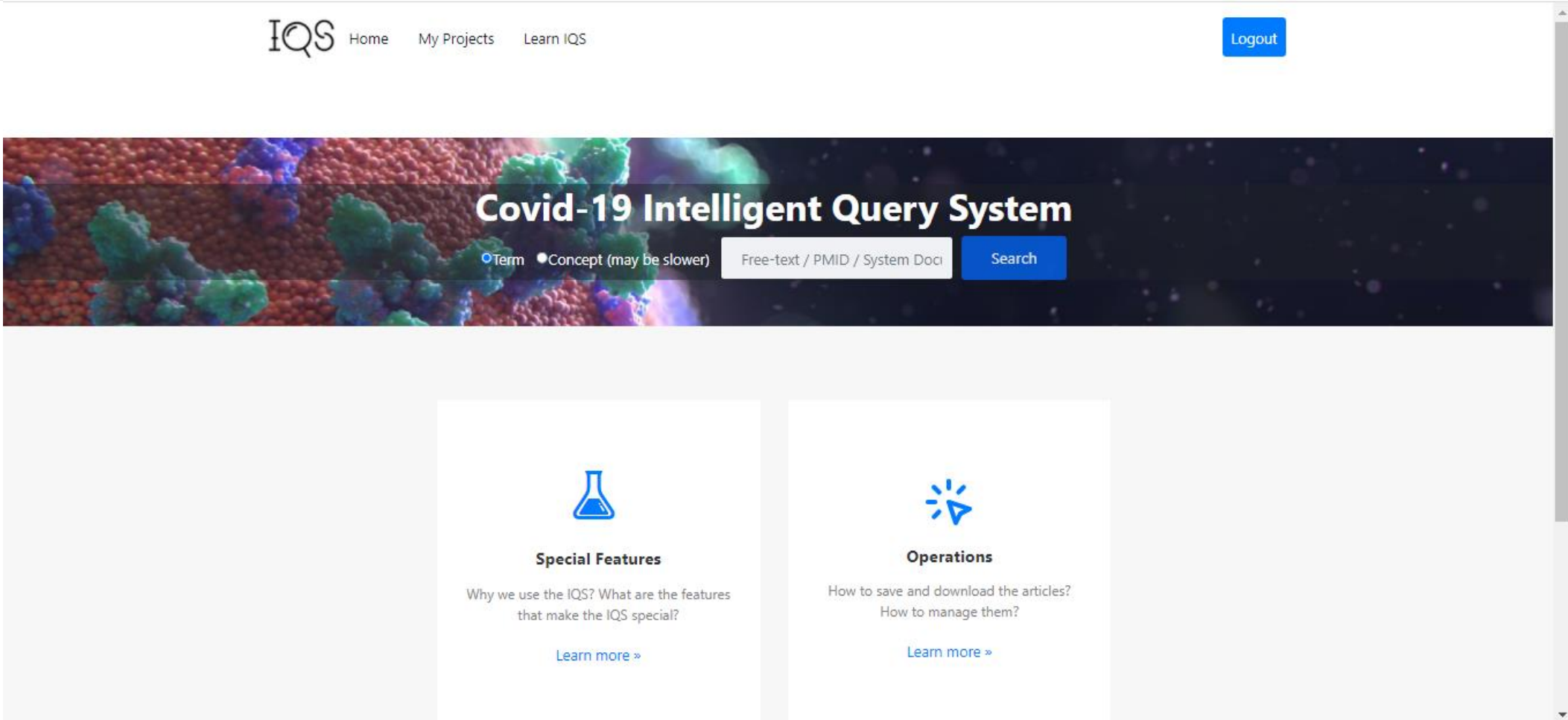


# COVID-19 Intelligent Query System Usage Instruction



➤ Want to explore more interesting projects from our iCDCU team? Visit our official page: [icdcu.org/home](https://icdcu.org/home)

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# 1. Introduction to COVID-19 Intelligent Query System (COVID-IQS)

## Why IQS?

The IQS is a supplementary tool to PubMed, find out inspiration for your research with our search engine!



