





**Activity 3**

* **Github team link:**

[**https://github.com/DiegoAndresMantilla/Team3DevSolutions**](https://github.com/DiegoAndresMantilla/Team3DevSolutions)

* **Link to the video presentation of the project:**

[**https://youtu.be/sDpBvK7aH88**](https://youtu.be/sDpBvK7aH88)

**Screenshots of the evaluation parameters:**

1. **Github collaboration**

**1.1 Commits:**

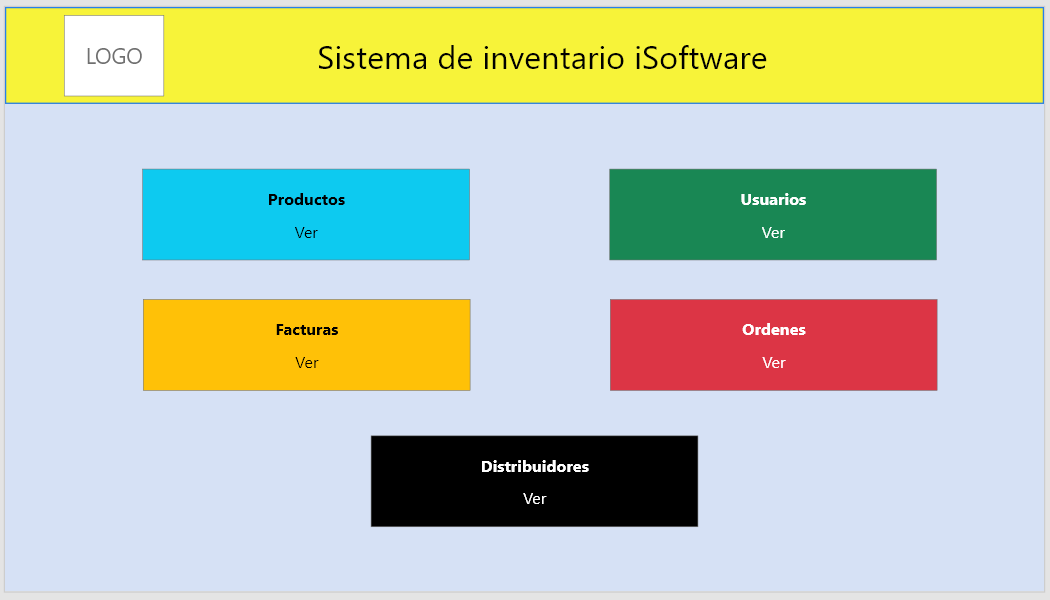
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**1.2 Report:**

* **Mateo Loachamin:** Great job, developer of product pages and DELETE service, he helped the team to get the URI´s in the cloud, so we can access the program from the browser, he made the business rule Products.
* **Erick Maldonado:** Great job, developer of user pages and UPDATE service, giving us the use cases correctly builded and solving some problems with the code and the styles of the pages, he made the business rule Orders.
* **Ligia Maldonado:** Good job, developer of invoice pages, she helped us to make the documentation doc, she made the business rule Invoices.
* **Diego Mantilla:** Great job, developer of order and distributor pages and POST service, I helped the team making the design and update of the pages and testing some page´s code, also the business rules of Users and Distributors.

