

COVIDIST

User's Manual

*By Daniel Anchuela, Álvaro De La Fuente,
Pablo Rodríguez and Alfonso Gordon*

Index

- **Register**
- **Login**
- **Delete user**
- **Doctors**
- **Administration**
- **Laboratory**

Register

This window appears after clicking on “Register” button at the first window (Figure 1)

In this window the user will be able to create a new account at the application configuring his email and password, there are 3 types of account with different actions each one:

- Doctor: look up page 6 for more information about the account type.
- Laboratory (*Lab*): look up page for more information about the account type.
- Administration: look up page for more information about the account type.

First, the new user must indicate which type of account wants to create (if it's a doctor, a laboratory manager or a government, Figure 2)

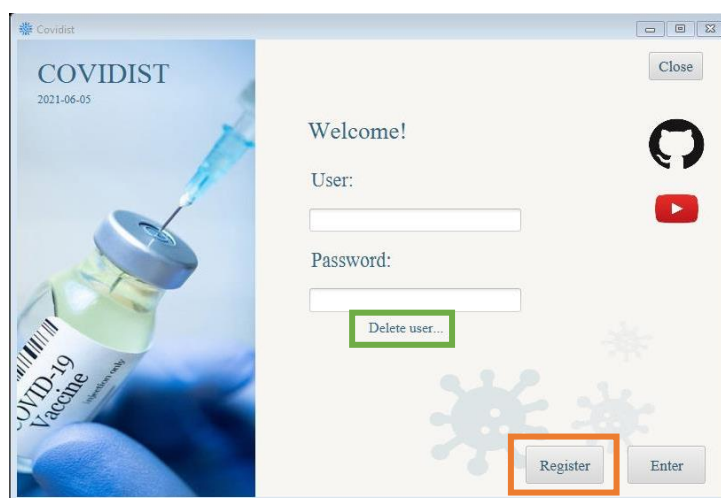


Figure 1

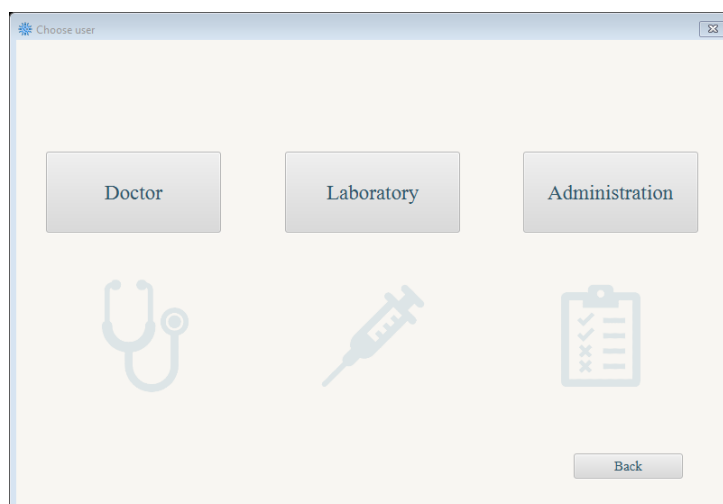
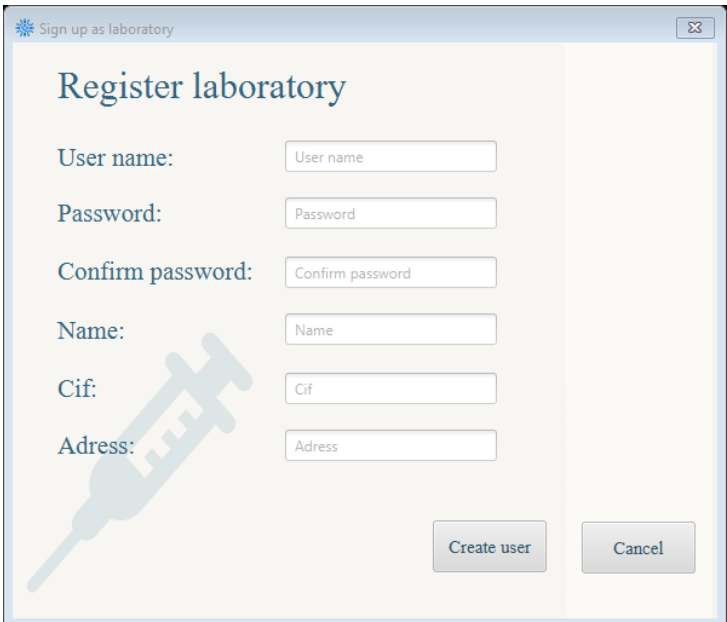


