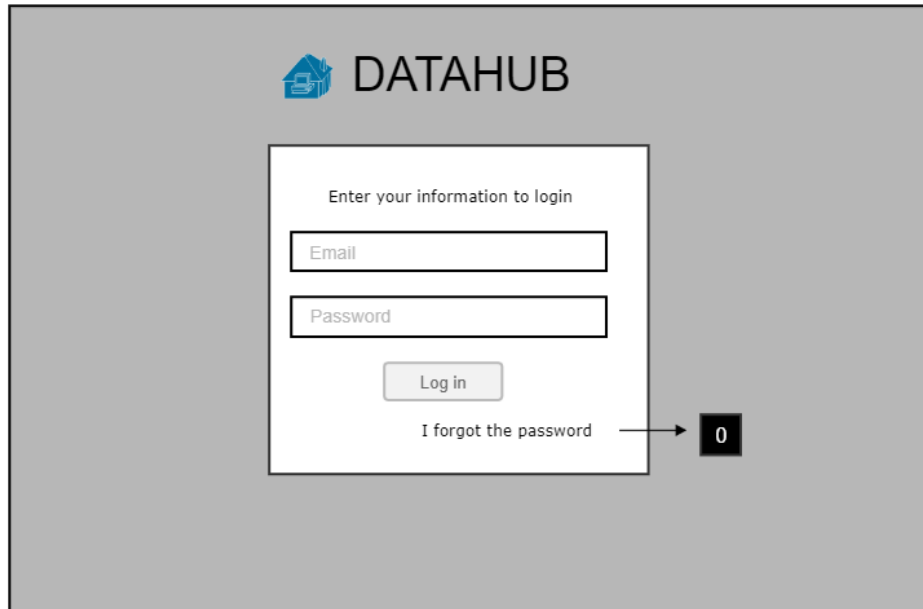


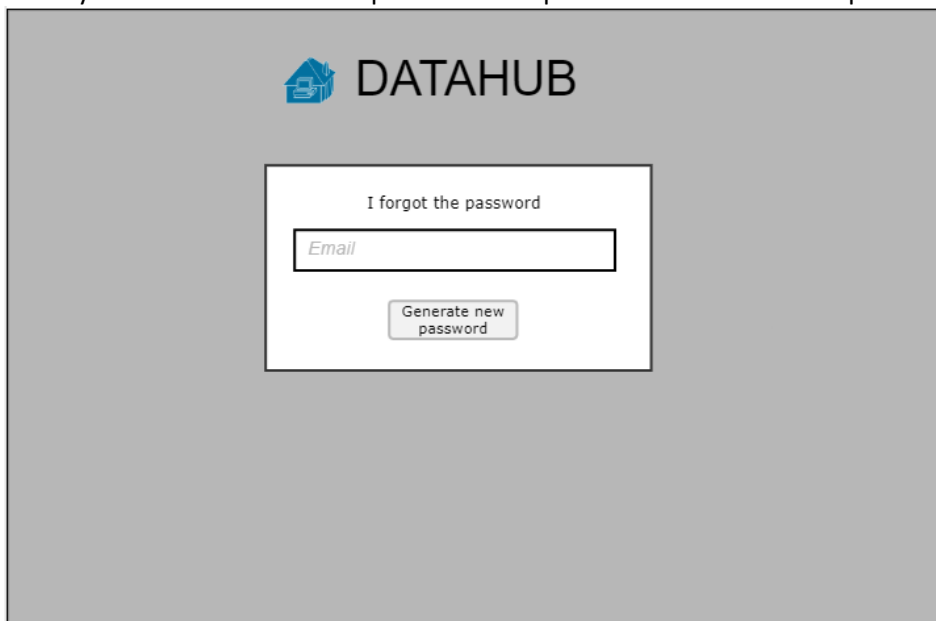
REQUERIMENT LIST

There is an administrator user, who must be registered in database previously. For example, email: admin@admin.com, password: admin.