80% of data source from the reliable PubMed accelerate your reading of major studies.

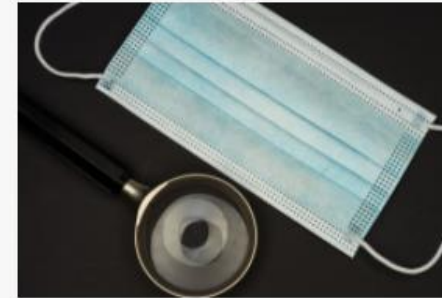
Together with the studies from preprint sources(e.g., medRxiv and bioRxiv), IQS enables your learning of the state-of-the-art research.

Unique text extraction highlights key information, not only the keywords.



Categorize found articles with repository feature and manage them in an easy way.

Collaborative functions simplify the article sharing with your team members (coming soon).



Three different query modes free up your search flexibility.





For example: **Concept query** finds you related articles based on the concepts of an existing study. [Learn more](#)

COVID-19 Intelligent Query System (COVID-IQS) was a web project started by iCDCU lab at University of Cincinnati in 2019. Our project aims to provide a search engine specialized in medical articles to provide more reliable sources of information for everybody during and after COVID pandemic. After many updates, our databases now contain nearly **30,000** medical articles gathered from multiple prestigious sources including PubMed. Our users could search for articles of their interest, store articles in their own projects, and share such projects to other COVID-IQS users.

## 2. System requirements

### 2.1 Internet browser requirements

For optimal performance, use a web browser with JavaScript enabled. We strongly suggest our users to pick one of these following browsers:

- Apple Safari on the iPad 
- Google Chrome 54 or later 
- Microsoft Internet Explorer 11 or later 
- Mozilla Firefox ESR 45 or version 48 or later 

### 2.2 Network requirements

Our users have to satisfy **BOTH** conditions to be able to use COVID-IQS:

- Having an accessible 6+2 email provided by University of Cincinnati (UC)

**AND**

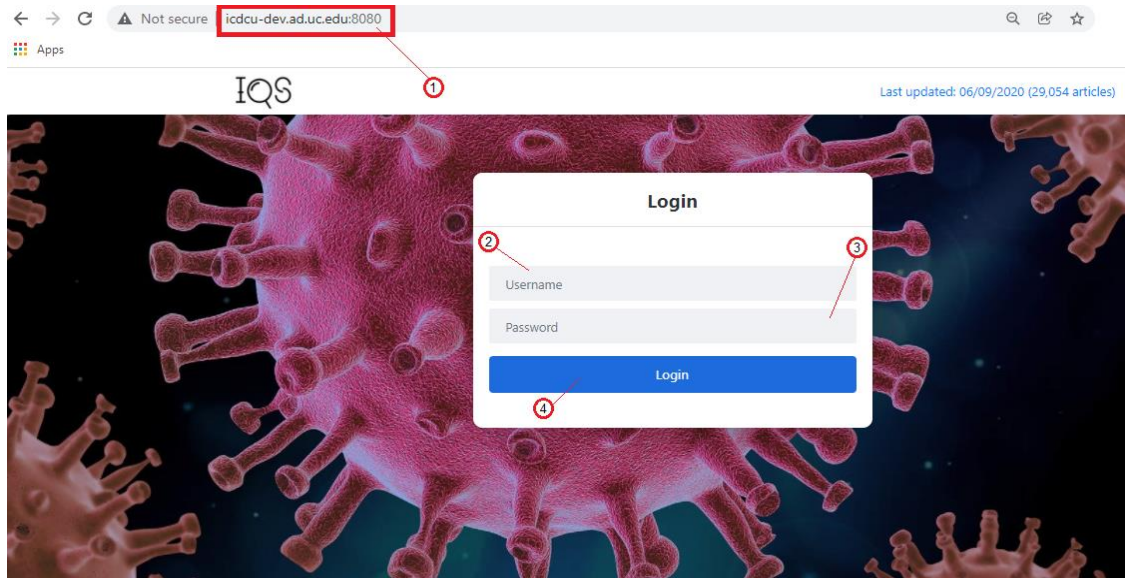
- Being in UC internal network such as UC Secure