Figure 2

After selecting the account type, you must enter the basic information (including the username and the password) for the account depending on if you chose Doctor (Figure 4), Laboratory (Figure 3) or Administration (Figure 5). You will find the secret government password list here:

https://github.com/afuente9/COVID_APP/blob/master/Usefull_Info/SecretNumberGoverme

[nts.pdf](#). At last, but not least, press the button “Create user” for finishing the process.



The screenshot shows a web application window titled "Sign up as laboratory". Inside, the heading "Register laboratory" is displayed. The form contains six input fields: "User name", "Password", "Confirm password", "Name", "Cif", and "Adress". Each field is preceded by its respective label. At the bottom right of the form, there are two buttons: "Create user" and "Cancel". A faint background watermark of a medical syringe is visible on the left side of the form area.

Figure 3



The screenshot shows a web application window titled "Sign up as doctor". Inside, the heading "Register doctor" is displayed. The form contains eight input fields: "User name", "Password", "Confirm password", "Name", "Sex" (with a dropdown menu showing "Male - Female"), "Birth date" (with a date format "yyyy-mm-dd"), "Collegiate number", "Hospital", and "Speciality". Each field is preceded by its respective label. At the bottom right of the form, there are two buttons: "Create user" and "Cancel". A faint background watermark of a medical stethoscope is visible on the left side of the form area.



Figure 4



Figure 5

Login

At the first windows (Figure 1) you can enter a user with a password if they are created also, if you click on the different images, you will get redirected to different web sites:

- Clicking on the GitHub icon (): you will be redirected to the git at https://github.com/afuente9/COVID_APP
- Clicking on the YouTube icon (): you will be redirected to a video resume of the whole project at <https://www.youtube.com/channel/UCBQV-dq1lpqNpiz5kmO7V8Q>
- Clicking on the COVID-19 vaccine image: you will be redirected to the official webpage of the project at <https://alvarodelafuentebo.wixsite.com/covidist> where you can see more information about the project.

After introducing the username and the password you will access to different menus:

- Doctor: look up page 6 for more information about the account type.
- Laboratory (*Lab*): look up page 10 for more information about the account type.
- Administration: look up page 8 for more information about the account type.

Delete user

For deleting your user, you must click on the “Delete user” (Figure 1), then you will be asked to provide your user and password (Figure 6).

A screenshot of a web application window titled "Delete account". The window has a light blue header bar with a gear icon and a close button. The main content area is white and contains the text "Fill the fields:". Below this, there are three input fields: "User name:" with a text box containing "User name", "Password:" with a text box containing "Password", and "Repeat password" with a text box containing "Repeat password". There is a small eye icon to the right of the "Repeat password" field. At the bottom right, there are two buttons: "Delete" and "Back". There are also faint background icons of a stethoscope, a syringe, and a checklist.

Figure 6

Doctors

As a doctor, the user will have different options that can be chosen from the doctor's menu (Figure 8):

- Add a patient (Figure 7): for introducing a new patient in the database.
- Search or modify a patient (Figure 10): allows to look inside the database for looking for a determined patient, also you can filter and sort the patients list. For accessing to the table click on "Use the table"
- Modify the own data (Figure 9): you can modify the information about yourself from here.
- See and change the profile picture (Figure 8): the profile picture will be shown at full screen.