The image shows the DataHub login interface. At the top, there is a blue house icon followed by the text "DATAHUB". Below this, a white box contains the text "Enter your information to login". Inside this box are two input fields: "Email" and "Password". Below the input fields is a "Log in" button. At the bottom of the white box is a link that says "I forgot the password". An arrow points from this link to a black box containing the number "0", which is a reference to a requirement.

[0] When selected "I forgot the password", appears the next UI. You must enter the email from which you want to recover the password and press the "Generate new password" button.



The image shows the "Forgot password" page in the DataHub application. At the top, there is a blue house icon followed by the text "DATAHUB". Below this, a white box contains the text "I forgot the password". Inside this box is a single input field labeled "Email". Below the input field is a button labeled "Generate new password".

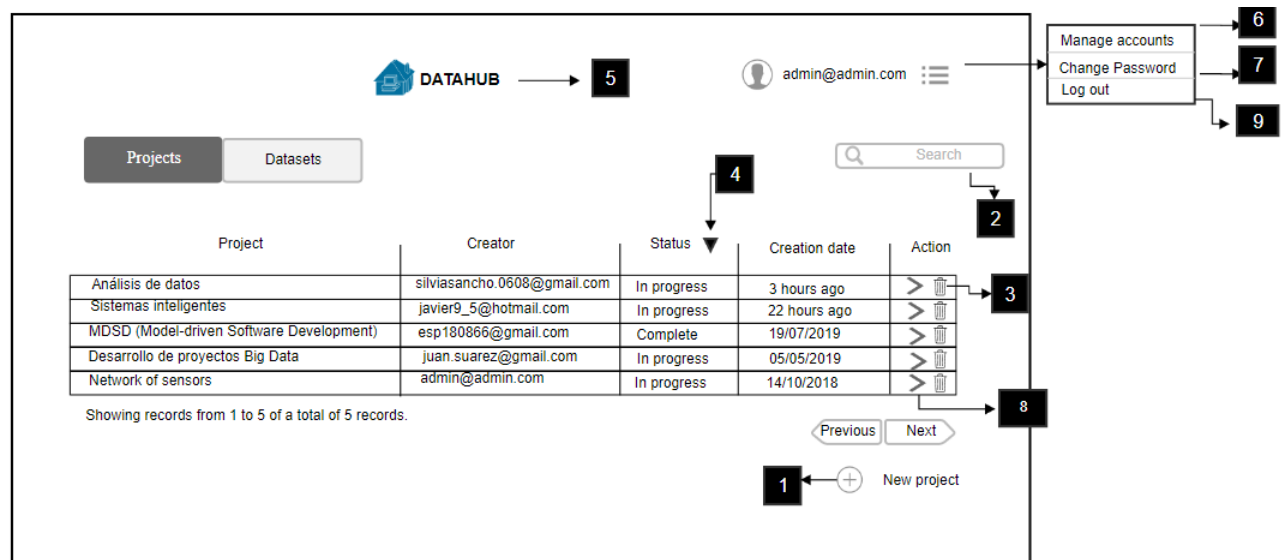
You must verify that the email exists in the application database to update the password. The

new (random) password is received in the email.

Passwords must be stored encrypted.

