

COVIDIST

User's Manual

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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)

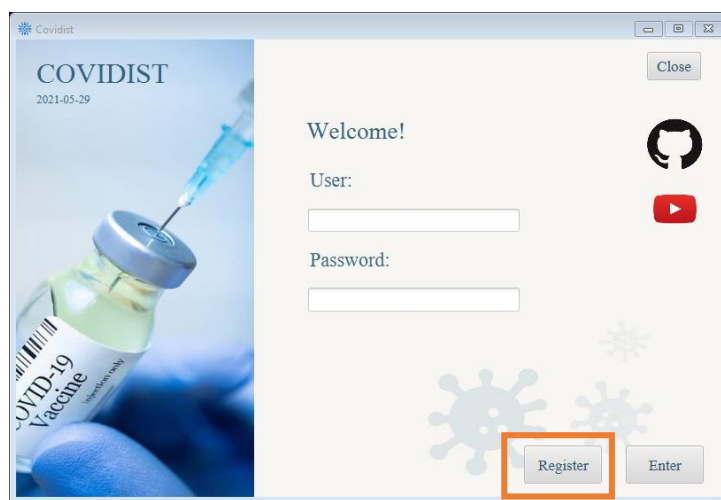


Figure 1

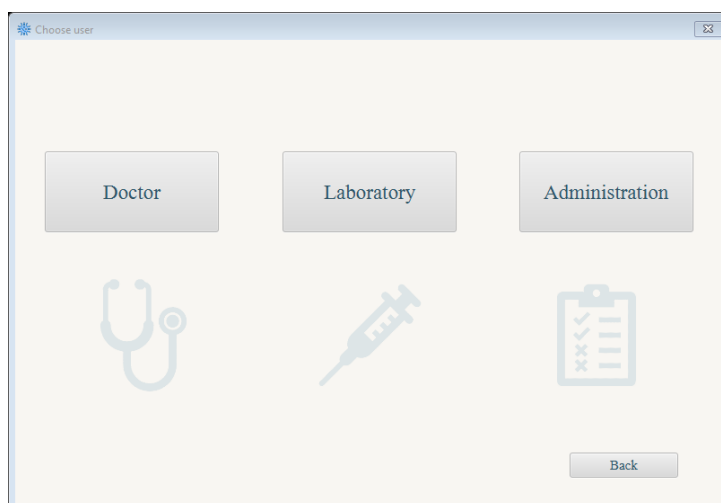


Figure 2

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 3Figure 4) or Administration (Figure 5)**Error! No se encuentra el origen de la referencia.**). At last, but not least, press the button “Create user” for finishing the process.

Sign up as laboratory

Register laboratory

User name:

User name

Password:

Password

Confirm password:

Confirm password

Name:

Name

Cif:

Cif

Adress:

Adress

Create user

Cancel

Figure 3

Sign up as doctor

Register doctor

User name:

User name

Password:

Password

Confirm password:

Confirm password

Name:

Name

Sex:

Male - Female

Birth date:

yyyy-mm-dd

Collegiate number:

Collegiate number

Hospital

Hospital

Speciality

Speciality

Create user



Cancel

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 for more information about the account type.
- Administration: look up page for more information about the account type.

Doctors

As a doctor, the user will have different options that can be chosen from the doctor's menu (Figure 7):

- Add a patient (Figure 6): for introducing a new patient in the database.
- Search or modify a patient (Figure 9): 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 8): you can modify the information about yourself from here.
- See and change the profile picture (Figure 7): the profile picture will be shown at full screen.

