



User guide online energy system edition platform

Full Stack test

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Introduction

The "Energy System" application was created in order to respond to the full stack developer test. This application is based on an energy system that has specific properties and elements. Its main function lies in the management of this system, allowing the execution of actions such as editing, creation, and deletion of elements.

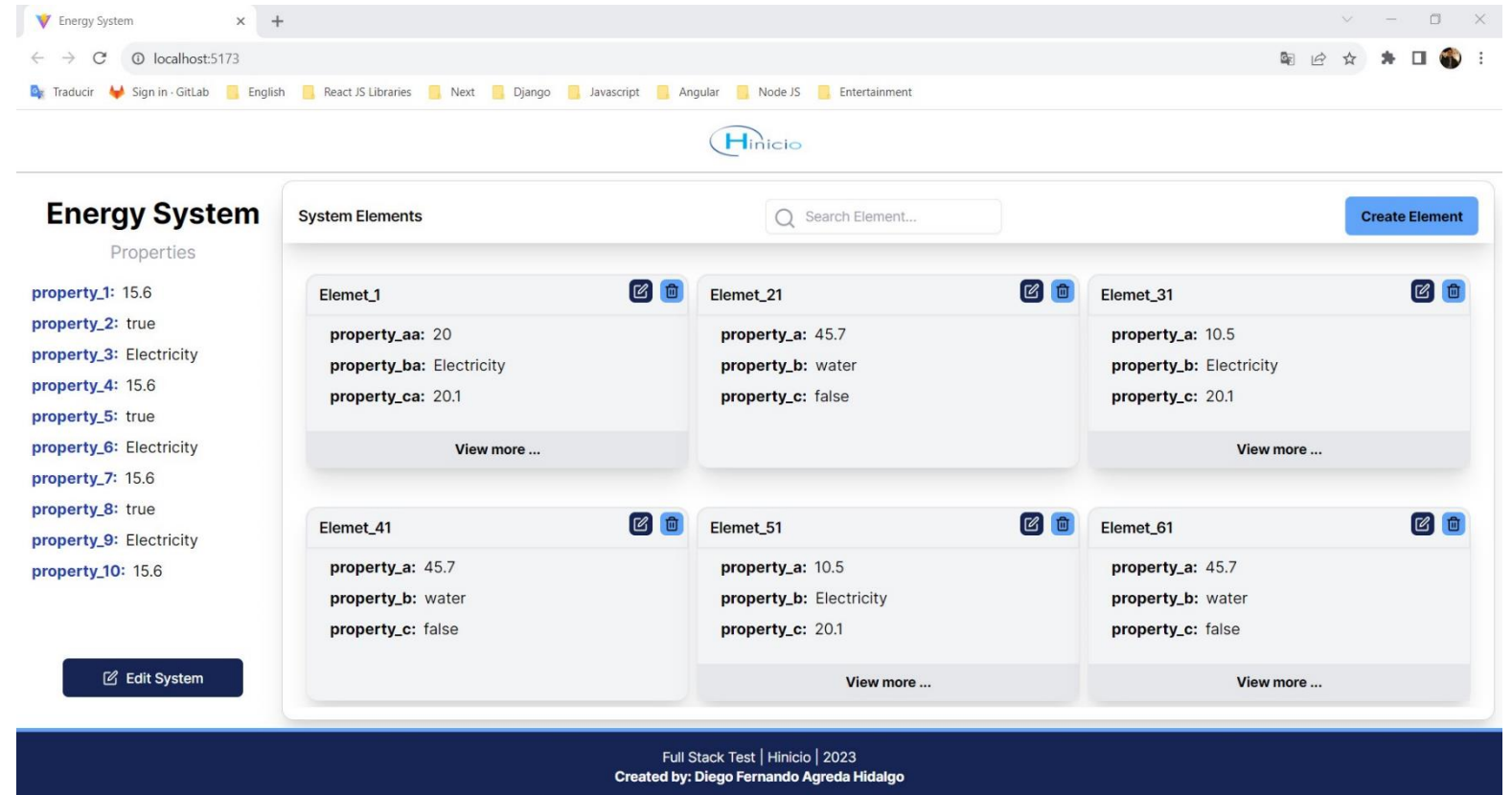


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Functionalities

Edit system: This feature provides the possibility to modify the properties of the system, located on the left side of the screen. To carry out this editing, simply click on the "Edit system" button. Upon doing so, a window will be displayed, allowing the modification of the values of the selected properties.

