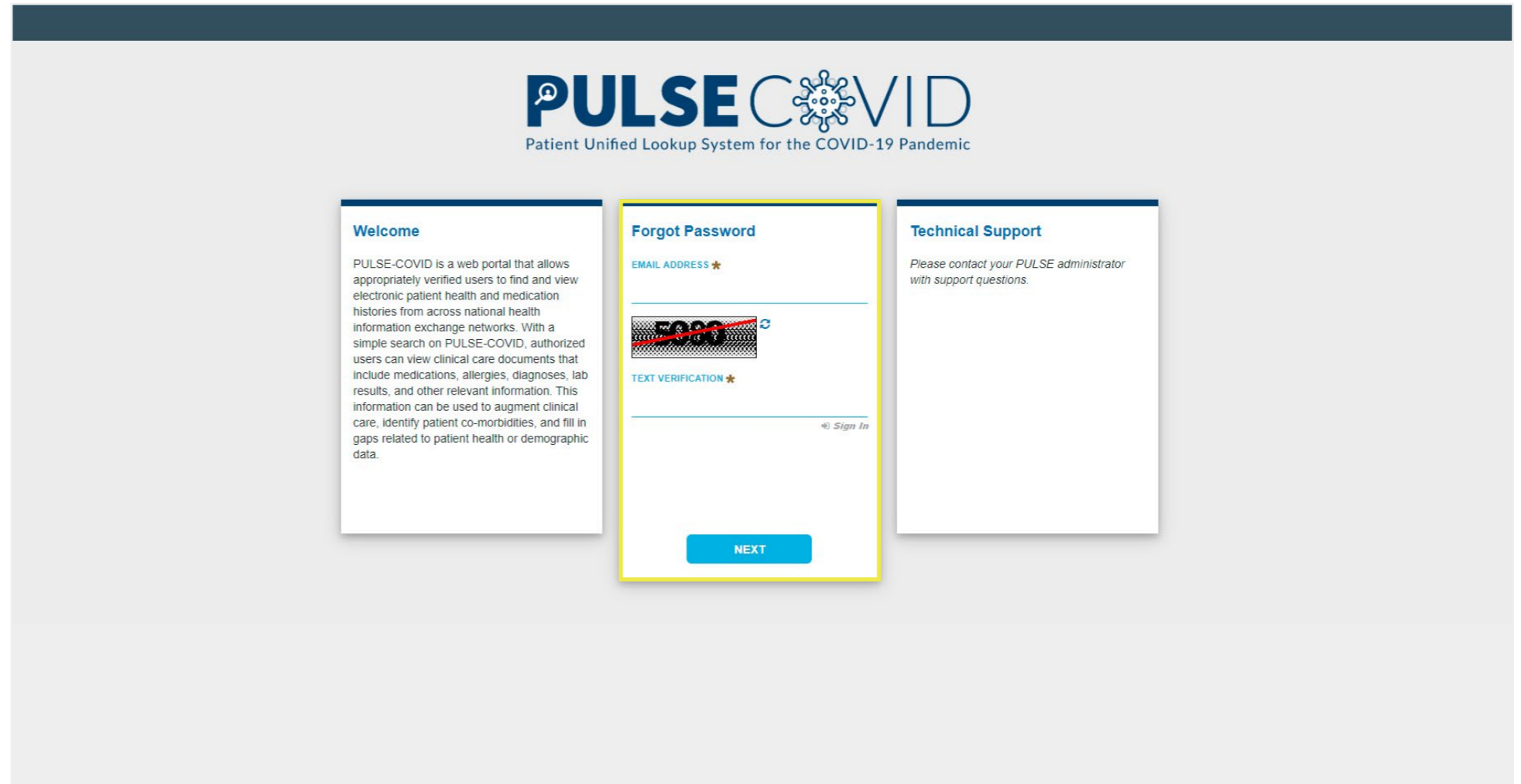
The screenshot shows the PULSE COVID login interface. At the top, the logo reads "PULSE COVID" with a virus icon, and below it, "Patient Unified Lookup System for the COVID-19 Pandemic". The page is divided into three columns:

- Welcome:** A text block explaining that PULSE-COVID is a web portal for authorized users to view clinical care documents like medications, allergies, and lab results.
- Login:** A form with fields for "EMAIL ADDRESS" and "PASSWORD". Below the password field is a yellow-bordered button labeled "Forgot Password". A blue "SIGN IN" button is at the bottom of the form.
- Technical Support:** A text block stating "Please contact your PULSE administrator with support questions."

At the bottom center is a Twitter icon, and at the bottom right is the "Powered by" logo for AI (Audacious Inquiry), with the tagline "BOLD SOLUTIONS FOR CONNECTED HEALTHCARE".

## Step 4

Complete the “Email Address” and “Text Verification” fields.  
When completed, select the “Next” button