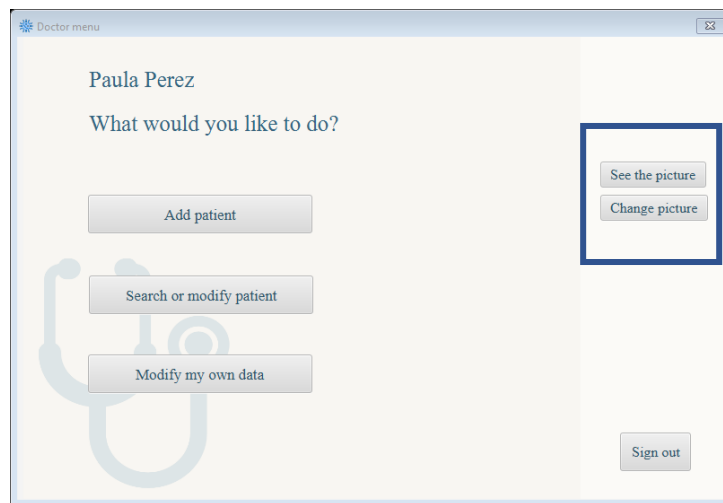


Figure 7

A screenshot of a web application window titled "Add patient". The window has a light blue header bar with a gear icon and the text "Add patient". The main content area is white and contains the heading "Introduce the data of the new patient". Below the heading are several form fields: "Name" (with a placeholder "Name"), "Social security number" (with a placeholder "Social security number"), "Birth date" (with a placeholder "yyyy-mm-dd"), "Country" (with a placeholder "Country"), "Sex" (with a dropdown menu showing "Male - Female"), "Blood group" (with a placeholder "Blood group"), "Height" (with a placeholder "Height"), "Weight" (with a placeholder "Weight"), "Hospital" (with a placeholder "Hospital"), "Place" (with a dropdown menu showing "ICU - Floor - Home"), and "Vaccinated" (with a dropdown menu showing "True - False"). There are two buttons: "Confirm personal information" and "Back". At the bottom, there are two sections: "Medications" and "Other pathologies". Each section has a text input field, an "add" button, and a "See all" button. A faint stethoscope watermark is visible in the background.

Figure 6

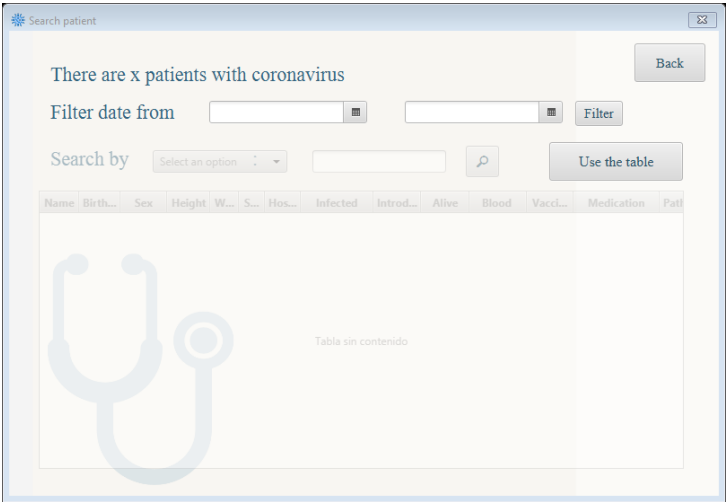


Figure 9

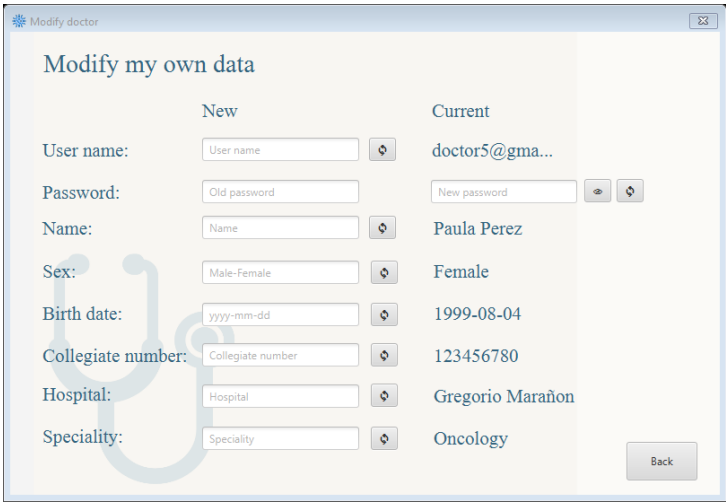


Figure 8

Administration

The different governments (or administrations) will have the following options in their respective menu (Figure 10):

- View the total number of vaccines owned by the government (**¡Error! No se encuentra el origen de la referencia.**). 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 14): uses the information from the patients of the government to calculate the score (View: [https://github.com/afuente9/COVID_APP/blob/master/Usefull Info/Score_Paper.pdf](https://github.com/afuente9/COVID_APP/blob/master/Usefull%20Info/Score_Paper.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 13): for update the number of vaccines used.
- Modify user data (Figure 12): allows to modify the administration information.