1. **Design (sketches) of the 16 web pages/forms**

**Page Principal**

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**Menu**

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**Products (GET)**

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**Products Form (POST)**

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**Update product (PUT)**

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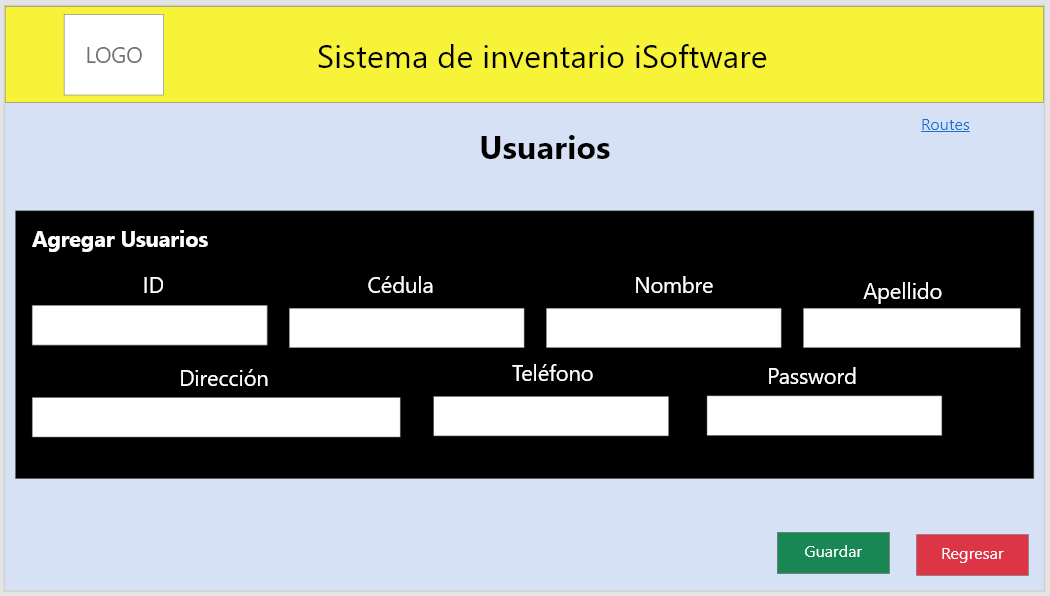
**Delete product (DELETE)**

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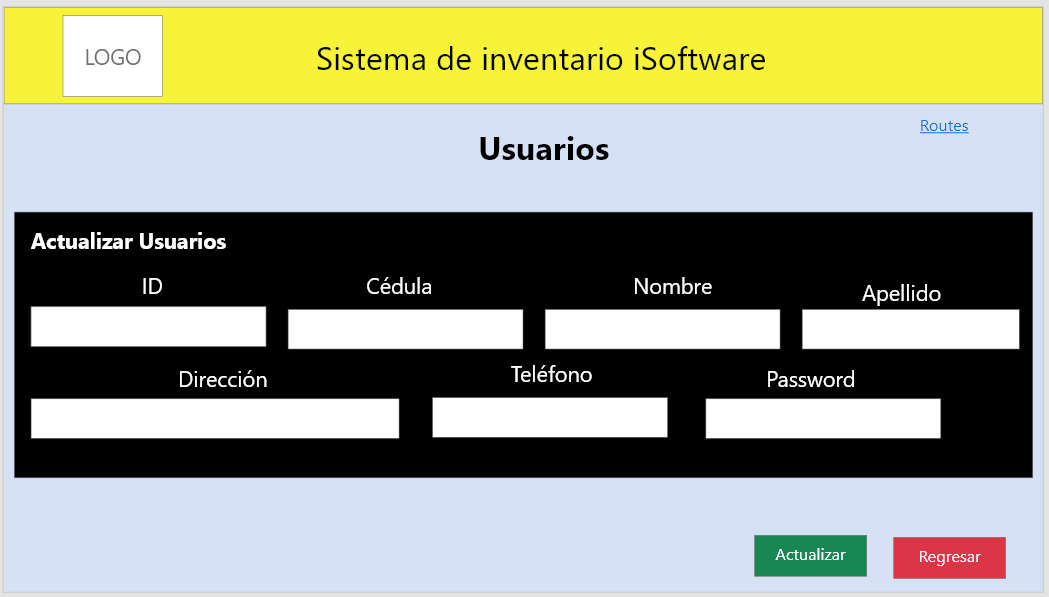
**Users (GET)**