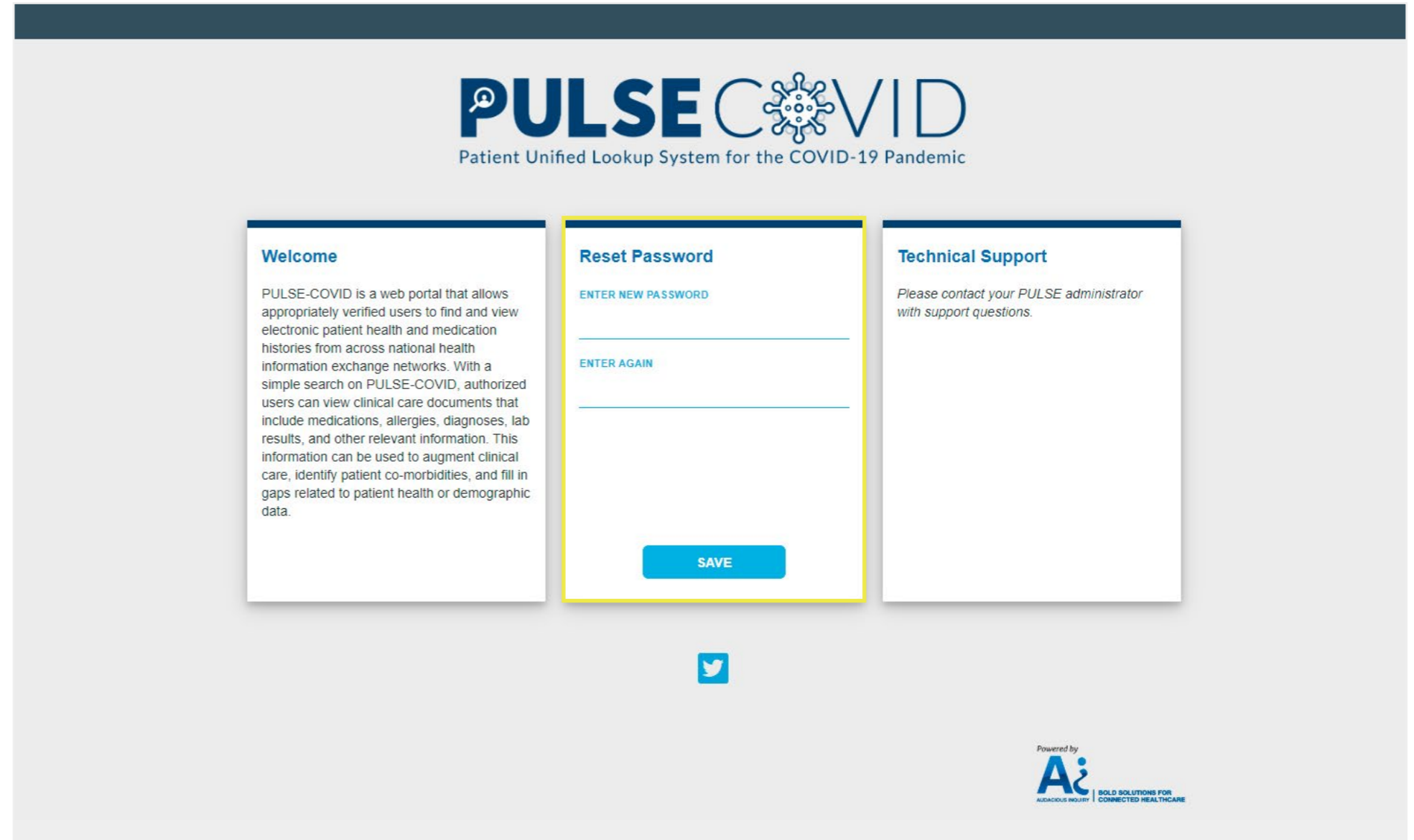


The screenshot displays the PULSE COVID user access interface. At the top, the logo reads "PULSE COVID" with a virus icon, and below it, "Patient Unified Lookup System for the COVID-19 Pandemic". The page is divided into three columns:

- Welcome:** A text block explaining the system's purpose: "PULSE-COVID is a web portal that allows appropriately verified users to find and view electronic patient health and medication histories from across national health information exchange networks. With a simple search on PULSE-COVID, authorized users can view clinical care documents that include medications, allergies, diagnoses, lab results, and other relevant information. This information can be used to augment clinical care, identify patient co-morbidities, and fill in gaps related to patient health or demographic data."
- Forgot Password:** This section is highlighted with a yellow border. It contains two input fields: "EMAIL ADDRESS" and "TEXT VERIFICATION", both with asterisks indicating required fields. Below the text verification field is a "Sign In" link. A blue "NEXT" button is positioned at the bottom of this column.
- Technical Support:** A text block stating: "Please contact your PULSE administrator with support questions."

## Step 5

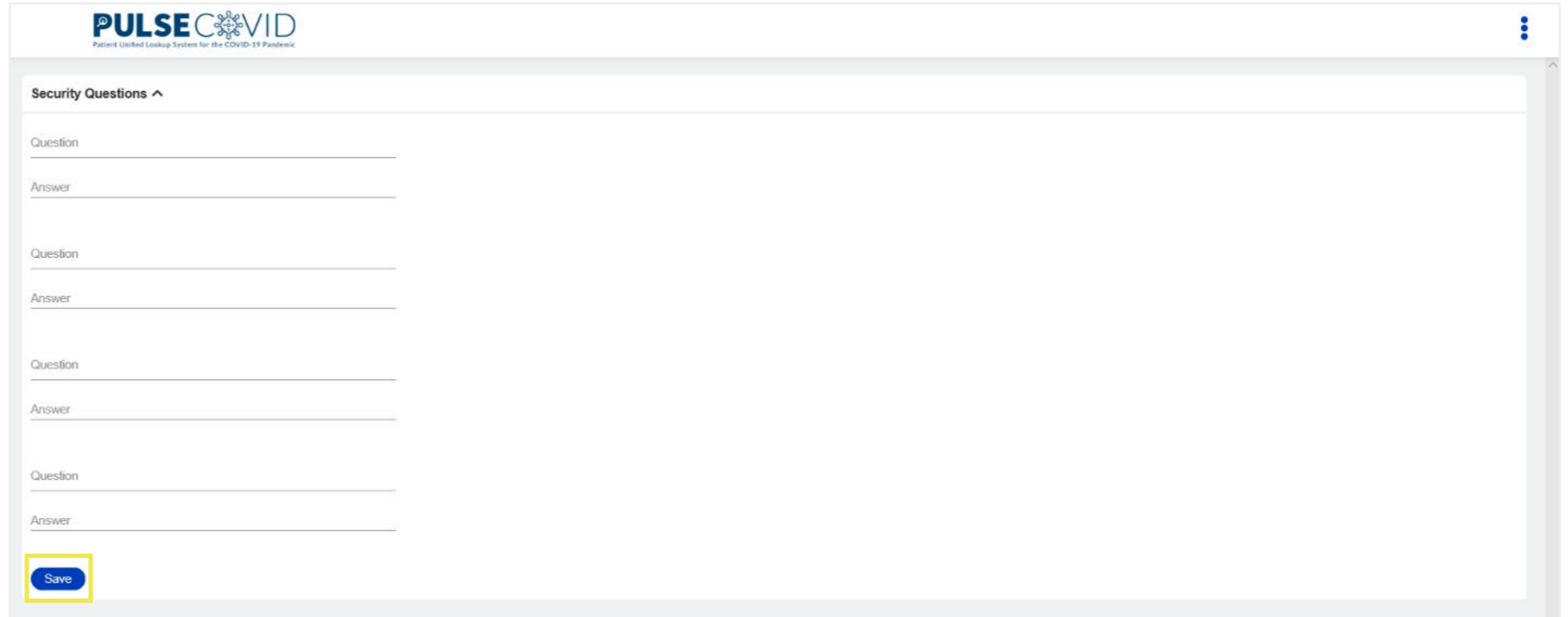
Users will receive an email titled “PULSE COVID”. This email will contain an individualized hyperlink that will navigate to the Password Reset Page. Users should enter a password into the “Enter New Password” and “Enter Again” fields. Once complete, select the “Save” Button”



The screenshot shows the PULSE COVID Password Reset page. At the top, the logo reads "PULSE COVID" with a stylized virus icon, and below it, "Patient Unified Lookup System for the COVID-19 Pandemic". The page is divided into three columns: "Welcome", "Reset Password", and "Technical Support". The "Reset Password" column is highlighted with a yellow border and contains two input fields labeled "ENTER NEW PASSWORD" and "ENTER AGAIN", with a blue "SAVE" button below them. The "Technical Support" column contains the text "Please contact your PULSE administrator with support questions." At the bottom center is a Twitter icon, and at the bottom right is the "Powered by A&I" logo with the tagline "BOLD SOLUTIONS FOR CONNECTED HEALTHCARE".

## Step 6

Users will be directed to the Security Question Page. Select four security questions and enter the response into the “Answer” field. Once completed, select the “Save Button”