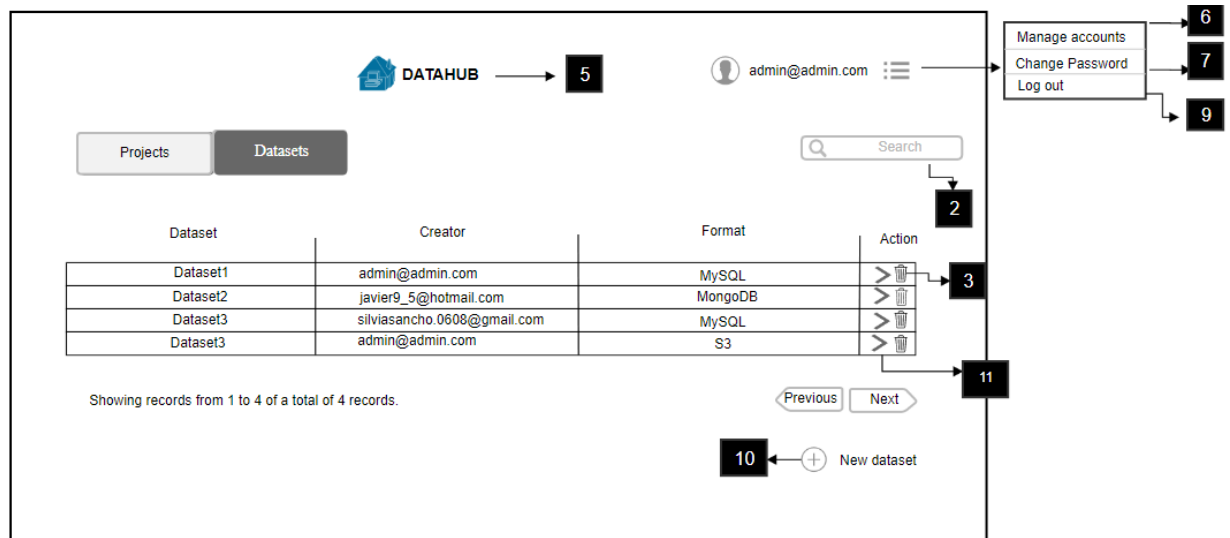
When the user logs in, the main UI appears. This UI shows the projects and datasets that have been created in the application or shared with the user that has log in, sorted by creation date, from the newest to the oldest.

Two buttons appear in the start menu: 'Projects' and 'Datasets'. By default, the 'Projects' button is selected (mark it with another color).



In the projects table you can filter based on the status [4] of the project: 'In progress' or 'Complete'.

The home UI when the 'Datasets' button is selected, it will be like this:



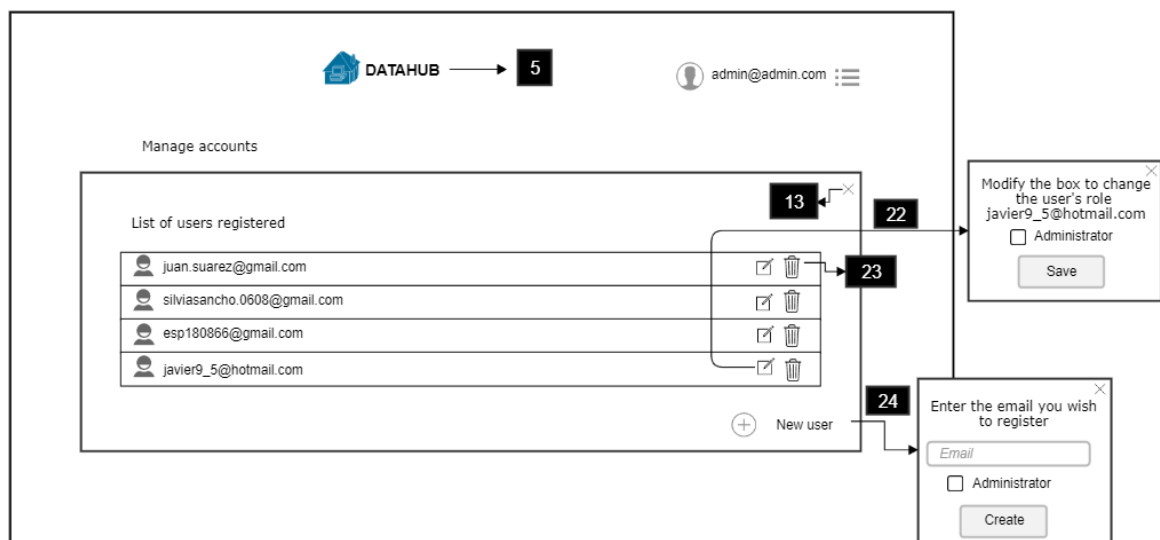
There are two 'Previous' and 'Next' buttons to see the rest of the datasets / projects that work if there are more than 5 records. (It must display only 5 projects/datasets per page).