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**Users Form (POST)**

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**Update user (PUT)**

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**Delete user (DELETE)**

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**Invoices (GET)**

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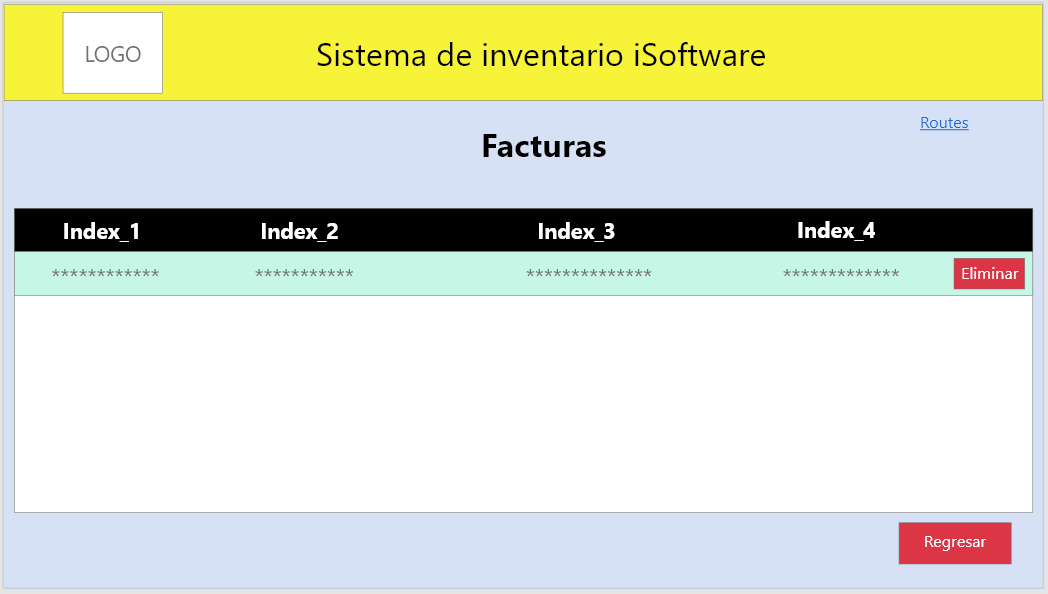
**Invoices Form (POST)**

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**Update Invoice (PUT)**

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**Delete Invoice (DELETE)**

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**Orders (GET)**

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**Orders Form (POST)**

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**Update order (PUT)**

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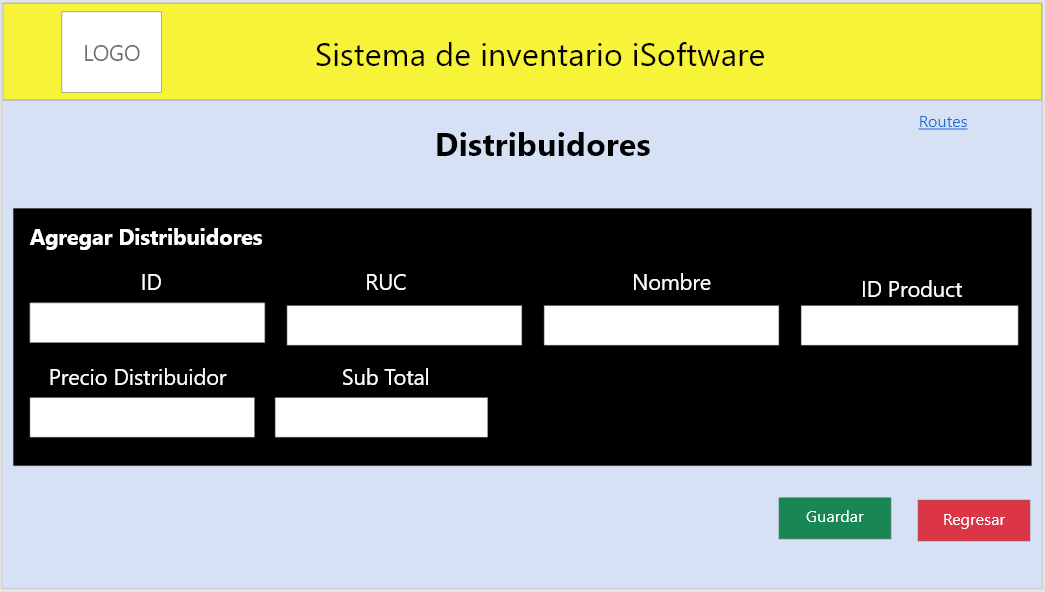
**Delete order (DELETE)**