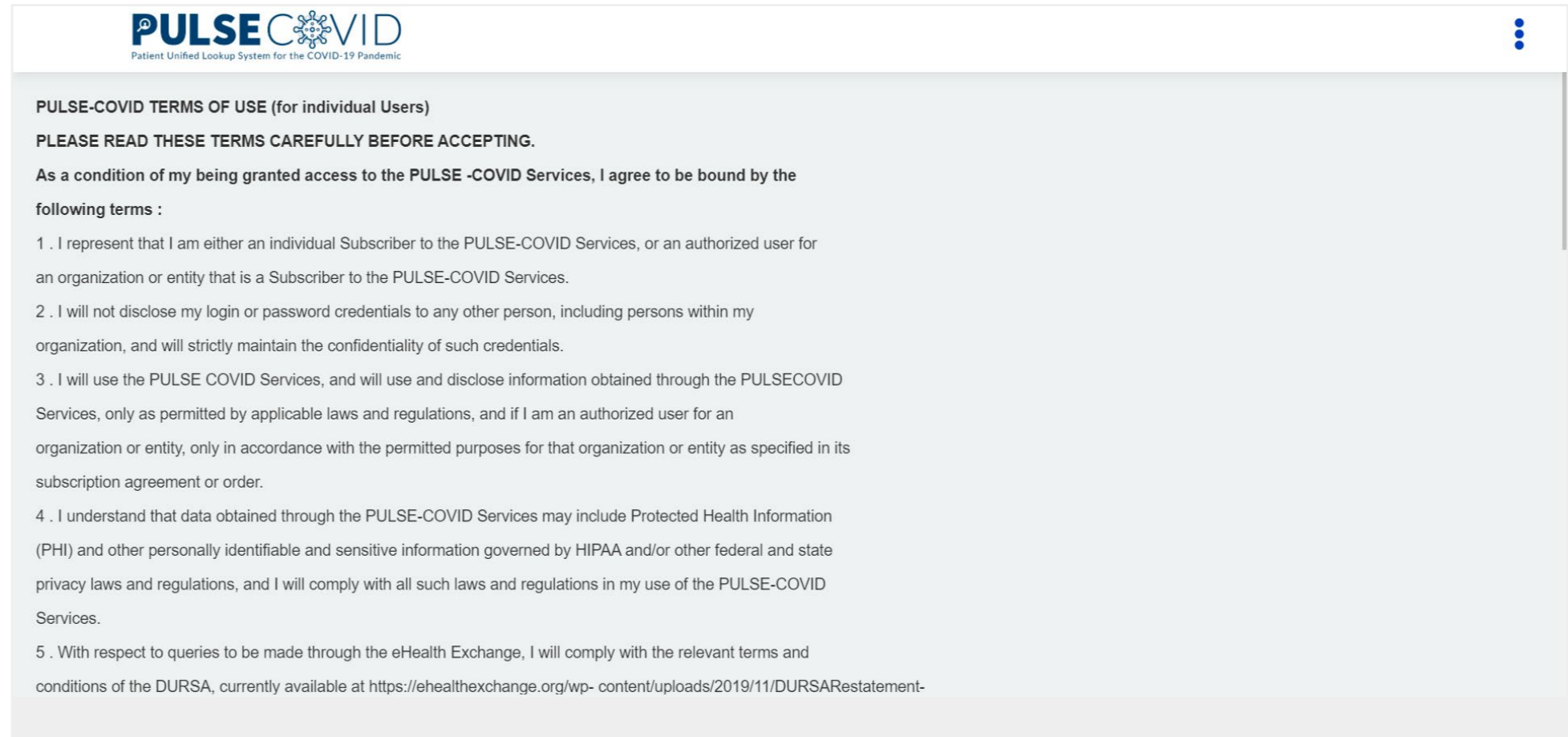


The screenshot shows the PULSE COVID interface. At the top, the logo reads "PULSE COVID Patient Unified Lookup System for the COVID-19 Pandemic". Below the logo is a section titled "Security Questions ^" with a dropdown arrow. This section contains four pairs of input fields, each labeled "Question" and "Answer". At the bottom left of the form area, there is a blue "Save" button highlighted with a yellow border. A vertical ellipsis menu icon is visible in the top right corner of the interface.



## Step 7

Users will then be directed to the End User Legal Agreement. To navigate to the next page, select the “I Agree” button at the bottom of the page.



**PULSE COVID**  
Patient Unified Lookup System for the COVID-19 Pandemic

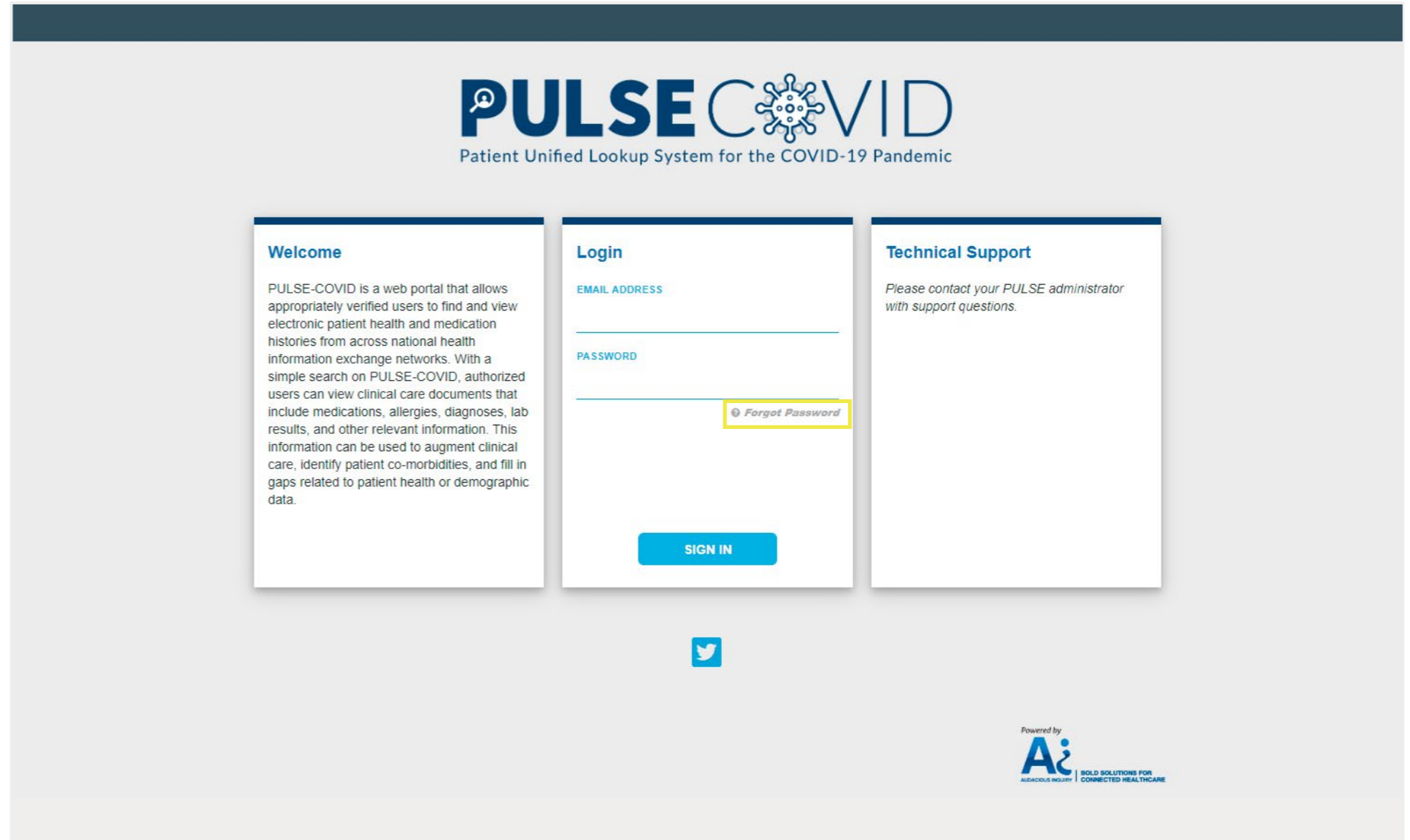
**PULSE-COVID TERMS OF USE (for individual Users)**  
**PLEASE READ THESE TERMS CAREFULLY BEFORE ACCEPTING.**

**As a condition of my being granted access to the PULSE -COVID Services, I agree to be bound by the following terms :**

- 1 . I represent that I am either an individual Subscriber to the PULSE-COVID Services, or an authorized user for an organization or entity that is a Subscriber to the PULSE-COVID Services.
- 2 . I will not disclose my login or password credentials to any other person, including persons within my organization, and will strictly maintain the confidentiality of such credentials.
- 3 . I will use the PULSE COVID Services, and will use and disclose information obtained through the PULSECOVID Services, only as permitted by applicable laws and regulations, and if I am an authorized user for an organization or entity, only in accordance with the permitted purposes for that organization or entity as specified in its subscription agreement or order.
- 4 . I understand that data obtained through the PULSE-COVID Services may include Protected Health Information (PHI) and other personally identifiable and sensitive information governed by HIPAA and/or other federal and state privacy laws and regulations, and I will comply with all such laws and regulations in my use of the PULSE-COVID Services.
- 5 . With respect to queries to be made through the eHealth Exchange, I will comply with the relevant terms and conditions of the DURSA, currently available at <https://ehealthexchange.org/wp-content/uploads/2019/11/DURSARestatement->

## Step 1

To reset a password, navigate to <https://www.pulsecovid.com>  
Select the “Forgot Password” button on the login screen.