[2] If you click on 'Search' button, the text you enter must be searched among the names of the projects / datasets that we have created or shared.

[3] If you press the trash button, a pop-up window will appear with the message 'Are you sure you want to delete the project?', and the options 'YES' or 'NO'. If you press YES, the project must be deleted from the database, and if you press NO return to the home UI.

[5] Whenever you click on the logo of the application or the name of the application, you have to go to the home UI.

[6] When you press 'Manage accounts', the UI will be like this:



[13] If you click on 'X' button, you will return to the home page.

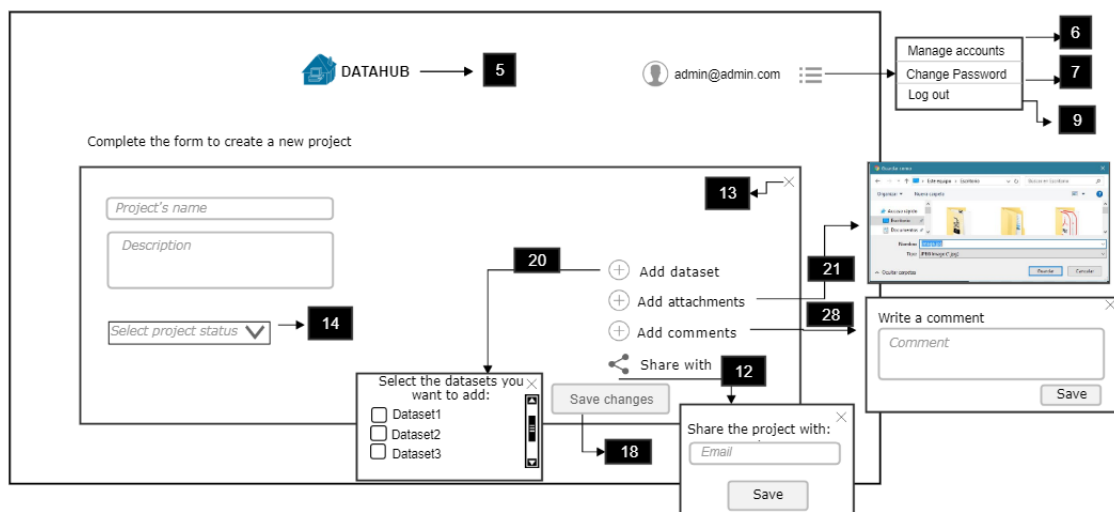
[22] If you press on that button (edit), a pop-up window appears with the message that appears in the image 'Modify the box to change the user's role *user@user.com*' and a checkbox to indicate if you want to modify the user's role. If the user is an administrator, the checkbox must appear selected.

[23] That button is to delete users. If you press the trash button, a pop-up window will appear with the message 'Are you sure you want to delete the user?', and the options 'YES' or 'NO'. If you press YES, the user must be deleted from the database, and if you press NO return to the Manage accounts page.

[24] If you press the button '+', appears a pop-up window to create a new user. Simply enter the email of the user you want to register and a random password will be generated.

An email should arrive to that email with the message: 'You have been registered in DataHub. Your access credentials are : *email: xxx; password: yyy*'.

