

JAVA MANAGEMENT OF ITEMS

David Miguel Orive Ramírez

DORIVERAMIREZ@GMAIL.COM Made in java with spring boot, jpa, hibernate & H2 Database

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Overview

Main view

In the main view you have several options to go, if you want to go to an option that you don't have enough permissions, it will throw a page not found exception. You have to be logged to go to the last three options.

Register
Login
CRUD Items
CRUD Users
View api

Register view

In the register view you have to put your information (only the username and password), if you want to be an admin you have to write “_admin” at the end of your username, or press the admin checkbox, your username will be stored in the database without the “_admin” anyways, so if you want to log in you must put your username without it.

[back](#)

Register

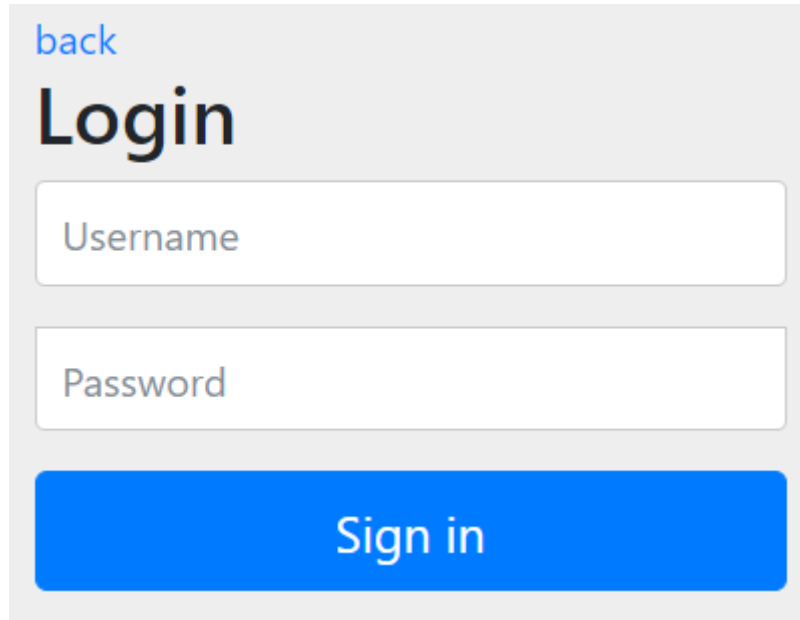
End the username with "_admin" to be an admin. (Username will be registered without the _admin anyways)

☐ Wanna be admin?

[Sign up](#)

Login view

In the login view you have to enter your information that you had put before in the register view. If you try to enter in another views without stay logged, you will be redirected to this view automatically.

A login form with a light gray background. At the top left is a blue link labeled 'back'. Below it is the word 'Login' in a large, bold, black font. There are two white input fields with gray borders: the first is labeled 'Username' and the second is labeled 'Password'. Below the input fields is a large blue button with the text 'Sign in' in white.

Error page

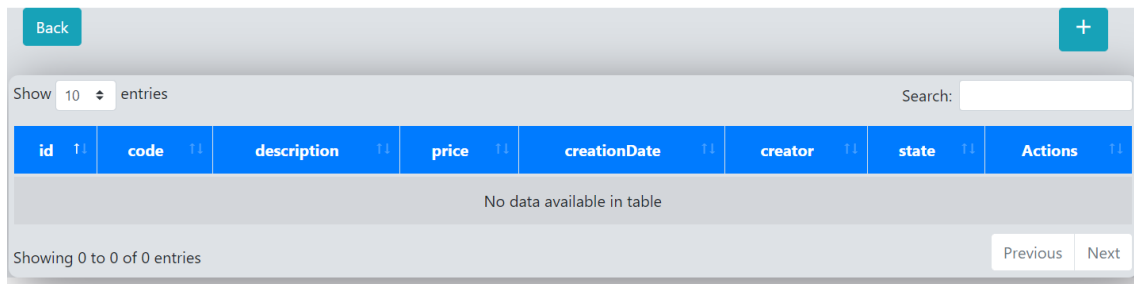
If you don't have enough permissions or you're trying to enter in a page that doesn't exist, you will find this error page.