**PULSE COVID**  
Patient Unified Lookup System for the COVID-19 Pandemic

**Welcome**

PULSE-COVID is a web portal that allows appropriately verified users to find and view electronic patient health and medication histories from across national health information exchange networks. With a simple search on PULSE-COVID, authorized users can view clinical care documents that include medications, allergies, diagnoses, lab results, and other relevant information. This information can be used to augment clinical care, identify patient co-morbidities, and fill in gaps related to patient health or demographic data.

**Login**

EMAIL ADDRESS

PASSWORD

[Forgot Password](#)

**SIGN IN**

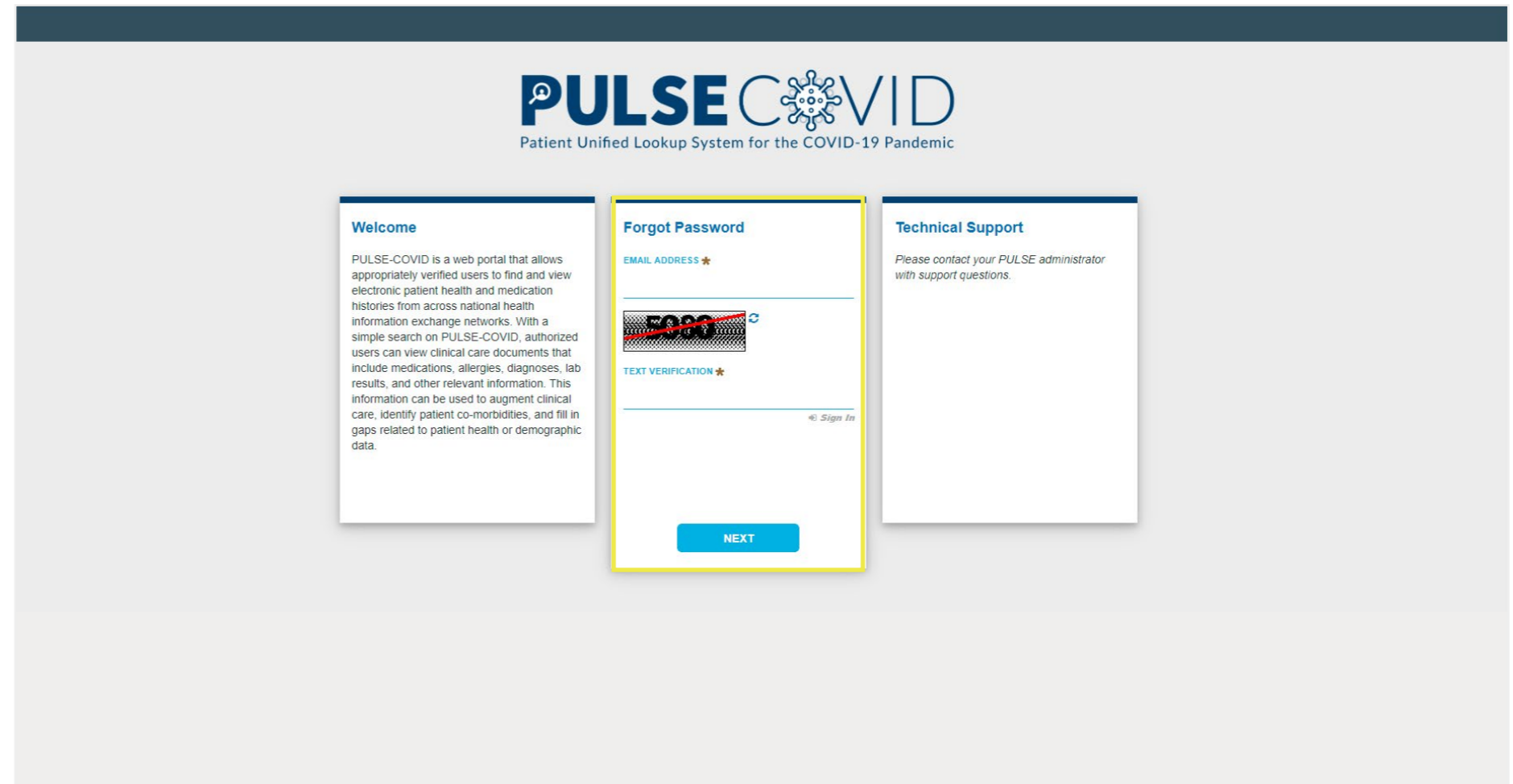
**Technical Support**

Please contact your PULSE administrator with support questions.

Powered by **A&I** AUDACIOUS INQUIRY BOLD SOLUTIONS FOR CONNECTED HEALTHCARE

## Step 2

Users should complete the “Email Address” and “Text Verification” fields. When completed, select the “Next Button”