[1] If you press the button "New project" from the home UI, appears the next UI:



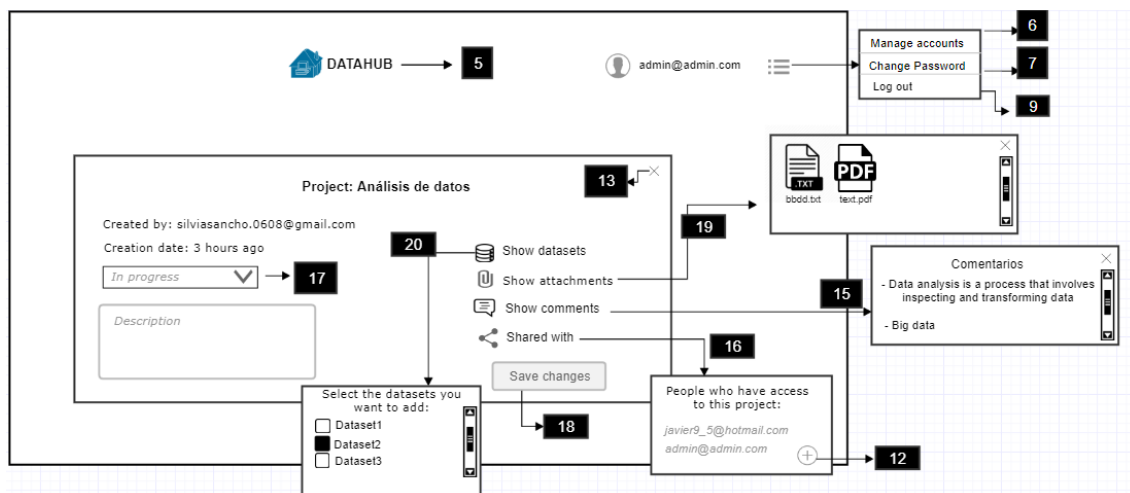
[12] and [25] When a project / dataset is created, It can be shared with other users by the email. It is necessary to verify that the user is registered in the application, or an error message will appear: "The email *user@gmail.com* is not registered in the application'.

If the user is registered, you should receive an email with the message "xxxx@gmail.com has shared a project / dataset with you", when the project / dataset has been created.

On the UI to create a New project [1], the user who will create the project must write Project's name and description.

In addition, you must select the status of the project using a drop-down [14]: 'In progress' or 'Complete'. Only when the project is created a comment can be added [28] and attachments [21]. Only the user who created the project can add dataset [20]. Only datasets that the user has created or shared with him can be added, selecting it in the box. In the popup window are all the datasets to which the user has access. Attachments are searched in local directories. Multiple attachments can be added.

[8] UI detail of a project



Only the user who created the project can make modifications to it.

When you press the button 'Shared with' [16], the users who have the shared project are shown, but it can be shared with more users, as long as you are the creator of the project / dataset. [12].

[15] Comments (if any) that the creator of the project has posted are shown.

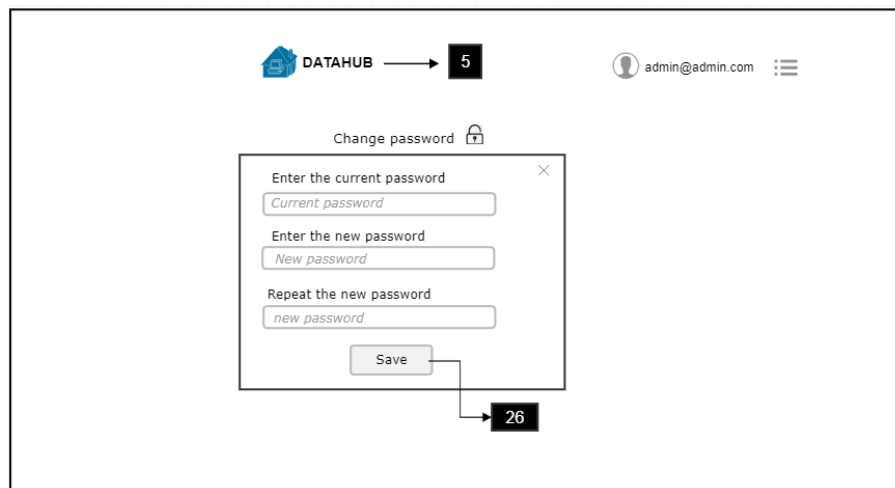
[17] The status of the project must be displayed.