Error 404 - Page not found

[back](#)

CRUD Items view (User rights)

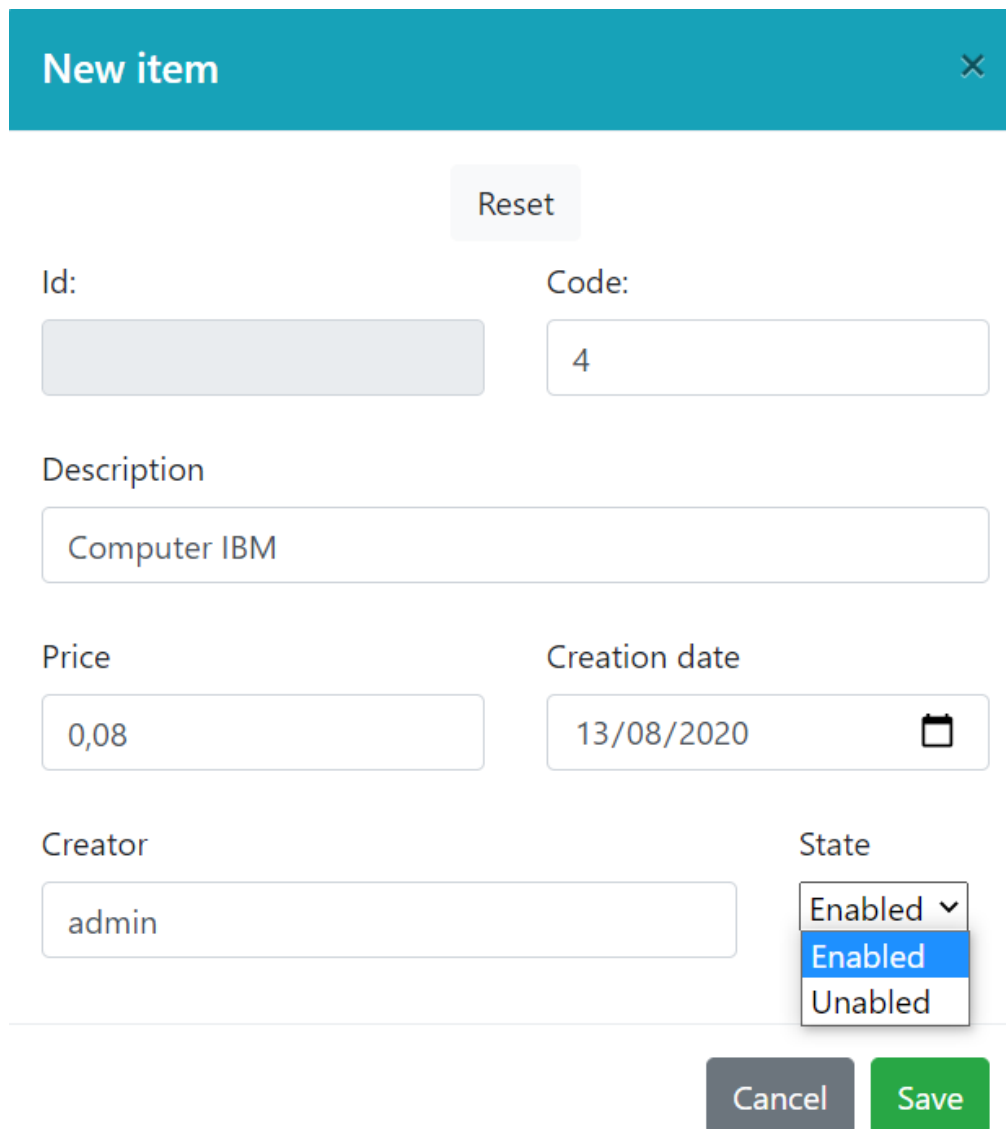
In this view you will have several options, first you will need to create an item to interact with it, so you have to press the “+” button in the top-right of the screen:



The screenshot shows a web interface for managing items. At the top, there is a 'Back' button on the left and a '+' button on the right. Below these is a search bar with the text 'Show 10 entries' and a 'Search:' label. The main area contains a table with the following columns: id, code, description, price, creationDate, creator, state, and Actions. The table is currently empty, with the message 'No data available in table' displayed below it. At the bottom, there is a status bar that says 'Showing 0 to 0 of 0 entries' and two buttons labeled 'Previous' and 'Next'.

id	code	description	price	creationDate	creator	state	Actions
No data available in table							

The creation date will be the actual day by default, and the State will be “Unabled” as default, you can’t modify the ID, it will be generated automatically as UUID.