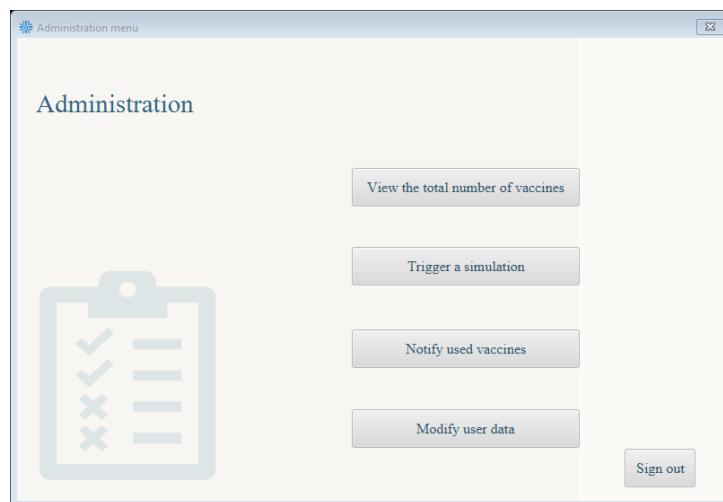


Figure 10

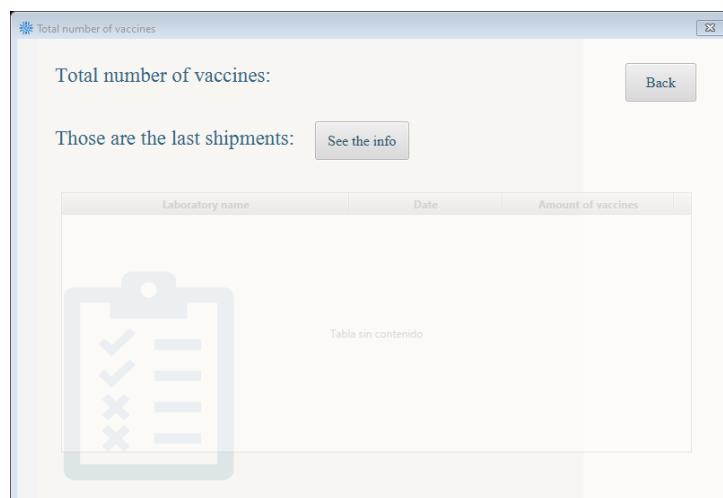


Figure 11

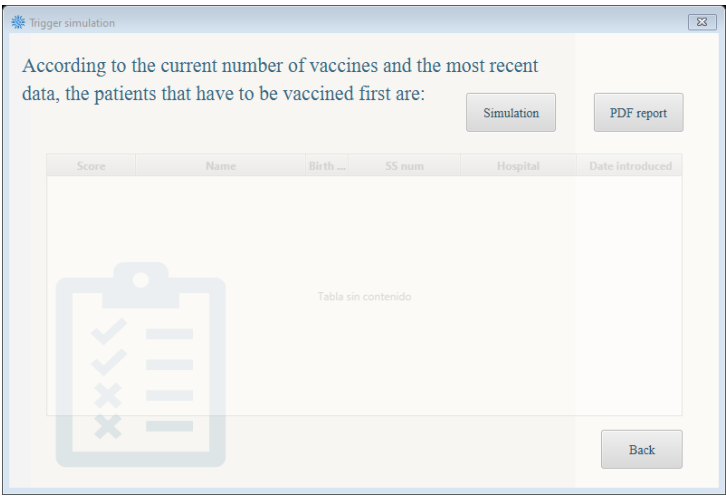


Figure 14

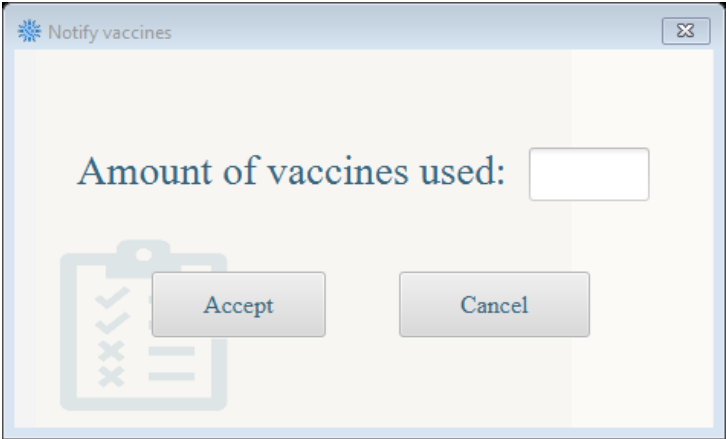


Figure 13

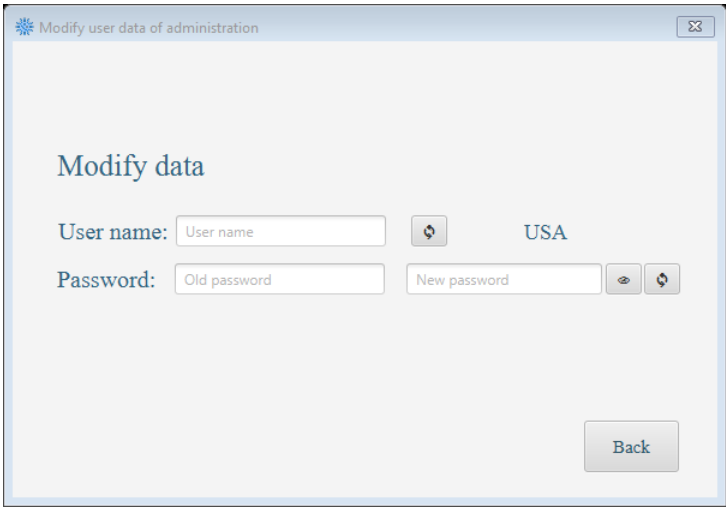


Figure 12

Laboratory

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

- View statistics (Figure 15): shows different graphics depending on the option selected.
- Search patient (Figure 17): 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 18): 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 19): shows the actual vaccines and allows you to add more to the inventory.
- Modify laboratory data (Figure 20): allows to modify the laboratory basic information.
- See and change the profile picture (Figure 16): the profile picture will be shown at full screen.