[19] Project attachments are shown. If you click on one of them, it has to be downloaded

[18] Save the information for modifications and for creating projects / datasets.

[7] When you press in "Change password" appears the next UI. The user can modify their current password. To do this, the current and new password must be entered and check the database that matches the password that is registered with the password entered, to update the password.

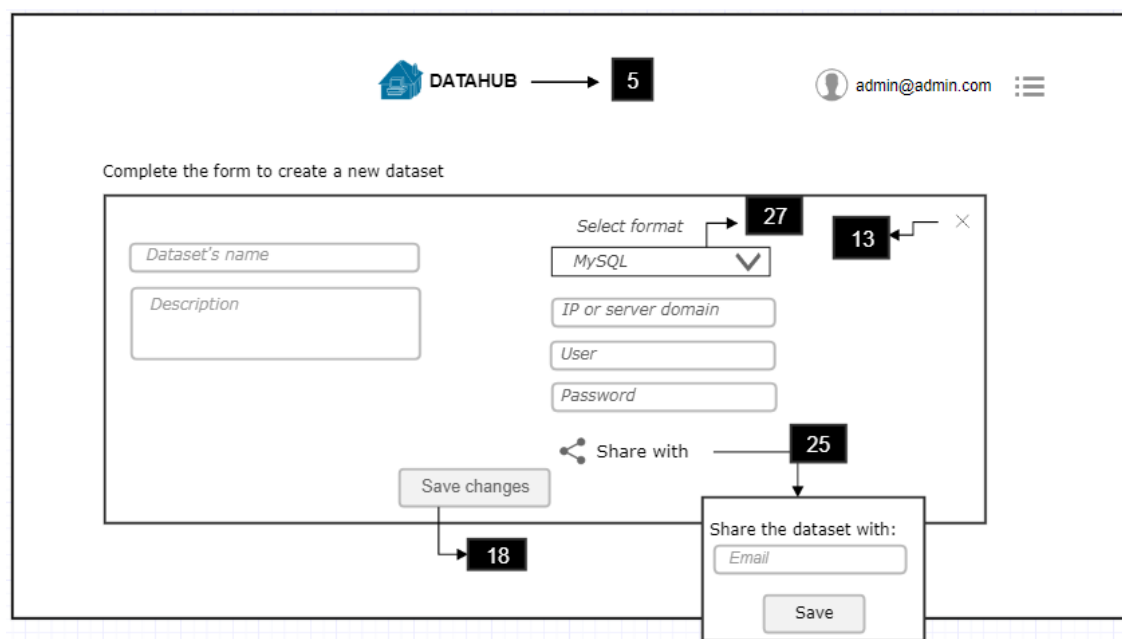
[26] It will be verified that the current password entered matches the real password and that the new password is the same in both cases, to update the password.



[9] 'Log out'. The session is closed and it becomes Log in UI.

[19] If you press the attachment, they are downloaded.

[10] If you press 'New Dataset', redirects us to the UI to create a new dataset.



[27] A dataset can have the next formats: MySQL, MongoDB o S3, that are chosen through a drop-down list. For the formats MySQL o MongoDB, in the form should appear the fields: 'IP', 'user' and 'password'. Fort he format S3, should appear the fields 'url', 'user' and 'password'.

[11] If you press in the button > of the UI home of datasets, the detail of that dataset is shown (project's name, creator, creation date, format,..)



DATAHUB

5



admin@admin.com



Dataset: Dataset1

Created by: admin@admin.com

Creation date: 10/07/2019

Description

Format

MySQL

IP or server domain

User

Password

Shared with

13

16

People who have access
to this datasets:

javier9_5@hotmail.com
admin@admin.com



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