**OR**

- Connecting to UC internal network with SSL VPN. More details could be found at:  
[uc.edu/about/ucit/services/connectivity-fac-staff/vpn.html](http://uc.edu/about/ucit/services/connectivity-fac-staff/vpn.html)

## 3.1 Starting

### 3.1.a How to login?



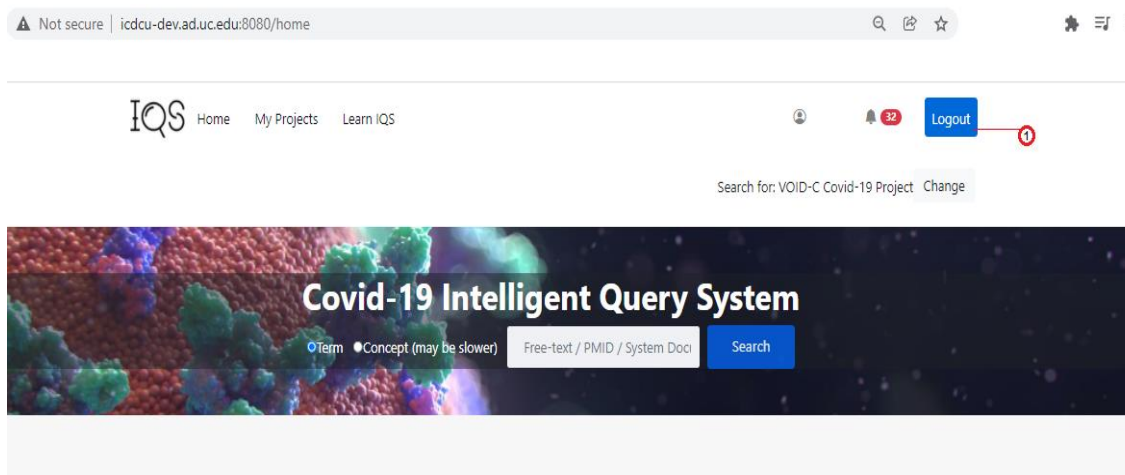
1. Visit COVID-IQS website at <http://icdcu-dev.ad.uc.edu:8080/>

2. Type in your UC 6+2 username

3. Type in your UC 6+2 password

4. Click on “Login”

### 3.1b How to logout?



1. Click on “Logout”

## 3.2 Searching articles

### 3.2a How to search articles?

← → ↻ Not secure | icdcu-dev.ad.uc.edu:8080/home

Apps

**IQS** Home My Projects Learn IQS

Logout

No project chosen ● Change

**Covid-19 Intelligent Query System**

☐ Term ☐ Concept (may be slower) covid vaccine

1 2 3

1. Select your search mode: either Term or Concept

2. Type in your keyword.  
Keywords could be words with any length or document ID

3. Click on “Search”

### 3.2b How to filter search results?

← → ↻ Not secure | icdcu-dev.ad.uc.edu:8080/search?optradio=term&search\_content=covid+vaccine

Apps

**IQS** Home My Projects Learn IQS

Logout

No project chosen ● Change

☐ Term ☐ Concept (may be slower) covid vaccine

1 2 3

We found out 30 articles for you!

Journal Article:Video-Audio Media **DOC ID: 82012** [Save to my repository](#)

**covid-19 vaccine: Promoting vaccine Acceptance.**

[Full Text](#) [Citation](#)

Citation Count: 1  
Authors: Laine, Christine;Cotton, Deborah;Moyer, Darilyn V  
Publish time: 2020-12-22

While many questions remain about covid-19 vaccine, there has been great progress since mid-October 2020, when Annals of Internal Medicine and the American College of Physicians (ACP) hosted our first forum about covid-19 vaccine (1). As we hosted our second forum on 16 December 2020, Americans and others around the globe were beginning to be vaccinated to protect them from covid-19. Now comes the hard work of making sure sufficient numbers of people are vaccinated to end this pandemic.