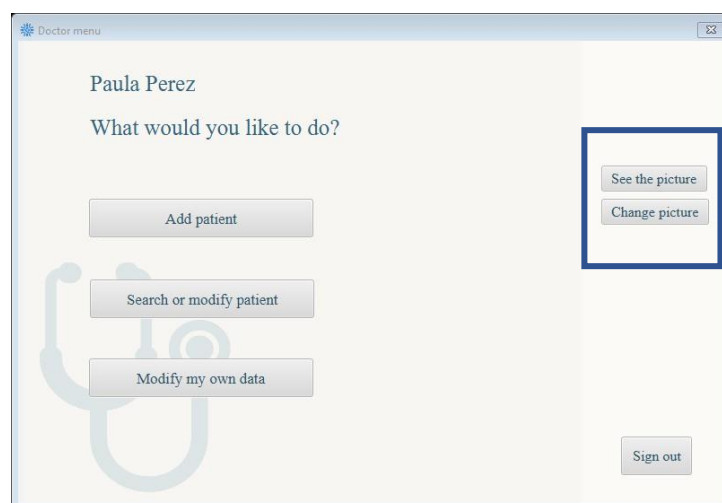
A screenshot of a web application window titled "Doctor menu". The window has a light blue header bar with a gear icon and a close button. The main content area is white and contains the text "Paula Perez" and "What would you like to do?". Below this, there are four buttons: "Add patient", "Search or modify patient", "Modify my own data", and "Sign out". On the right side, there is a vertical sidebar with two buttons: "See the picture" and "Change picture", which are highlighted by a blue rectangular box.

Figure 7

Add patient

Introduce the data of the new patient

Name: Social security number: Birth date: Country:

Sex: Blood group: Height: Weight:

Hospital: Place: Vaccinated:

Medications:

Other pathologies:

Figure 8

Search patient

There are x patients with coronavirus

Filter date from:

Search by:

Name	Birth...	Sex	Height	W...	S...	Hos...	Infected	Introd...	Alive	Blood	Vacci...	Medication	Pat...
Tabla sin contenido													

Figure 10

Modify doctor

Modify my own data

	New	Current
User name:	<input type="text"/>	doctor5@gma...
Password:	<input type="text"/>	<input type="text"/>
Name:	<input type="text"/>	Paula Perez
Sex:	<input type="text"/>	Female
Birth date:	<input type="text"/>	1999-08-04
Collegiate number:	<input type="text"/>	123456780
Hospital:	<input type="text"/>	Gregorio Marañon
Speciality:	<input type="text"/>	Oncology

Figure 9

Administration

The different governments (or administrations) will have the following options in their respective menu (Figure 11):

- View the total number of vaccines owned by the government (Figure 12). Clicking on “See the info” you will be able to see the information of how many vaccines were produced, when they were produced, and which laboratory produce it.
- Trigger a simulation (Figure 15): uses the information from the patients of the government to calculate the score (View: https://github.com/afuente9/COVID_APP/blob/master/Usefull_Info/paper_formula_english.pdf). Clicking on “Simulation” you will get the information of the patient and the score; you can generate a PDF file by clicking on “PDF report”.
- Notify used vaccines (Figure 14): for update the number of vaccines used.
- Modify user data (Figure 13): allows to modify the administration information.