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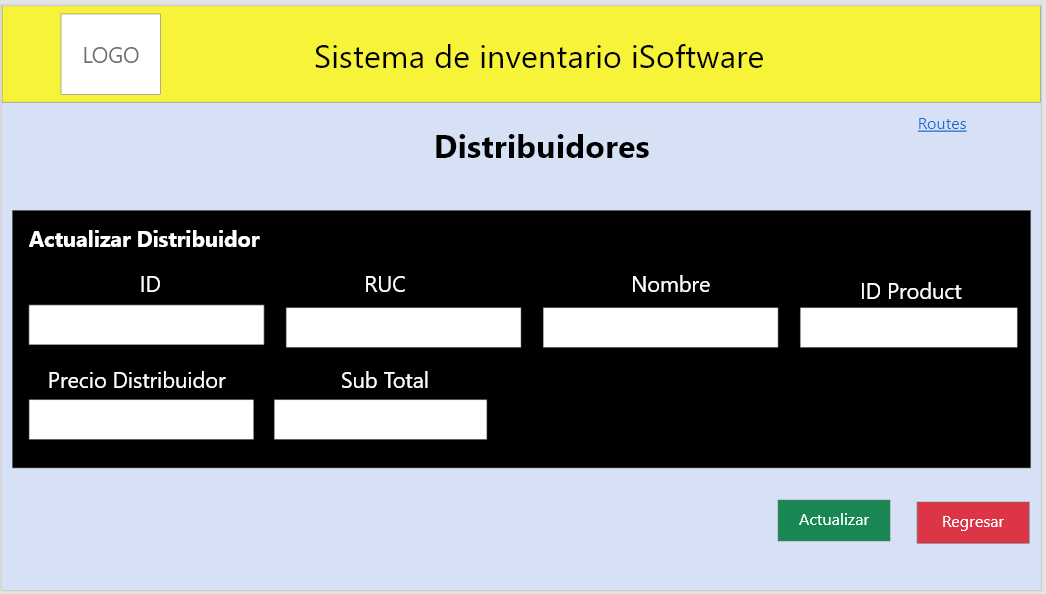
**Distributors (GET)**

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**Distributor Form (POST)**

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**Update distributor (PUT)**

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**Delete distributor (DELETE)**