The 'New item' form is displayed with a teal header bar containing the title 'New item' and a close button. Below the header is a 'Reset' button. The form fields are as follows: 'Id:' is a disabled text input; 'Code:' is a text input containing the value '4'; 'Description' is a text input containing 'Computer IBM'; 'Price' is a text input containing '0,08'; 'Creation date' is a date picker showing '13/08/2020'; 'Creator' is a text input containing 'admin'; and 'State' is a dropdown menu with 'Enabled' selected. At the bottom right, there are 'Cancel' and 'Save' buttons.

New item

Reset

Id:

Code:

Description

Price




Creation date

Creator

State

Cancel Save

Once you have finished the creation of the item, you will encounter something like this:

Show 10 entries		Search: <input type="text"/>					
id	code	description	price	creationDate	creator	state	Actions
49210f22-7840-48bd-a783-f09b36a3a1fe	4	Computer IBM	0.08	2020-08-13	admin	true	  
Showing 1 to 1 of 1 entries							Previous 1 Next

In the right, you have these three options:



Go to the specific item, where you can add price reductions and suppliers to it.



Edit the specific item, it will open the creation modal but with-it information pasted.



Delete the specific item.

If you try to edit the item, you will encounter something like this:

Edit item

Reset

Id:

49210f22-7840-48bd-a783

Code:

4

Description

Computer IBM

Price

0,08

Creation date

13/08/2020

Creator

admin

State

Enabled

Cancel

Save

If you try to delete the item, it will throw this warning:

localhost:8080 dice

Do you want to delete the item with id 49210f22-7840-48bd-a783-f09b36a3a1fe?

Aceptar

Cancelar

CRUD Item_{id} view (User rights)

In this view you can interact with a CRUD of Price Reductions and Suppliers, and if you want you can link the Supplier to the item or unlink them.

[Back](#)[Add price reduction](#)[Add supplier](#)

Item

id	code	description	price	creationDate	creator	state
49210f22-7840-48bd-a783-f09b36a3a1fe	4	Computer IBM	0.08	2020-08-13	admin	true

Reduced prices

Show 10 entries Search:

id	Reduced price	Start date	Actions
No data available in table			

Showing 0 to 0 of 0 entries Previous Next

Suppliers

Show 10 entries Search:

id	Name	Country	Belongs	Actions
No data available in table				

Showing 0 to 0 of 0 entries Previous Next

New Supplier

Reset

Id Supplier:

Name Country

Cancel
Save

New Price Reduction

Reset




Id Price Reduction:

Reduced Price Start date

Cancel
Save

If you create a price reduction, it will be assigned automatically to the item, because is a “many-to-one” relationship. If you create a supplier, it will not be assigned to any item, and you can select if you want to assign it to the item that you have in front of you, or another one, that is because is a “many-to-many” relationship.

Once you have created a new supplier, you will see that:

Suppliers				
Show 10 entries		Search: <input type="text"/>		
id	Name	Country	Belongs	Actions
2425ba5f-10c3-4049-a705-d10bb4d9beee	Mercadona	Spain		 
Showing 1 to 1 of 1 entries			Previous 1 Next	

The actions are similar to the previous view, but if you want to link it, you will have to press

this button. 

You will encounter this warning:



localhost:8080 dice

Do you want to link the Supplier with id 2425ba5f-10c3-4049-a705-d10bb4d9beee of the item with id 49210f22-7840-48bd-a783-f09b36a3a1fe?

Aceptar

Cancelar

Now, the supplier is linked.

id	Name	Country	Belongs	Actions
2425ba5f-10c3-4049-a705-d10bb4d9beee	Mercadona	Spain	✓	 

If you want to unlink it, you will have to press the delete button, and it will throw this warning:

localhost:8080 dice

Do you want to unlink the Supplier with id 2425ba5f-10c3-4049-a705-d10bb4d9beee of the item with id 49210f22-7840-48bd-a783-f09b36a3a1fe?

Aceptar

Cancelar

So, the end of the process will be something like this:

[Back](#)[Add price reduction](#)[Add supplier](#)

Item

id	code	description	price	creationDate	creator	state
49210f22-7840-48bd-a783-f09b36a3a1fe	4	Computer IBM	0.08	2020-08-13	admin	true

Reduced prices

Show 10 entries

id	Reduced price	Start date	Actions
05eb1ae8-ae3c-4fb8-879d-df53f14e4fc8	25	2020-08-16	Edit Delete

Showing 1 to 1 of 1 entries [Previous](#) [1](#) [Next](#)

Suppliers

Show 10 entries

id	Name	Country	Belongs	Actions
2425ba5f-10c3-4049-a705-d10bb4d9beee	Mercadona	Spain	<input checked="" type="checkbox"/>	Edit Delete

Showing 1 to 1 of 1 entries [Previous](#) [1](#) [Next](#)

CRUD Users view (Admin rights)





In this view you can interact with the users, changing his permissions and using the CRUD.