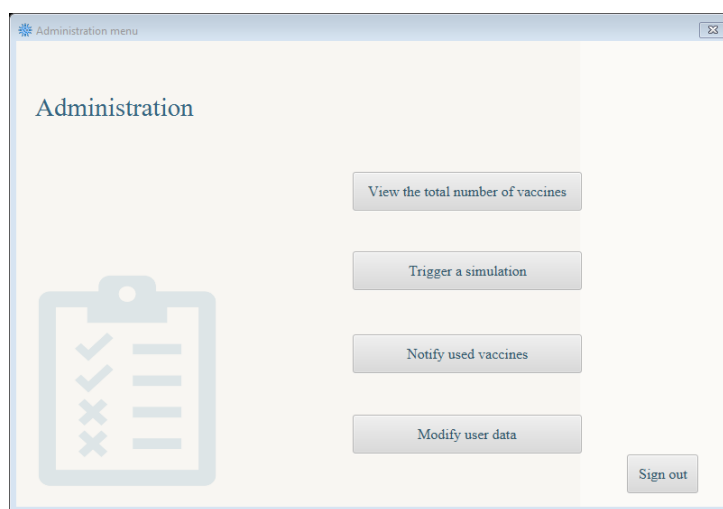


Figure 11

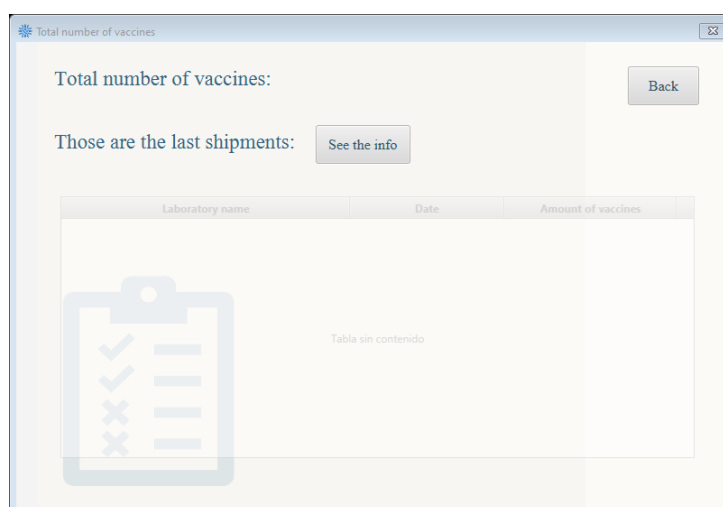


Figure 12

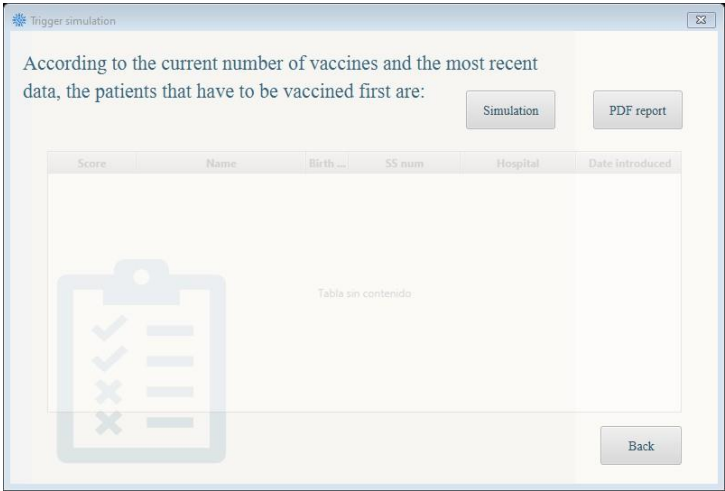


Figure 15

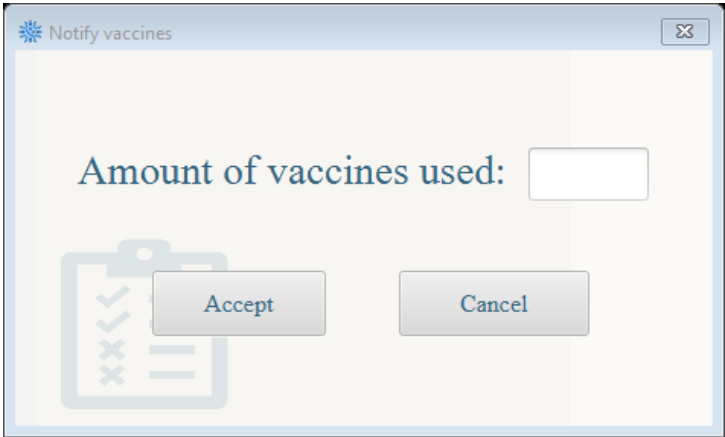


Figure 14

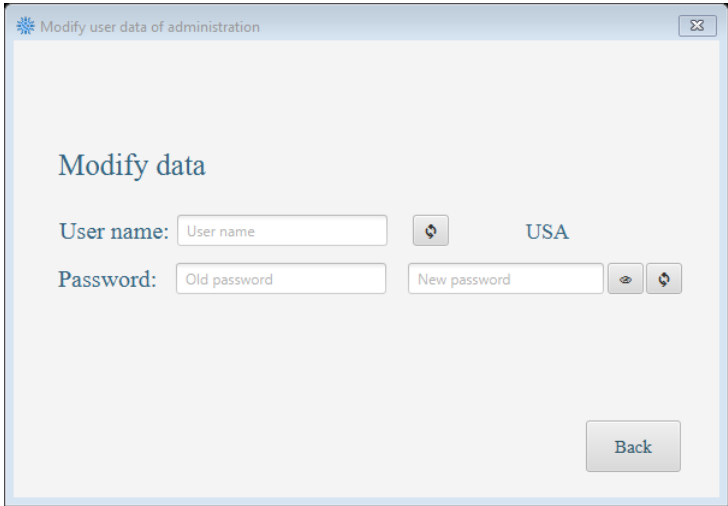


Figure 13

Laboratory

If you log as a laboratory, you will have access to the different options (Figure 16):

- View statistics (Figure 17): shows different graphics depending on the option selected.
- Search patient (Figure 18): allows to look inside the database for looking for a determined patient, also you can filter and sort the patients list. For accessing to the table click on "Use the table".
- Send new shipment (Figure 19): shows a table with the history of the vaccines sent to which government, also allows to create a new shipment.
- Add new batch of vaccines (Figure 20): shows the actual vaccines and allows you to add more to the inventory.
- Modify laboratory data (Figure 21): allows to modify the laboratory basic information.
- See and change the profile picture (Figure 16): the profile picture will be shown at full screen.