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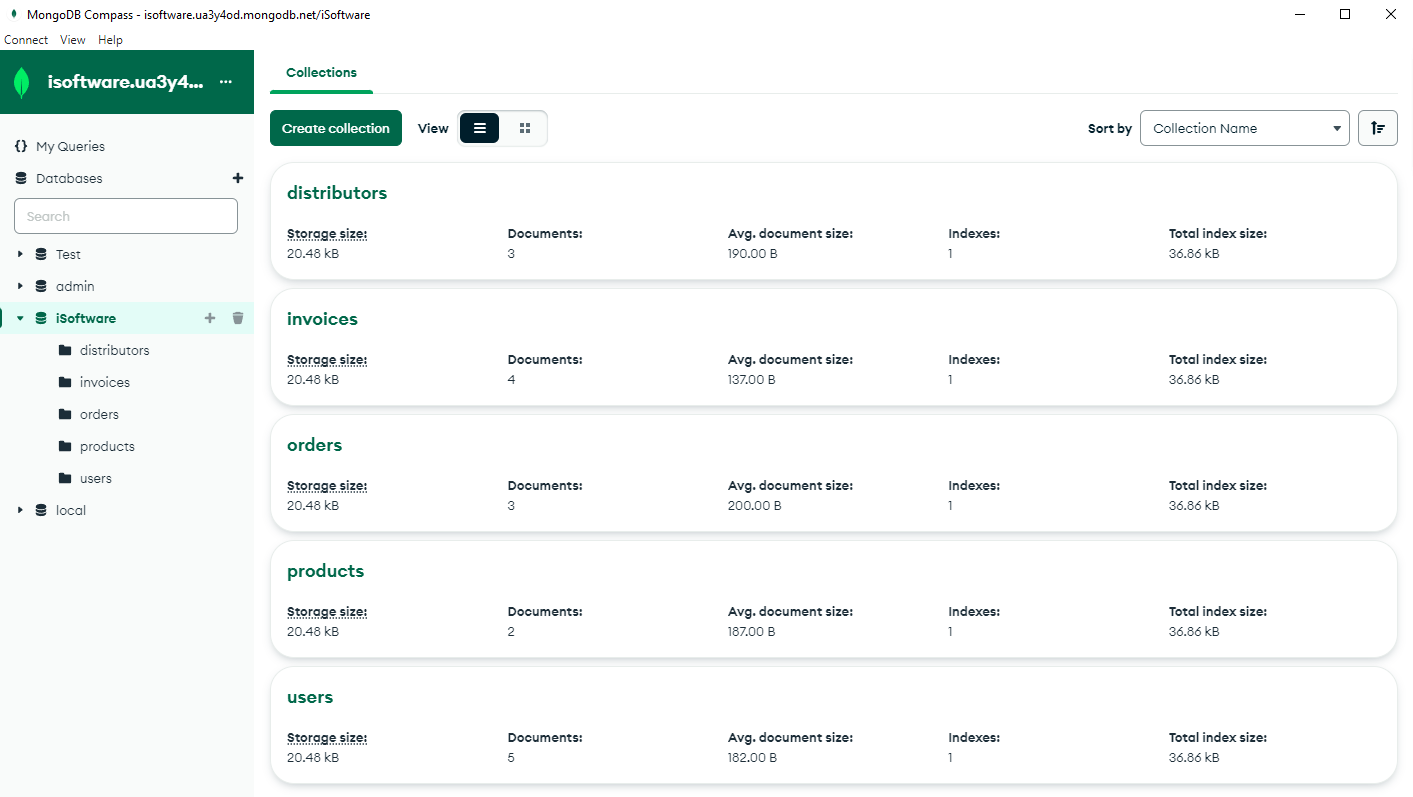
1. **Web Clients + Web Services (GET, POST) + DB**