When you register in the API, it will automatically create the roles "ADMIN" and "USER" if there are not created before, and then you can create any users with that two roles any times

that you want. This is a “restricted many-to-many” relationship, because users can only have one of these roles, but the roles will only exist as unique separate entity.

Show 10 entries

Search:

id	name	password	role	Actions
71a6835c-03a6-4050-ab83-ba1c3af8abec	admin	\$2a\$10\$LldC.c5sY8IBIkPtyE5GtOWmnRq/wkwGfTb7Kzrcqu1mp6fkOdKaq	ADMIN	 
a30940b0-c520-4b06-b53e-ee4129b11b0d	user	\$2a\$10\$BR7E9xUHjxYrkkWZd98TP.R2HxsPmlX.5G7X1zT/B83ZdJhuBHNJ6	USER	 

Showing 1 to 2 of 2 entries

Previous

1

Next

If you want to change the role of any user, you will have to edit him and add or not “_admin” at the end of the username, the password will be reset if you do it.

Edit user

Reset

Id:

a30940b0-c520-4b06-b53e-ee4129b11b0d

Username:

user_admin

Password:

☒ Set admin





Cancel

Save

Now, the role is changed and the username still as “user”.

Show 10 entries

Search:

id	name	password	role	Actions
71a6835c-03a6-4050-ab83-ba1c3af8abec	admin	\$2a\$10\$LldC.c5sY8IBIkPtyE5GtOWmnRq/wkwGfTb7Kzrcqu1mp6fkOdKaq	ADMIN	 
a30940b0-c520-4b06-b53e-ee4129b11b0d	user	\$2a\$10\$FadFMemVIF2oBJsw4Tzy9./Qhye/ck97kwzBhn/a0NCInkelg1kWC	ADMIN	 

Showing 1 to 2 of 2 entries

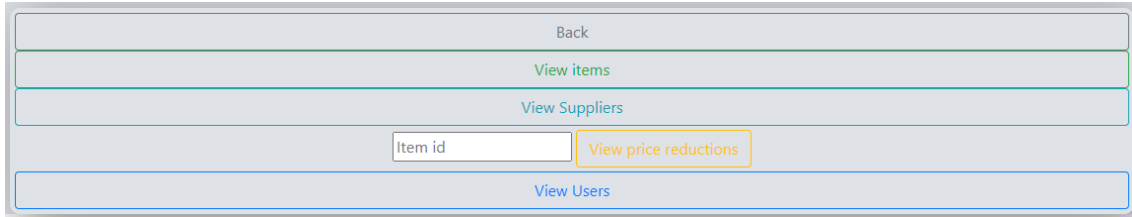
Previous

1

Next

API MENU view (User rights)

In this view you have several options to go, which will show you a “GET” of the elements that are stored in the database directly in your web browser. This is mostly used for testing purposes.

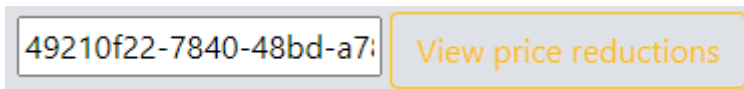


The screenshot shows a web interface with a light gray background. At the top, there is a button labeled "Back". Below it are three buttons: "View items" (green), "View Suppliers" (blue), and "View Users" (blue). In the center, there is a text input field labeled "Item id" and a yellow button labeled "View price reductions".

If you go to the view, you will encounter something like this:

```
[{"id": "49210f22-7840-48bd-a783-f09b36a3a1fe", "code": 4, "description": "Computer IBM", "price": 0.08, "state": true, "suppliers": [{"id": "2425ba5f-10c3-4049-a705-d10bb4d9beee", "name": "Mercadona", "country": "Spain"}], "priceReductions": [{"id": "1c362fa1-bb87-4366-84a5-779cde117e02", "reducedPrice": 25.0, "startDate": "2020-08-16"}], "creationDate": "2020-08-13", "creator": "admin"}]
```

And this is the same for the other views, but if you want to view the price reductions of an item, you must put the item id in the API MENU, like that:



The screenshot shows the same interface as before, but the "Item id" input field now contains the value "49210f22-7840-48bd-a783-f09b36a3a1fe". The "View price reductions" button remains yellow.

If you want to do a “GET” of the users you must be an administrator.