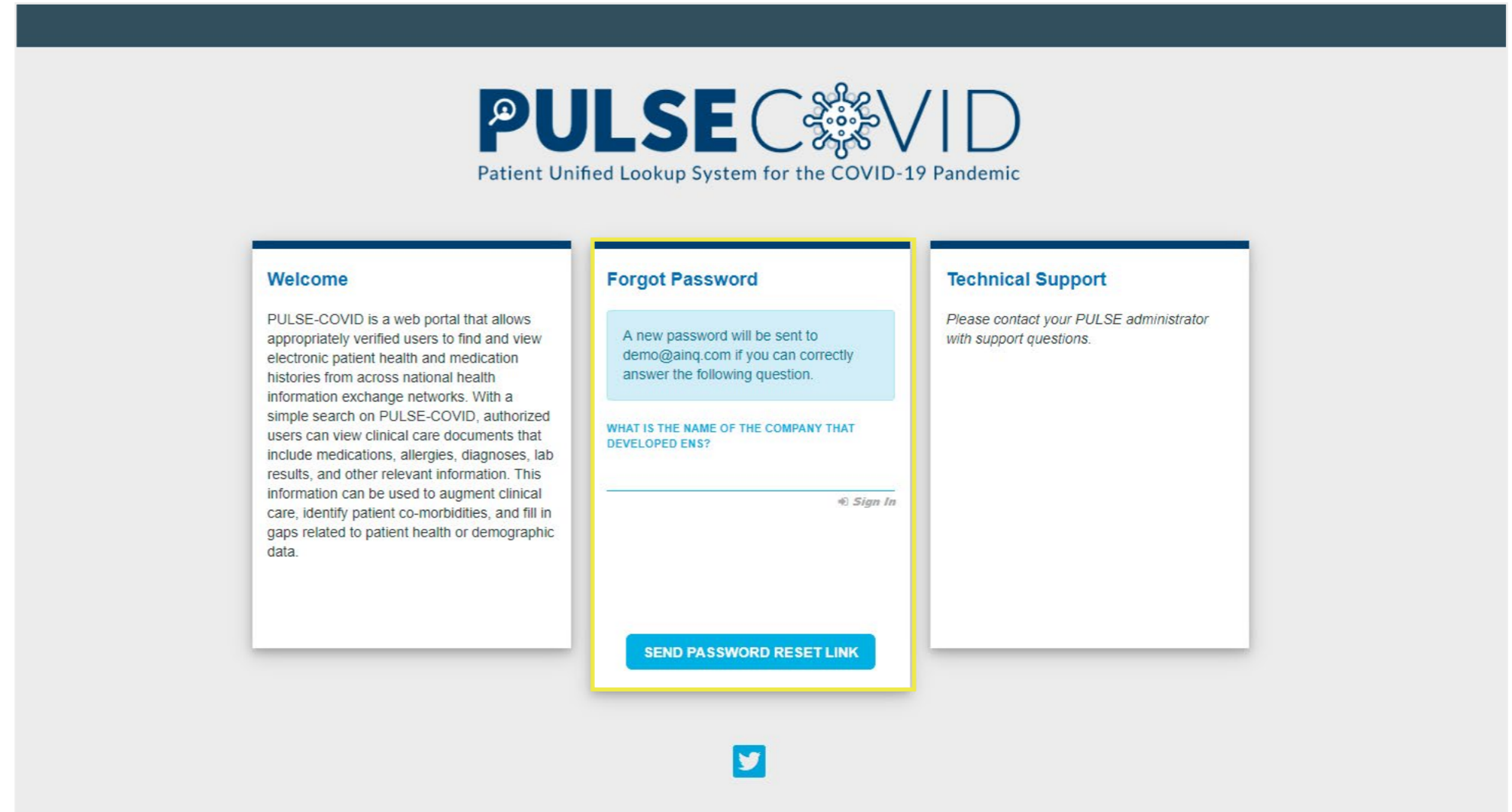


The screenshot shows the PULSE COVID web portal interface. At the top, the logo reads "PULSE COVID" with a virus icon, and below it, "Patient Unified Lookup System for the COVID-19 Pandemic". The main content area is divided into three columns:

- Welcome:** A text block explaining the portal's purpose: "PULSE-COVID is a web portal that allows appropriately verified users to find and view electronic patient health and medication histories from across national health information exchange networks. With a simple search on PULSE-COVID, authorized users can view clinical care documents that include medications, allergies, diagnoses, lab results, and other relevant information. This information can be used to augment clinical care, identify patient co-morbidities, and fill in gaps related to patient health or demographic data."
- Forgot Password:** A form with two input fields: "EMAIL ADDRESS" and "TEXT VERIFICATION", both marked with a red asterisk. Below the fields is a "Sign In" link and a blue "NEXT" button.
- Technical Support:** A text block that says: "Please contact your PULSE administrator with support questions."

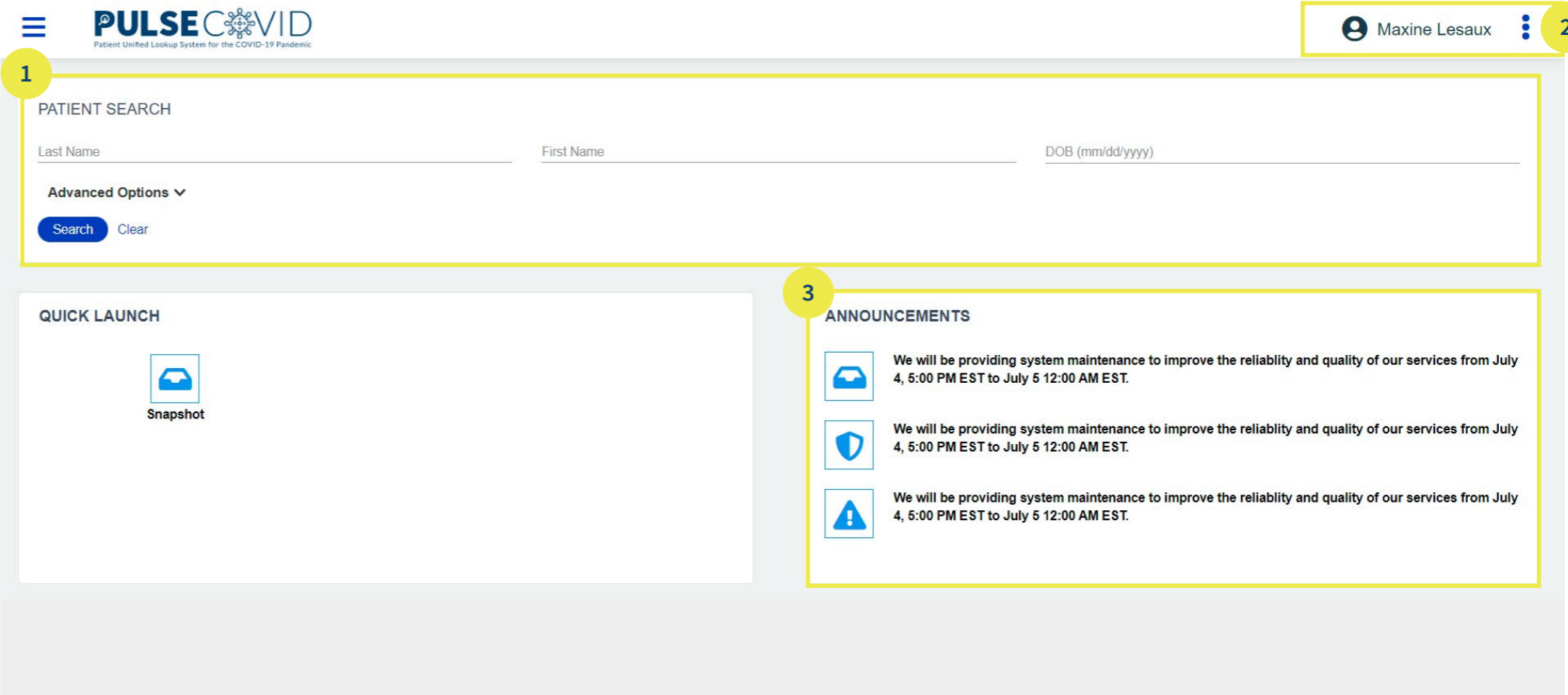
## Step 3

Users will be prompted to enter the correct answer to the security question displayed. Once completed, select the “Send Password Reset Link”. If the answer is correct, an email will be sent to the user with an individualized hyperlink to reset their password. Users can reset their password and then login to the system.



## Overview of the portal:

- 1** Patient Search Panel  
Users should search for a patient in this panel.
- 2** Account Management  
Users should use these buttons to log out or change their password/security questions
- 3** Account Panel  
System announcements will be displayed here,

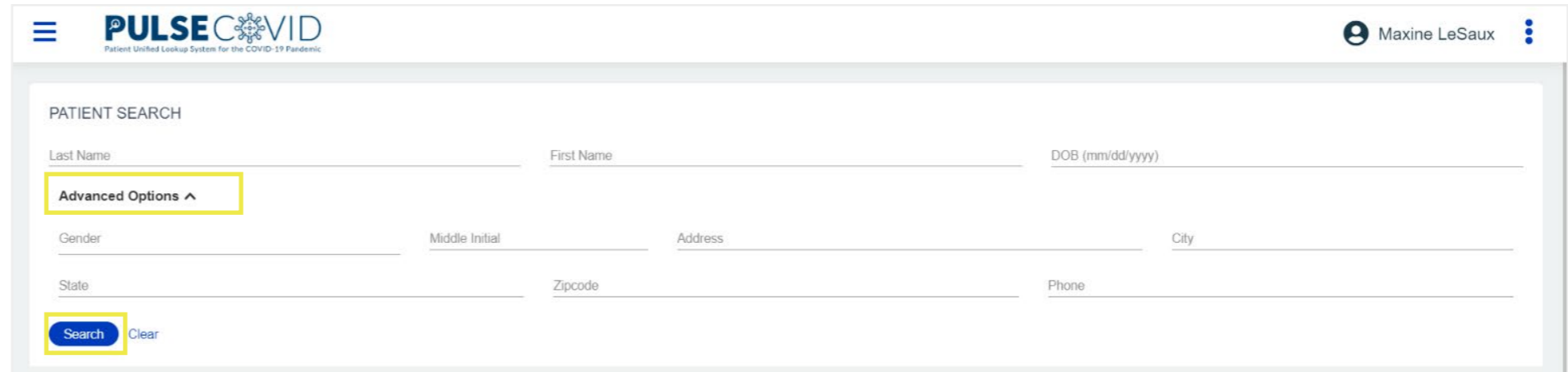


The screenshot shows the PULSE COVID portal interface. At the top left is the PULSE COVID logo with the tagline 'Patient Unified Lookup System for the COVID-19 Pandemic'. At the top right, the user 'Maxine Lesaux' is logged in, with a notification badge showing '2'. The main content area is divided into three sections:

- 1** **PATIENT SEARCH**: A search form with fields for 'Last Name', 'First Name', and 'DOB (mm/dd/yyyy)'. Below the fields are 'Advanced Options' (expanded), a 'Search' button, and a 'Clear' button.
- 3** **QUICK LAUNCH**: A section containing a 'Snapshot' icon.
- 3** **ANNOUNCEMENTS**: A section containing three system maintenance announcements, each with an icon (car, shield, and warning triangle) and text: 'We will be providing system maintenance to improve the reliability and quality of our services from July 4, 5:00 PM EST to July 5 12:00 AM EST.'

## Step 1

To search for a patient, please add all demographic information available for the patient into the corresponding fields. “Last Name”, “First Name”, “DOB” and “Gender” are all required fields. To expand the available search fields, select the “Advanced Options” button. Once finished, select the “Search button”



**PULSE COVID**  
Patient Unified Lookup System for the COVID-19 Pandemic

Maxine LeSaux

**PATIENT SEARCH**

Last Name \_\_\_\_\_ First Name \_\_\_\_\_ DOB (mm/dd/yyyy) \_\_\_\_\_

**Advanced Options ^**

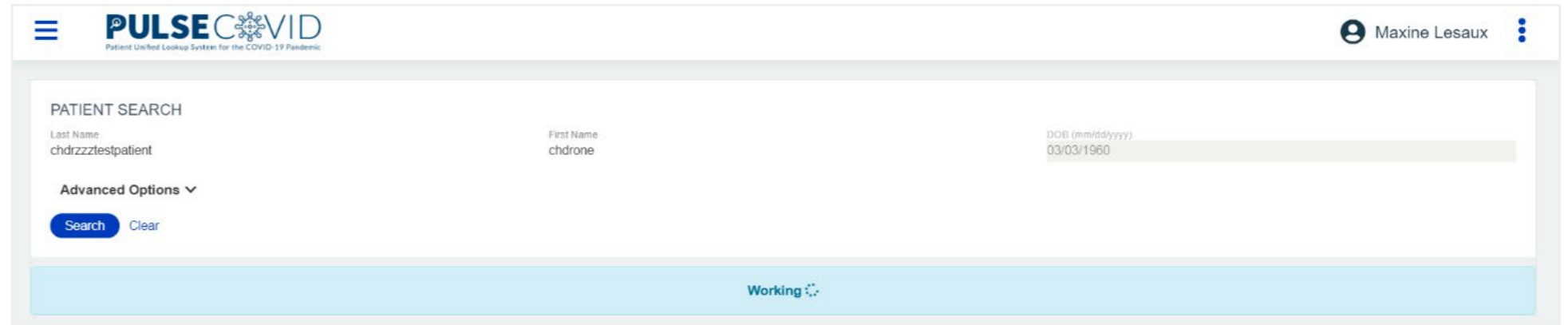
Gender \_\_\_\_\_ Middle Initial \_\_\_\_\_ Address \_\_\_\_\_ City \_\_\_\_\_

State \_\_\_\_\_ Zipcode \_\_\_\_\_ Phone \_\_\_\_\_

**Search** Clear

## Step 2

After selecting search, PULSE-COVID will send the patient search to organizations on the eHealth Exchange. While this occurs, a light blue bar will be displayed. This process may take up to 1 minute.



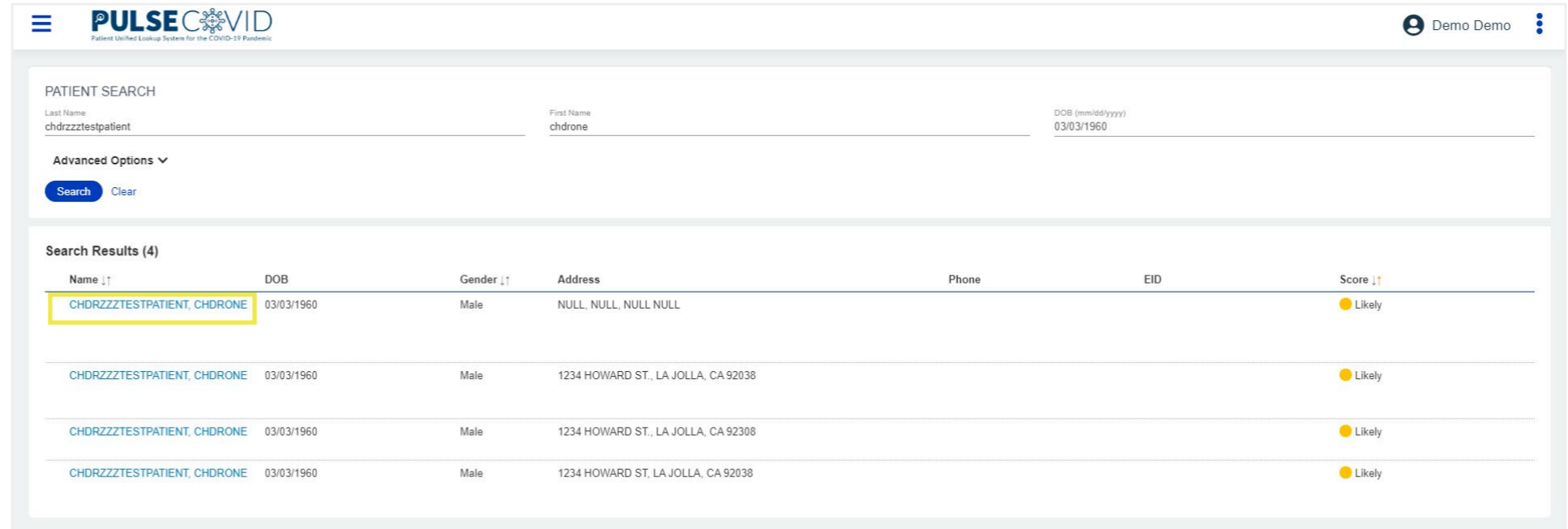
The screenshot shows the PULSE COVID Patient Unified Lookup System interface. At the top, there is a navigation menu icon, the PULSE COVID logo, and the user name Maxine Lesaux. The main search area is titled "PATIENT SEARCH" and contains three input fields: "Last Name" with the value "chdrzzzlestpatient", "First Name" with the value "chdrone", and "DOB (mm/dd/yyyy)" with the value "03/03/1960". Below these fields is an "Advanced Options" dropdown menu and two buttons: "Search" and "Clear". A light blue bar at the bottom of the search area displays the text "Working" with a circular refresh icon.