Energy System

Properties

property_1: 15.6
property_2: true
property_3: Electricity
property_4: 15.6
property_5: true
property_6: Electricity
property_7: 15.6
property_8: true
property_9: Electricity
property_10: 15.6

 Edit System

Edit System

Make the changes to the system properties here

property_1:

property_2:

property_3:

property_4:

property_5:

property_6:

property_7:

property_8:

property_9:

property_10:

Save changes

Functionalities

Search Element: This feature allows you to search for an element by its name, and all the matches will be displayed in the system's elements panel.

System Elements

3

Create Element

Elemet_31

property_a: 10.5
property_b: Electricity
property_c: 20.1

View more ...

Elemet_113

property_a: 10.5
property_b: Electricity
property_c: 20.1

Elemet_123

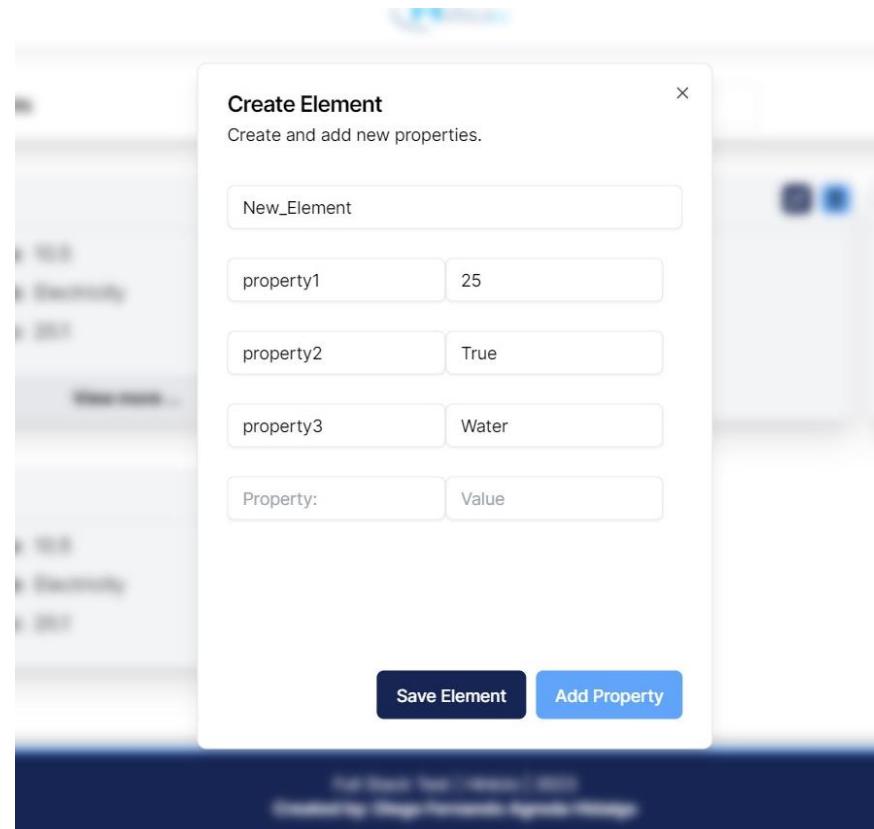
property_a: 45.7
property_b: water
property_c: false

Elemet_133

property_a: 10.5
property_b: Electricity
property_c: 20.1

Functionalities

Create Element: This feature gives you the ability to generate new elements in the system. You can create as many elements as you want by simply clicking the "Create Element" button. When you activate this option, a new window will open, allowing you to assign a name to the element and also add the necessary properties. To add properties, just click on the "Add Property" button.