**Link App:**

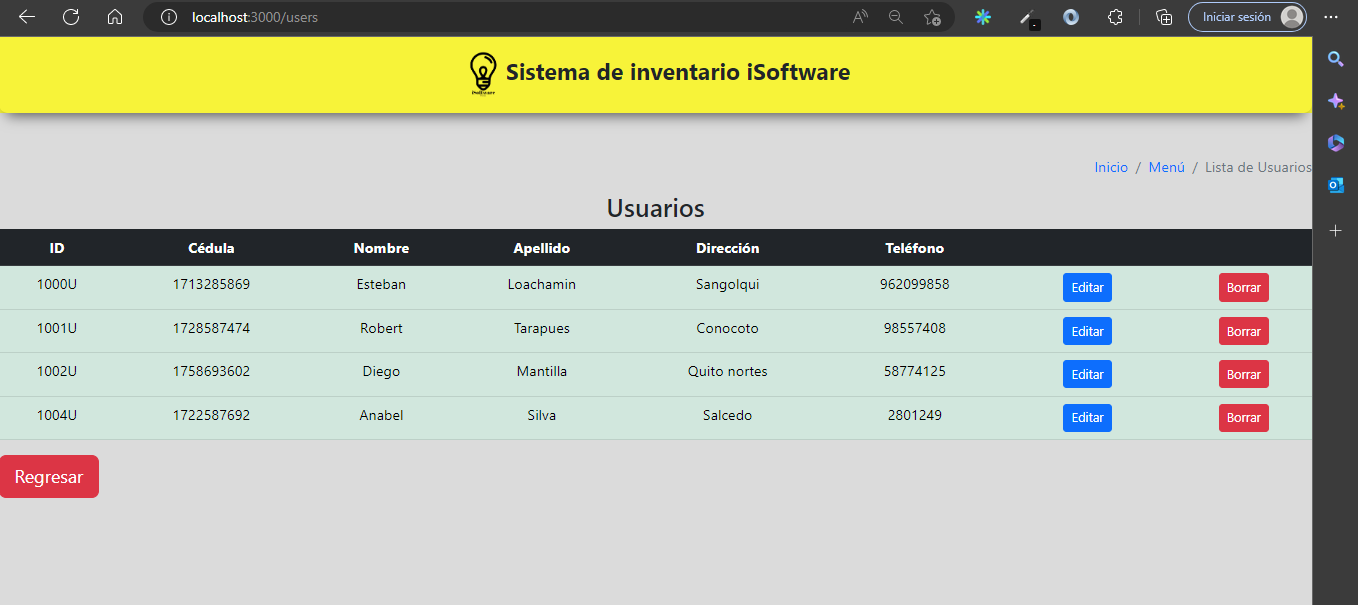
[**http://isoftware.mpvs.ec/**](http://isoftware.mpvs.ec/)

**DataBase- MongoDB**

**URI: mongodb+srv://root:navetech@isoftware.ua3y4od.mongodb.net/iSoftware?retryWrites=true&w=majority**

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**Method GET - Collection User**

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**POST**

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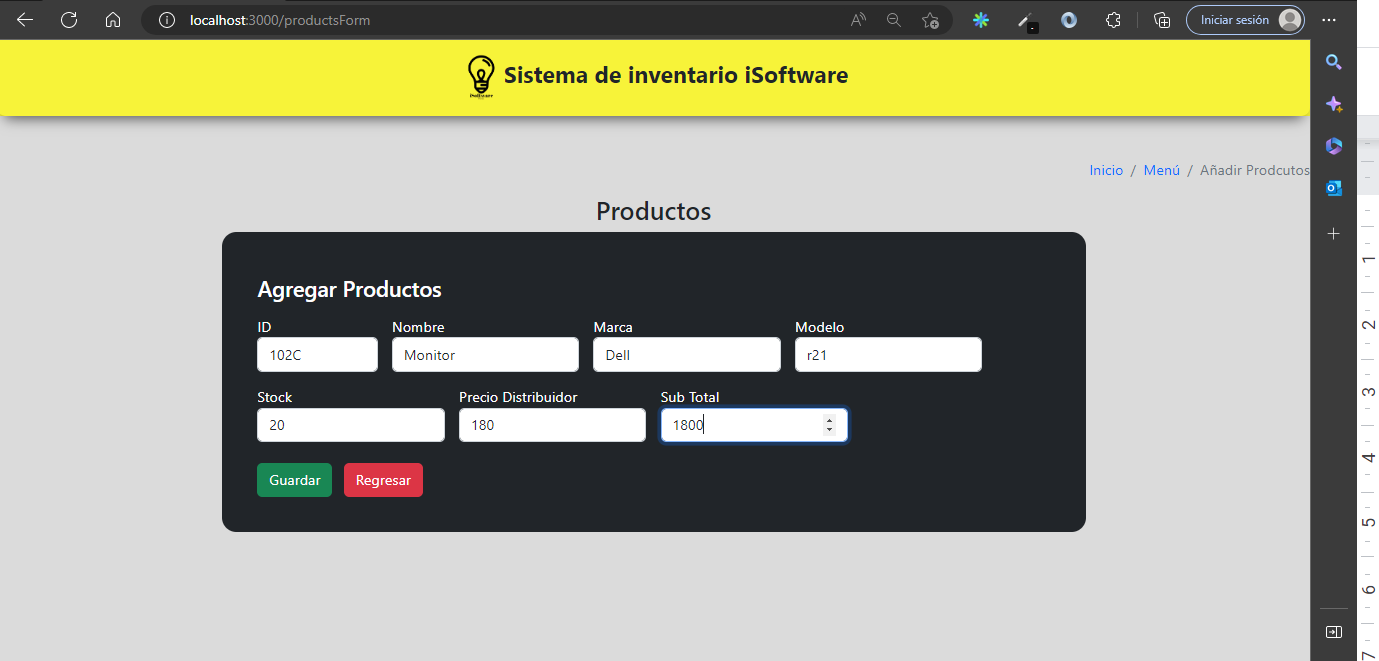
**Form added the new user**