## Step 3

If the eHealth Exchange organizations have matching patient records for the patient who was searched for, PULSE-COVID will return the matching demographic records. Most organizations use a fuzzy match search, so please input as much demographic information as possible.

Once the search is complete, the search results will be displayed. Each row corresponds to a patient record from a different organization on the eHealth Exchange. In order to view the patient's associated documents, click on the link of the patient's name.



The screenshot shows the PULSE COVID Patient Search interface. The search criteria are: Last Name: chdrzztestpatient, First Name: chdrone, and DOB: 03/03/1960. The search results table contains four rows, all with a 'Likely' score. The first row is highlighted with a yellow border.

Name	DOB	Gender	Address	Phone	EID	Score
<a href="#">CHDRZZTESTPATIENT, CHDRONE</a>	03/03/1960	Male	NULL, NULL, NULL NULL			Likely
<a href="#">CHDRZZTESTPATIENT, CHDRONE</a>	03/03/1960	Male	1234 HOWARD ST., LA JOLLA, CA 92038			Likely
<a href="#">CHDRZZTESTPATIENT, CHDRONE</a>	03/03/1960	Male	1234 HOWARD ST., LA JOLLA, CA 92308			Likely
<a href="#">CHDRZZTESTPATIENT, CHDRONE</a>	03/03/1960	Male	1234 HOWARD ST, LA JOLLA, CA 92038			Likely

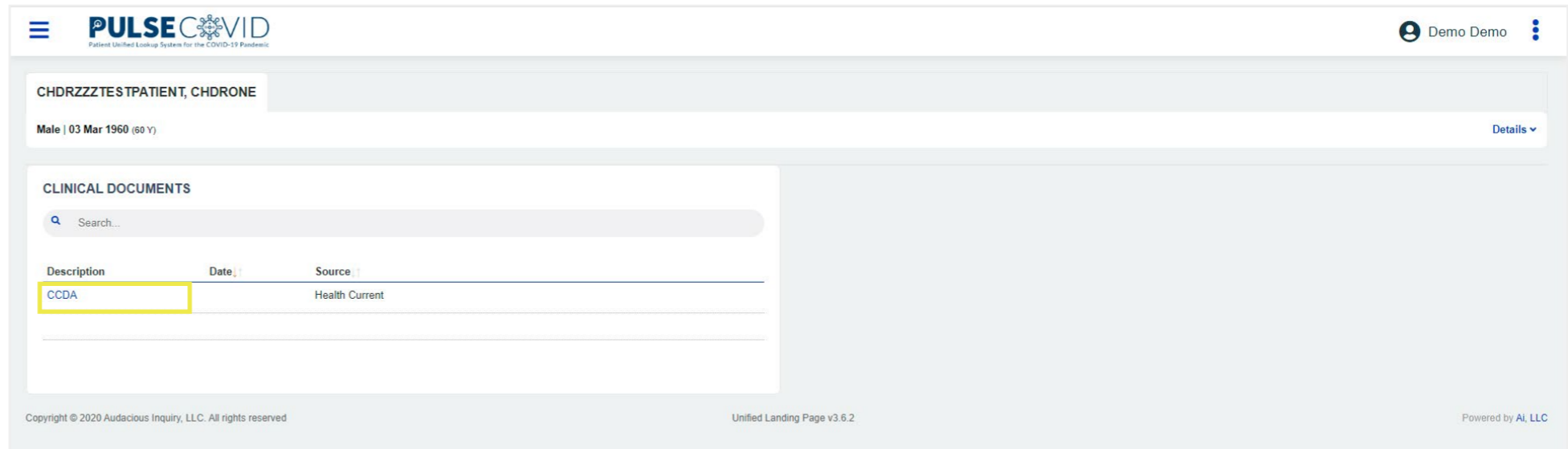


## Step 4

Once you select a patient, then a query will be sent to the eHealth Exchange to retrieve any associated patient documents. PULSE-COVID will attempt to retrieve documents for up to 60 seconds.

Select the Details button at the top right corner of the screen to view the patient's demographics. The documents returned can be sorted by date and source using the arrows to the right of each heading. C-CDAs will be the most common document type returned. Please note that a document's date is the date for which the document was generated from an EMR to respond to the eHealth Exchange query. This is not the date of the encounter.

*Note: While we predict that each patient should have between one to ten documents, some patients may have zero documents.*