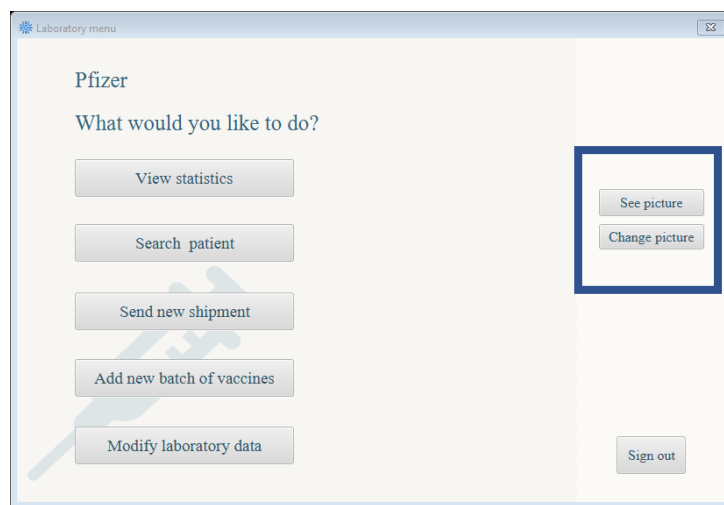


Figure 15

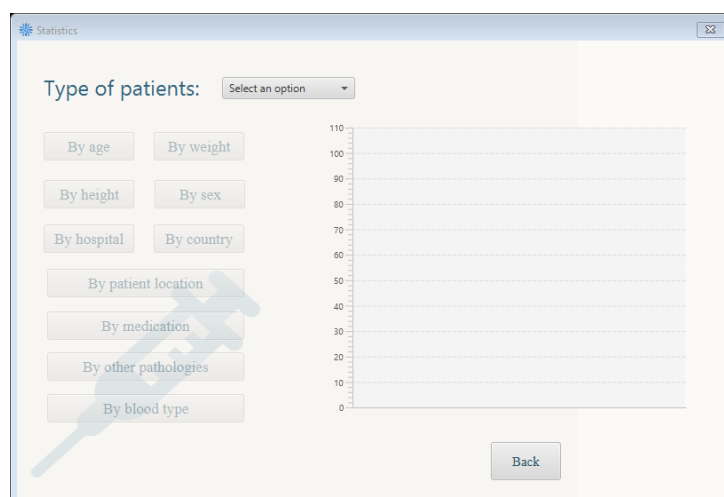


Figure 16

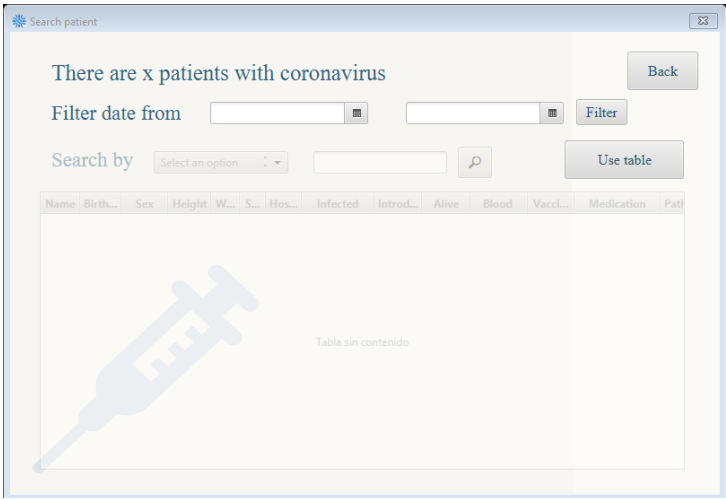


Figure 17

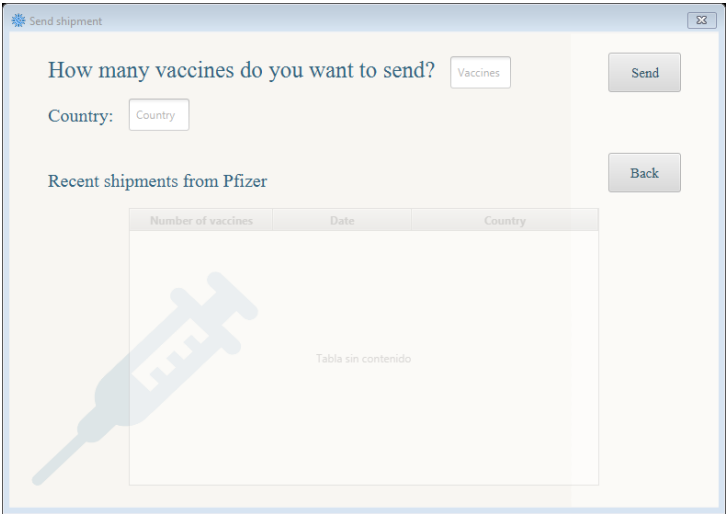


Figure 18

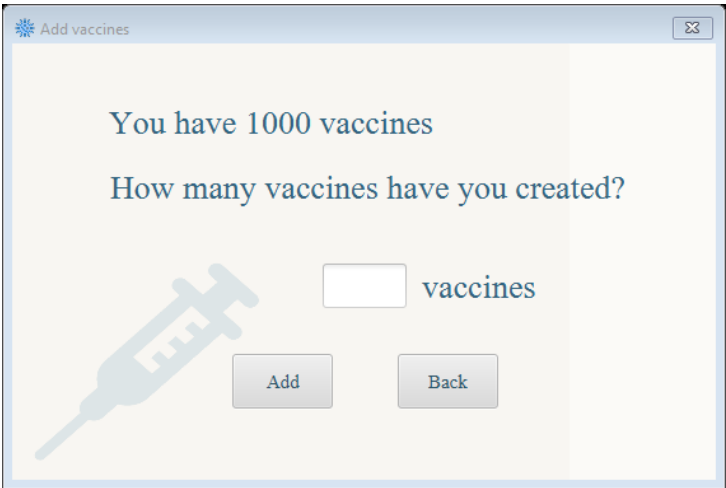


Figure 19

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 20