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**Method GET - Collection Products**

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**POST**

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**Form added the new product**

****

**Method GET - Collection Order**

****

**Method Get- Collection Invoice**

****

**Method Get Distributor**

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1. **Web Clients + Web Services (PUT, DELETE) + DB**

**Method Put and Delete - Collection Products**

**In the products form, two buttons were added to edit and delete each row of the data from the api of the mongodb database**

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**Delete Products**

**Clicking the delete button deletes the entire row**

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**Method Put and Delete - Collection Distributor**

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**Delete Distributor**

**Clicking the delete button deletes the entire row**

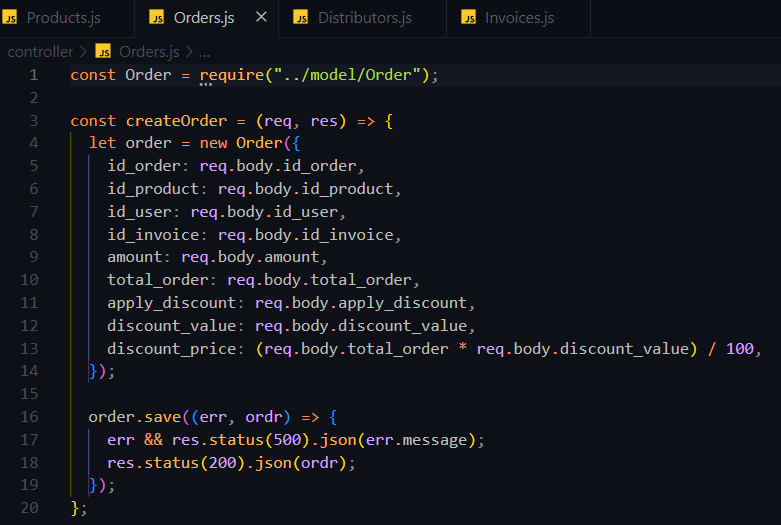
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1. **Web Clients + Web services( Business logic) + DB**

**In the iSoftware application, the business rules were carried out as follows**

**First rule: In the collection Order calculator the price discount**

* **Capture Code Fragment**

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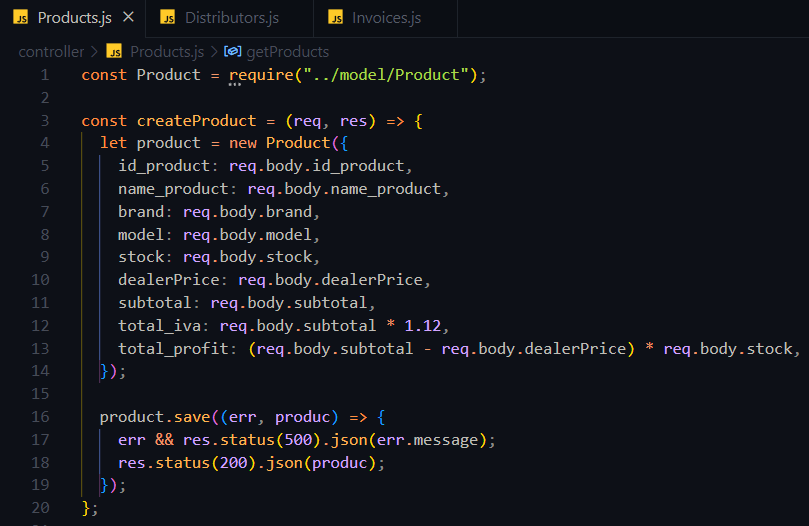
**Execution**