[+Read more](#)

Journal Article:Research Support, N.I.H., Extramural **DOC ID: 60016** [Save to my repository](#)

**Publication Type**

☐ Preprint

☒ Review

☐ Case Reports

☒ Journal Article

**Date**

2019/01/01 - 2022/01/29

Jan 2019

Su	Mo	Tu	We	Th	Fr	Sa
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2
3	4	5	6	7	8	9

Feb 2019

Su	Mo	Tu	We	Th	Fr	Sa
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	1	2
3	4	5	6	7	8	9

2019/01/01 - 2022/01/29 [Cancel](#) [Apply](#)

3

1. Tick/untick the publication type you want/don't want

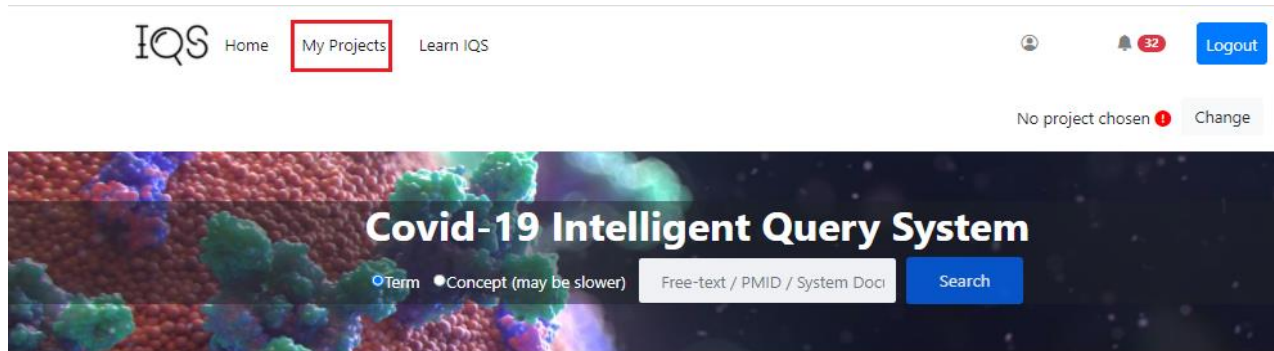
2. Type in the date range you want to filter your articles

3. Click “Apply” to apply filter to search result

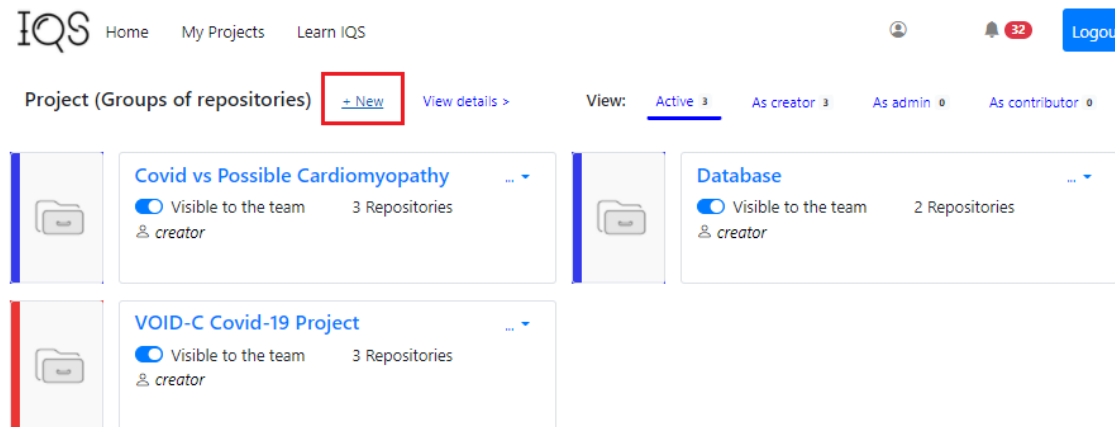
## 3.3 Managing projects

### 3.3a How to create your own project?

1. At your home page, click on “My Projects”. You will be directed into “Project Overview” page



2. Click on “+ New”. A modal will pop up to prompt for information of your new project.





### 3. Fill in information

The screenshot shows a 'Project Name' modal with the following fields and annotations:

- Project Name:** A text input field containing 'Sample Project'. A red circle with the number '3' is positioned above it, with three red lines pointing to the input field.
- Project Description:** A text area containing 'Testing project for today'. A red line points from the '3' annotation to this field.
- Project Color:** A section with a grid of color swatches (red, yellow, green, cyan, blue, magenta, black) and a color picker showing the hex code '#83eb34'. A red line points from the '3' annotation to the color picker.
- Invite member to the Team:** A section with a text input field containing 'andyc', a blue '+' button, and a list of members below:
  - Member 1: 'vuhg' with a 'Contributor' dropdown and a red '-' button.
  - Member 2: 'wutz' with a 'Contributor' dropdown and a red '-' button.A red circle with the number '4' is positioned above the '+' button, with three red lines pointing to the '+' button, the 'vuhg' member row, and the 'wutz' member row.
- Done:** A blue button at the bottom right. A red circle with the number '5' is positioned above it, with a red line pointing to the button.

4. Invite other members to your project. To do so, type in 6+2 of the invited user and click “+” for each user. Click on “-” to remove user

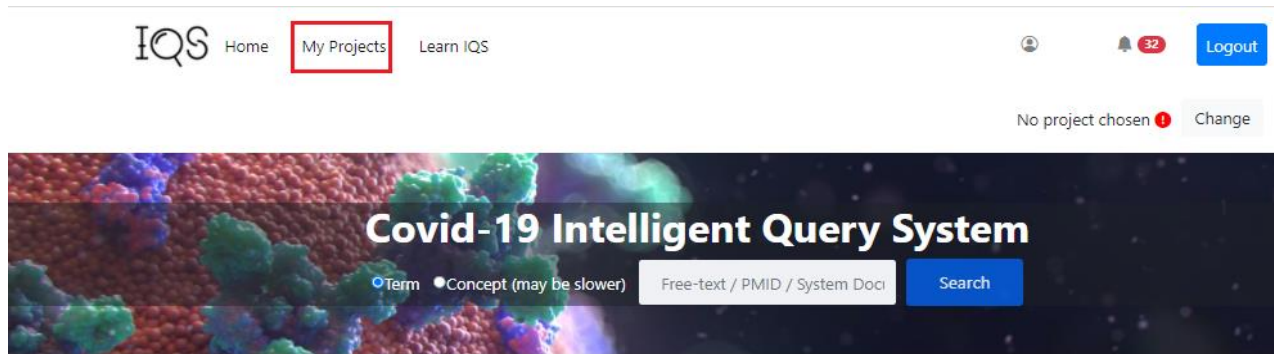
5. Click on “Done” after finishing



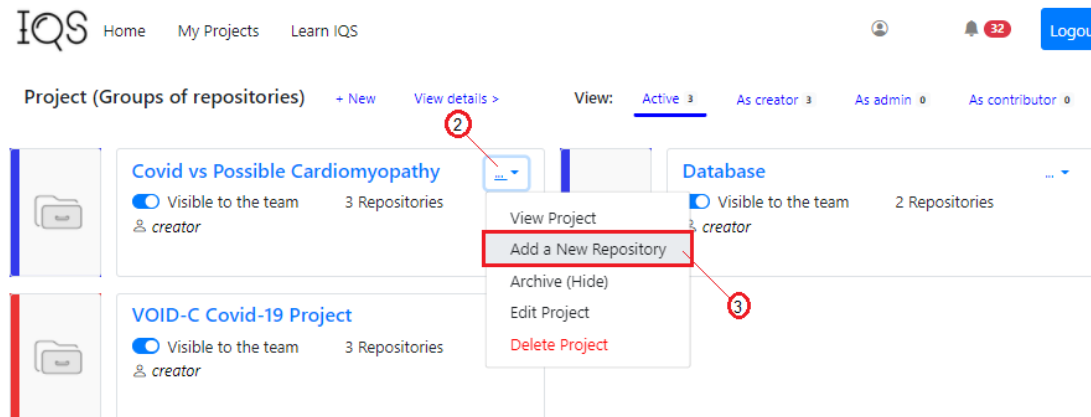
## 3.3 Managing projects

### 3.3b How to add repositories?

1. At your home page, click on “My Projects”. You will be directed into “Project Overview” page

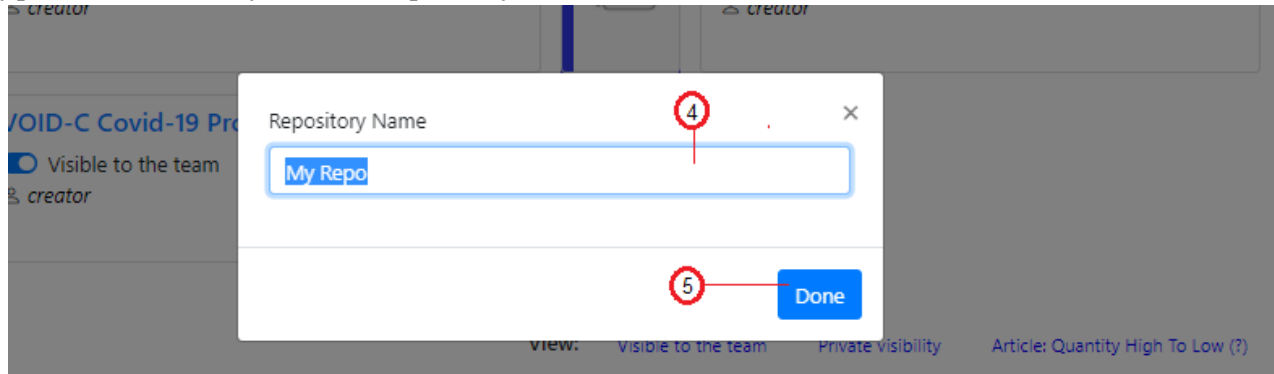


2. Click on your “...” of the project you want to add repositories. A dropdown will appear.



3. Click on “Add a New Repository”

4. Type in the name of your new repository



5. Click on “Done” after finishing

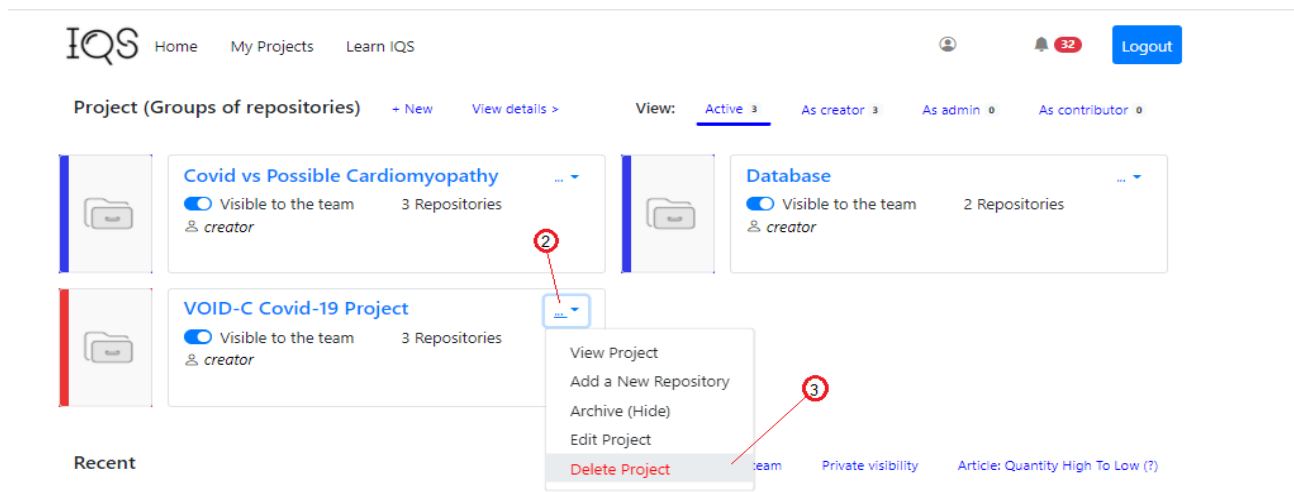
## 3.3 Managing projects

### 3.3c How to delete project?

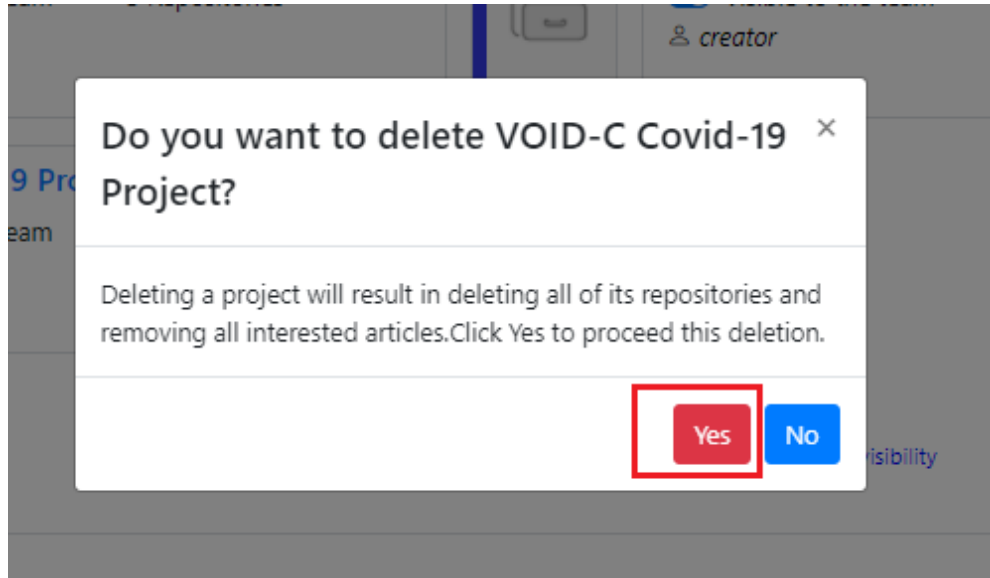
1. At your home page, click on “My Projects”. You will be directed into “Project Overview” page



2. Click on your “...” of the project you want to delete. A dropdown will appear.



3. Click on “Delete Project”. A confirm dialogue will appear
4. Click on “Yes” to confirm deleting your project. Click on “No” or on “X” to stop deleting.



## 3.4 Contributing to projects

### 3.4a How to add/remove articles to repositories?

The screenshot shows the IQS website interface. At the top, there's a navigation bar with 'Home', 'My Projects', and 'Learn IQS'. A search bar contains 'covid vaccine' and a 'Search' button. To the right, there's a 'Project' dropdown menu with a 'Change' button. Below the search bar, a sidebar on the left shows 'Publication Type' filters: Preprint, Review, Case Reports, and Journal Article. The main content area displays search results for 'covid vaccine', including a 'Full Text' button and a 'Citation' button. A dropdown menu is open, showing options to 'Save to my repository', 'Default repository', 'Covid statistics', and 'Covid vaccine side effect'. The dropdown menu also includes a '+ Add repository' button.

1. Click on "Change" to select a project containing the repositories into which you want to add article

2. Click on "Save to my repository" of the article you want to add

3. Toggle the button of the repository into which you want to add that article