
Software Requirements Specification

**Project: Management and Generation of
Production Order**

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DOCUMENTATION FORM

Date	Revision	Author	Verified Quality dep.
09 - 25 - 2024		Díaz Cervantes Amieva Alejandro Martínez Pérez Diana Medina Becerra Alan Oswaldo Ramirez Navarro Marcos David	

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By the Client	By the Supplying Company
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1. INTRODUCTION

Over the years, as technology has evolved, it has become the best tool for managing businesses of all kinds, from small shops to large industries. However, there is still a part of the sector that has not made the leap to updating these tools to fully improve productivity and data security.

This project will focus on a very specific area: the generation of production orders for pharmaceutical and dietary supplement laboratories. The creation and management of these orders requires an efficient, accurate and secure process that guarantees the satisfaction of customer requirements. For this reason, a web app, specifically designed for these companies, will be presented, providing solutions to optimize and improve the necessary processes.

1.1. PURPOSE

The main purpose is the development of a specialized software for the generation of production orders for pharmaceutical laboratories and dietary supplement companies. This software will ensure the efficiency, precision and security of the data in the process of creating the orders. As a result, customers will receive high quality and reliable work.

1.2. SCOPE

The 'OrdenesProd' project will be a web application for laboratories involved in the production of pharmaceuticals and food supplements. It will be an essential tool for a good management of the production orders.

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1.3. PERSONAL INVOLUCRADO

Name	Martinez Perez Diana
Role	Collection of the necessary information for the creation and correct documentation of the project.
Professional Category	Student
Responsibilities	Integradora
Contact Information	0323105965@ut-tijuana.edu.mx
Approved	

Name	Ramirez Navarro Marcos David
Role	Performing Ubuntu Operating system installation and testing.
Professional Category	Student
Responsibilities	Operating Systems
Contact Information	0323105847@ut-tijuana.edu.mx
Approved	

Name	Diaz Cervantes Amieva Alejandro
Role	Creation of a database to store the information entered in the software and to be able to access it freely.
Professional Category	Student
Responsibilities	Data Base
Contact information	0323105898@ut-tijuana.edu.mx
Approved	

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Name	Medina Becerra Alan Oswaldo
Role	Create a web page using the PHP language.
Professional category	Student
Responsibilities	Web Development
Contact information	0323106021@ut-tijuana.edu.mx
Approved	

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1.4. DEFINITIONS, ACRONYMS AND ABBREVIATIONS

Some words used in this software media may be unfamiliar to most people, even if they are basic, here are some brief descriptions of the words and abbreviations that may be unfamiliar or unknown what they mean completely may be better in major measure to understand this document.

User: A user is a person who uses or interacts with an application, software, electronic device, or computer system to accomplish a specific goal.

Software: This is a term that refers to a program or a set of computer programs, as well as the data, procedures, and guidelines that allow various tasks to be performed in a computer system

Module: A module in the software is a component that performs a specific function and is composed of different computer programs, as well as it can be a class, package, library or even a complete application that intersects with others to form more robust and complete systems.

Database: A database is a software product designed to store large amounts of information in an organized and structured manner. It can be stored locally on your personal computer or on an external remote server.

Reliability: It's the reliability with which an interface can be used by a user, reliability implies that the software must be understandable, learnable, usable, and attractive, and contribute to the functionality and efficiency of the product.

Portability: It's the possibility to compile the source code of a program so that it can be run on different computer platforms. Is the measure of the ease with which an application can transfer a computing environment.

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Optimization: Software optimization seeks to adapt computer systems to perform their tasks as efficiently as possible and use as few resources as possible.

Scalability: This refers to the ability of an application or system to handle an increased workload or demand efficiently, without compromising performance.

Security: It is essential to protect privacy and ensure a secure environment for users and for the program itself, protecting the integrity of data and ensuring the safety of users.

Performance: It is the measure of how efficiently the application uses the system resources to do Performance encompasses different aspects of how the program interacts with the underlying device.

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1.5. REFERENCES

Reference	Title	Date	Author
https://weremote.net/terminos-basicos-programacion/	21 términos básicos de programación que debes dominar	16 de febrero del 2023	Nicholas Bonder
https://redwerk.es/blog/vocabulario-de-terminos-de-desarrollo-de-software-para-no-tecnicos-los-60-mas-importantes/	Vocabulario de términos de desarrollo de software para no técnicos: Los 60 más importantes	08 de agosto del 2023	REDWERK

1.6. SUMMARY

With the development of this project, a technological tool will be implemented to provide better information management to those companies that are in the business of manufacturing pharmaceutical products and dietary supplements, focusing specifically on the management and creation of production orders. The program will be designed to work in a Web environment, maintaining an easy access to the information of all products, customers, orders, etc. that belong to the corresponding company, facilitating the contact and visibility of the necessary information.

The structure of the program is divided into different modules that allow users to easily understand how the program works.

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2. GENERAL DESCRIPTION

This document describes the development of a comprehensive Production Order Management software system. The system is designed to optimize the planning, coordination, and execution of orders with the goal of improving operational efficiency, billing accuracy, customer satisfaction, and overall control of operations.

The software integrates several critical functions, including order management, human resource management within the system, and order fulfillment. These functionalities allow for more efficient and accurate management of resources and processes involved in production. In addition, the system ensures the security of data storage, giving users the confidence they need to handle sensitive and critical information securely and reliably.

2.1. PRODUCT PERSPECTIVE

The "Production Orders" system is designed as a standalone software that is not limited by integration with other specific programs or applications. It also provides tools for business logic.

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2.2. PRODUCT FUNCTIONALITY

The system is divided into two types of users, one will have full access to the system (Administrator) and the other one will have limited access.