In this case for the first order , a 25 percent discount was applied to the total and in the interface we can see the calculation of the respective subtraction

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**Second rule: In the collection Products calculate the total profit**

* **Capture Code Fragment**

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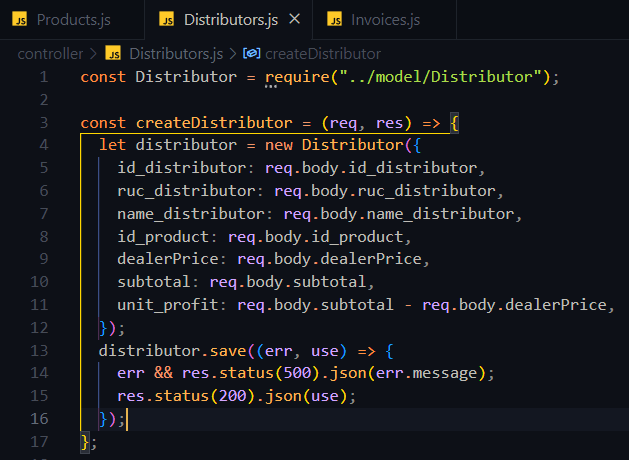
**Execution**

**In this case, to calculate the total profit from the subtotal, we subtract the dealer price and multiply by the stock to generate the total profit**

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**Third rule: In the collection Distributor calculator unit gain**

* **Capture Code Fragment**

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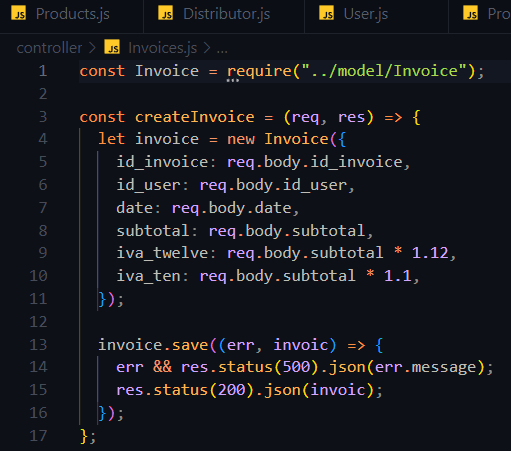
**Execution**

**In this case, to calculate the unit profit, we perform a subtraction between the subtotal and the dealer price and obtain the result in the user interface**

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**Fourth rule: In the collection Invoices calculator 10 and 12 percent VAT**

* **Capture Code Fragment**

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**Execution**

**In this case the first row corresponding to ID 1000I based on the purchase made, the VAT information is shown if it corresponds to 10 or 12 percent.**

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**Rubric:**

| **ord.** | **Evaluation deliverable** | **grade (points)** |
| --- | --- | --- |
| **1** | **GitHub collaboration**  **Collaboration Report** | **1.0**  **0.5** |
| **2** | **Design (sketches) of the 16 web pages/forms** | **0.5** |
| **3** | **Web Clients + Web Services (GET, POST) + DB** | **0.5** |
| **4** | **Web Clients + Web Services (PUT, DELETE) + DB** | **0.5** |
| **5** | **Web Clients + Web services( Business logic) + DB** | **1.0** |
| **TOTAL** |  | **4** |