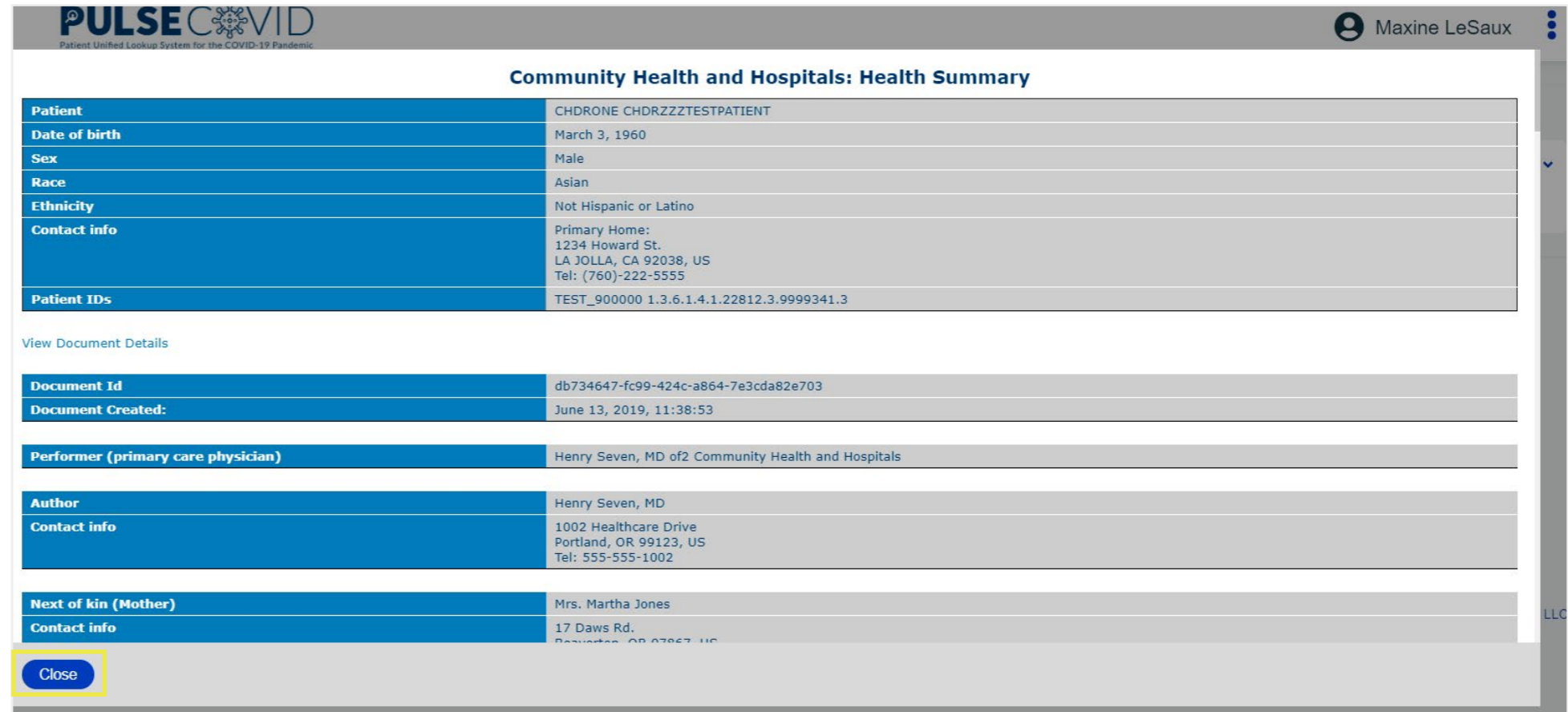


The screenshot displays the PULSE COVID portal interface. At the top, the logo for PULSE COVID (Patient Unified Lookup System for the COVID-19 Pandemic) is visible on the left, and a 'Demo Demo' user indicator is on the right. Below the header, the patient's name 'CHDRZZZTESTPATIENT, CHDRONE' is shown in a search bar. Underneath, the patient's demographics are listed: 'Male | 03 Mar 1960 (60 Y)'. A 'Details' button is located to the right of the demographics. The main section is titled 'CLINICAL DOCUMENTS' and includes a search bar. Below this is a table with columns for 'Description', 'Date', and 'Source'. A single document is listed with the description 'CCDA' (highlighted in yellow), and the source is 'Health Current'. At the bottom of the page, there is a copyright notice: 'Copyright © 2020 Audacious Inquiry, LLC. All rights reserved.' and a version number: 'Unified Landing Page v3.6.2'. The footer also indicates 'Powered by AI, LLC'.

## Step 5

You can now view the clinical document by selecting the name of the document. Please scroll down to view all clinical information. We expect most organizations will provide information such as problems, medications, and allergies complete, select the “close” button

*Note: CCDAs formatting may differ depending on the organization where it originated.*



**PULSE COVID**  
Patient Unified Lookup System for the COVID-19 Pandemic

Maxine LeSaux

### Community Health and Hospitals: Health Summary

<b>Patient</b>	CHDRONE CHDRZZZTESTPATIENT
<b>Date of birth</b>	March 3, 1960
<b>Sex</b>	Male
<b>Race</b>	Asian
<b>Ethnicity</b>	Not Hispanic or Latino
<b>Contact info</b>	Primary Home: 1234 Howard St. LA JOLLA, CA 92038, US Tel: (760)-222-5555
<b>Patient IDs</b>	TEST_900000 1.3.6.1.4.1.22812.3.9999341.3

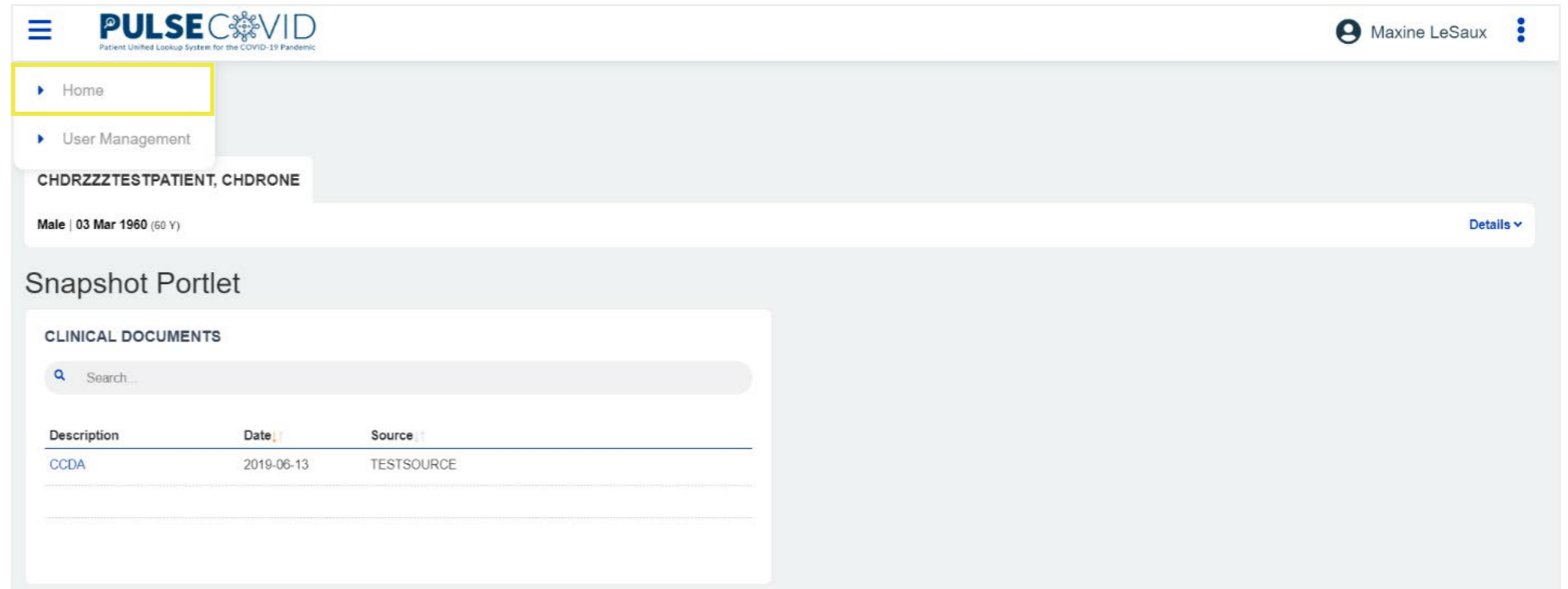
View Document Details

<b>Document Id</b>	db734647-fc99-424c-a864-7e3cda82e703
<b>Document Created:</b>	June 13, 2019, 11:38:53
<b>Performer (primary care physician)</b>	Henry Seven, MD of2 Community Health and Hospitals
<b>Author</b>	Henry Seven, MD
<b>Contact info</b>	1002 Healthcare Drive Portland, OR 99123, US Tel: 555-555-1002
<b>Next of kin (Mother)</b>	Mrs. Martha Jones
<b>Contact info</b>	17 Daws Rd. Beaverton, OR 97007, US

Close

## Step 6

In order to search for another patient, select the “Close” button in the clinical document. Navigate to the Menu tab and select “Home.”



The screenshot shows the PULSE COVID portal interface. At the top, there is a navigation menu with 'Home' and 'User Management' options. The 'Home' option is highlighted with a yellow box. Below the menu, the patient information is displayed: 'CHDRZZZTESTPATIENT, CHDRONE', 'Male | 03 Mar 1960 (60 Y)', and a 'Details' button. The main content area is titled 'Snapshot Portlet' and contains a 'CLINICAL DOCUMENTS' section. This section has a search bar and a table with the following data:

Description	Date	Source
CCDA	2019-06-13	TESTSOURCE

## Step 7

The user will be navigated back to the patient search page. Select the “Clear” button to remove previous patient demographics.

**PATIENT SEARCH**

Last Name: chdzzztestpatient      First Name: chdrone      DOB (mm/dd/yyyy): 03/03/1960

Advanced Options ▾

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**Search Results (1)**

Name ↓↑	DOB	Gender ↓↑	Address	Phone	EID	Score ↓↑
CHDRZZZTESTPATIENT, CHDRONE	03/03/1960	Male	1234 HOWARD ST., LA JOLLA, CA 92038			<span style="color: green;">●</span> Very Likely

## National Health Information Networks

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The eHealth Exchange is the primary data source for PULSE COVID. The eHealth Exchange is the largest query-based, health information in the country. It is the principal network that connects federal agencies and non-federal organizations, allowing them to work together to improve patient care and public health.

Texas will have a pre-configured group of organizations for which PULSE COVID will query with each patient search. These organizations will be those located in Texas as well as organizations with national coverage, such as the Department of Defense, the Department of Veterans Affairs, Kaiser Permanente, MyDirective, Social Security Administration, Veterans Health Administration, and Walgreens.

A full listing of participating organizations on the eHealth Exchange can be [found here](#).