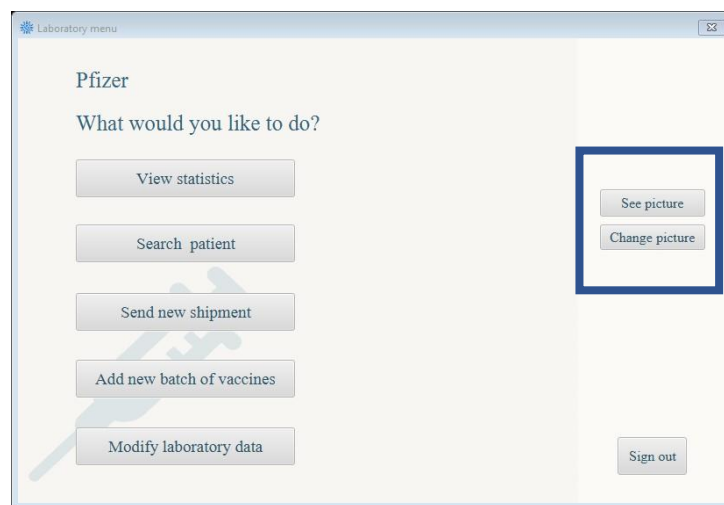


Figure 16

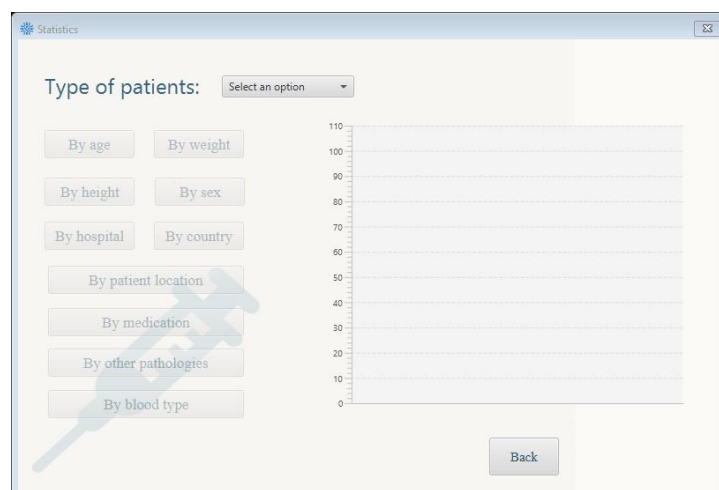


Figure 17

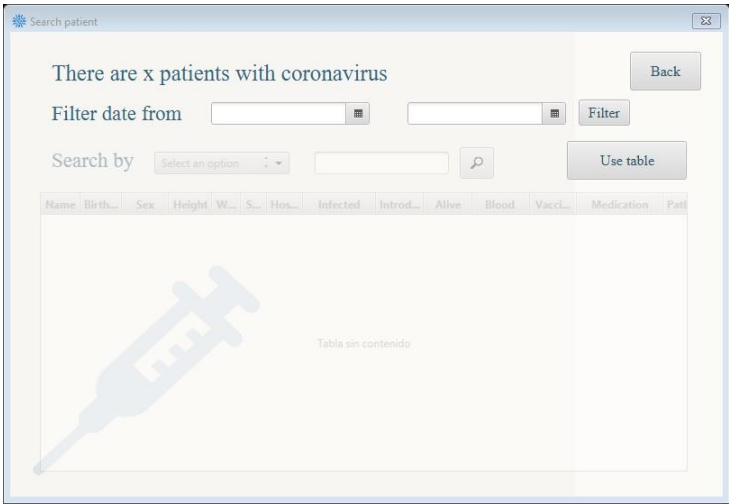


Figure 18

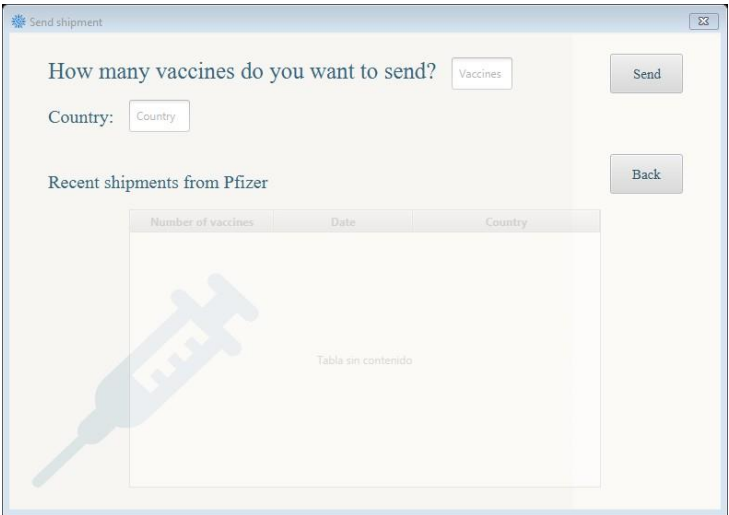


Figure 19

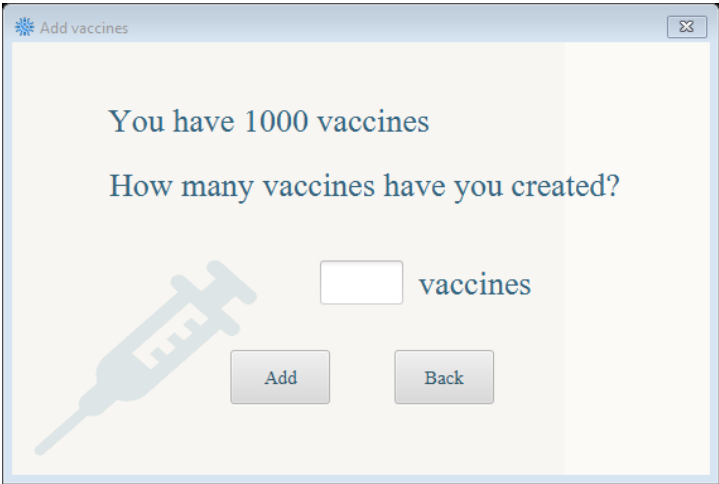


Figure 20

Modify laboratory

Modify data

User name:

User name

lab1...

Password:

Old password

New password

Name:

Name

Pfizer

Cif:

Cif

0945896

Adress:

Adress

Av. de Europa, 20, B, 28108 Alcobendas, Madrid

Back

Figure 21