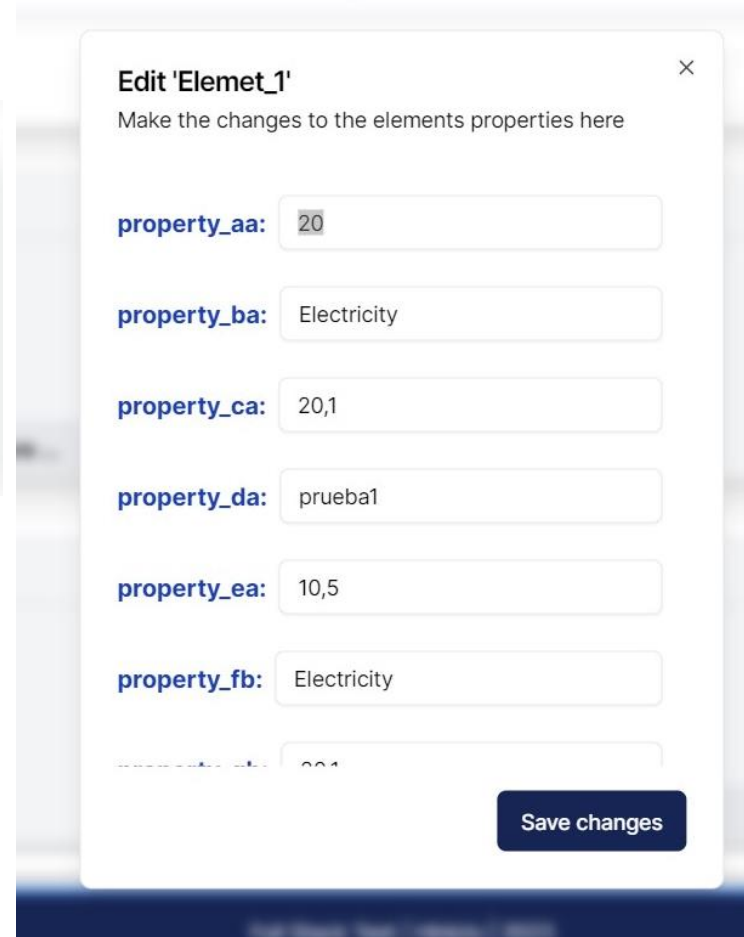
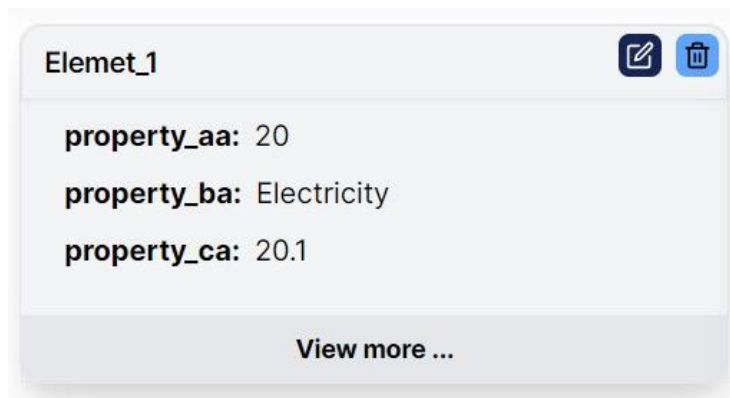


The screenshot shows a 'Create Element' dialog box with a close button (X) in the top right corner. The dialog contains the following fields and buttons:

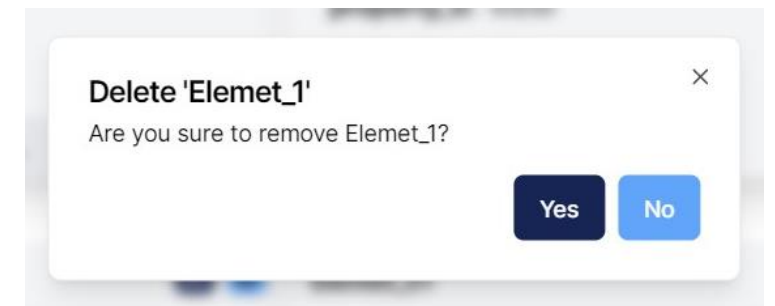
- A text input field labeled 'New_Element' containing the text 'New_Element'.
- A pair of input fields: 'property1' containing '25'.
- A pair of input fields: 'property2' containing 'True'.
- A pair of input fields: 'property3' containing 'Water'.
- A pair of input fields: 'Property:' containing 'Value'.
- Two buttons at the bottom: 'Save Element' (dark blue) and 'Add Property' (light blue).

Functionalities

Edit Element: This feature allows you to modify any of the properties of an element. When you click the button with the edit icon, a new window will open containing all the information about the element, enabling you to edit the desired property.



Delete Element: This option removes the element, but before doing so, it displays a confirmation window.



Functionalities

View More: This feature is only available for elements with more than 3 properties. When you click on "View more" ..., a window will open that includes all the properties of the element, including a search function by property name.