Product: The user will be able to register, update, view and delete any product.

Customer: The user will be able to register, update, view and delete any customer.

Employee: The user will be able to register, update, view and delete any employee

User : The user will be able to register, update, view and disable any user, assign user roles and unlock users.

Order: The user will be able to register, update, view and delete any order.

Production Order: The user will be able to register, update, view and delete any Production Order.

Formula: The user will be able to register, update, view and delete new formulas

BASIC USER

Order: The user will just view the order created.

Production Order: The user register, update and view the production orders.

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2.3. USER CHARACTERISTICS

User Type	Administrator
Education	Specialized in production orders.
Abilities	Basic program management
Activities	Register, administer and manage all information about customers, employees, orders and products

2.4. RESTRICTIONS

- The system must have a user friendly and intuitive interface.
- The system should have a data structure based on the standard MySQL model.
- The system must be available 365 days a year.
- The system must be able to handle an increase in the number of production orders without compromising its performance or functionality.
- The software should be compatible with the latest version of the client's operating system.

2.5. ASSUMPTIONS AND DEPENDENCE

- The devices on which the software is deployed must have a minimum of resources to function properly.
- Content management and information input should be the responsibility of the company.
- The person responsible for managing the programme should have a basic knowledge of similar software.

2.6. EXPECTED SYSTEM EVOLUTION

The web and technology trends are evolving rapidly. We want to spend time continuing to learn new tools, languages and techniques to help us keep the website up to date and competitive, including adapting our software to cell phones.

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3. SPECIFIC REQUIREMENTS

Requirement number	FR 1		
Name	DataBase		
Type	<input checked="" type="checkbox"/> Requirement <input type="checkbox"/> Constraint		
Description	The system will store and obtain all the information recorded through this requirement, for example; employee information, customers, formulas, orders, production orders.		
Priority	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Low/Optional High/Essential Medium/wished

Requirement number	FR 2		
Name	Orders management		
Type	<input checked="" type="checkbox"/> Requirement <input type="checkbox"/> Constraint		
Description	In this module you can modify or consult the data about the orders that customers have requested.		
Priority	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Low/Optional High/Essential Medium/wished

Requirement number	FR 3		
Name	Users management		
Type	<input checked="" type="checkbox"/> Requirement <input type="checkbox"/> Constraint		
Description	In this module you can assign the access restriction, you can choose between a normal user and an administrator user.		
Priority	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Low/Optional High/Essential Medium/wished

Requirement number	FR 4		
Name	Products management		
Type	<input checked="" type="checkbox"/> Requirement <input type="checkbox"/> Constraint		
Description	In this module you can modify or consult the products already done		
Priority	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Low/Optionall High/Essential Medium/wished

Requirement number	FR 5		
Name	Production orders management		
Type	<input checked="" type="checkbox"/> Requirement <input type="checkbox"/> Constraint		

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Description	in this module you can modify or consult the data about the production orders, example: the ingredients, the presentation.		
Priority	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Low/Optional High/Essential Medium/wished

Requirement number	FR 6		
Name	Employees management		
Type	<input checked="" type="checkbox"/> Requirement <input type="checkbox"/> Constraint		
Description	In this module you can modify or consult the data about the employees		
Priority	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Low/Optional High/Essential Medium/wished

Requirement number	FR 7		
Name	Customers management		
Type	<input checked="" type="checkbox"/> Requirement <input type="checkbox"/> Constraint		
Description	In this module you can modify or consult the data about the customers.		
Priority	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Low/Optional High/Essential Medium/wished

3.1. COMMON INTERFACE REQUIREMENTS

3.1.1. USER INTERFACES

1. General Design

We seek to appeal to as many people as possible through a simple, beautiful and eye-pleasing interface.

2. Main Screen, Menu Options

Users will be able to select an option using the keyboard or by clicking on the corresponding button on the graphical interface. Each option will take the user to a new screen or section where they can perform the specific actions related to that category.

3.1.2. HARDWARE INTERFACES

It will be necessary to have computing devices that are in good condition and fully functional, it will be required for the execution of the program.

3.1.3. SOFTWARE INTERFACES

For our product to be fully functional the only other software product that must be installed is the linux operating system, ubuntu distribution.

3.1.4. COMMUNICATION INTERFACES

The server and clients will communicate with each other, using standard protocols on the Internet, whenever possible. For example, existing protocols (FTP or other convenient protocols) should be used to transfer files.

3.2. FUNCTIONAL REQUIREMENTS

DataBase

Helps to properly manage and store all information entered into the program.

Customers module

In this module new clients are registered, as well as the data of the already registered clients can be modified and consulted.

Employees module

In this module you can register employees to enter the system, as well you can register a user and a role for the employee, such as modify and consult the information already entered.

Production Orders module

In this module the orders are registered, as well as the data of the already registered orders can be modified and consulted.

Orders module

In this module the purchase orders are registered, as well the data of the already registered purchase orders can be modified and consulted.

Products module

Here you can register new products, as well the data of the already registered products can be modified and consulted. Also in this module you can register, modify or consult the data of raw materials, packaging material, product type, presentation type and the ingredients.

Formula module

In this module you can register new formulas, as well the data of the already registered formulas can be modified and consulted.

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3.3. NON FUNCTIONAL REQUIREMENTS

Security

Total security is guaranteed in the use of the software, safeguarding all stored information and only managed by authorized people without the administration affecting the security of our system.

Reliability

User interfaces will be easy to access, streamlining their understanding, usefulness and functionality.

Availability

The system will be available 24 hours a day, every day of the week.

Maintainability

The developed software will have a user manual that offers all the information necessary for its use and will have monthly updates made by our developers.

Portability

The Production Orders system is compatible with any device with Windows 10 or higher operating system.

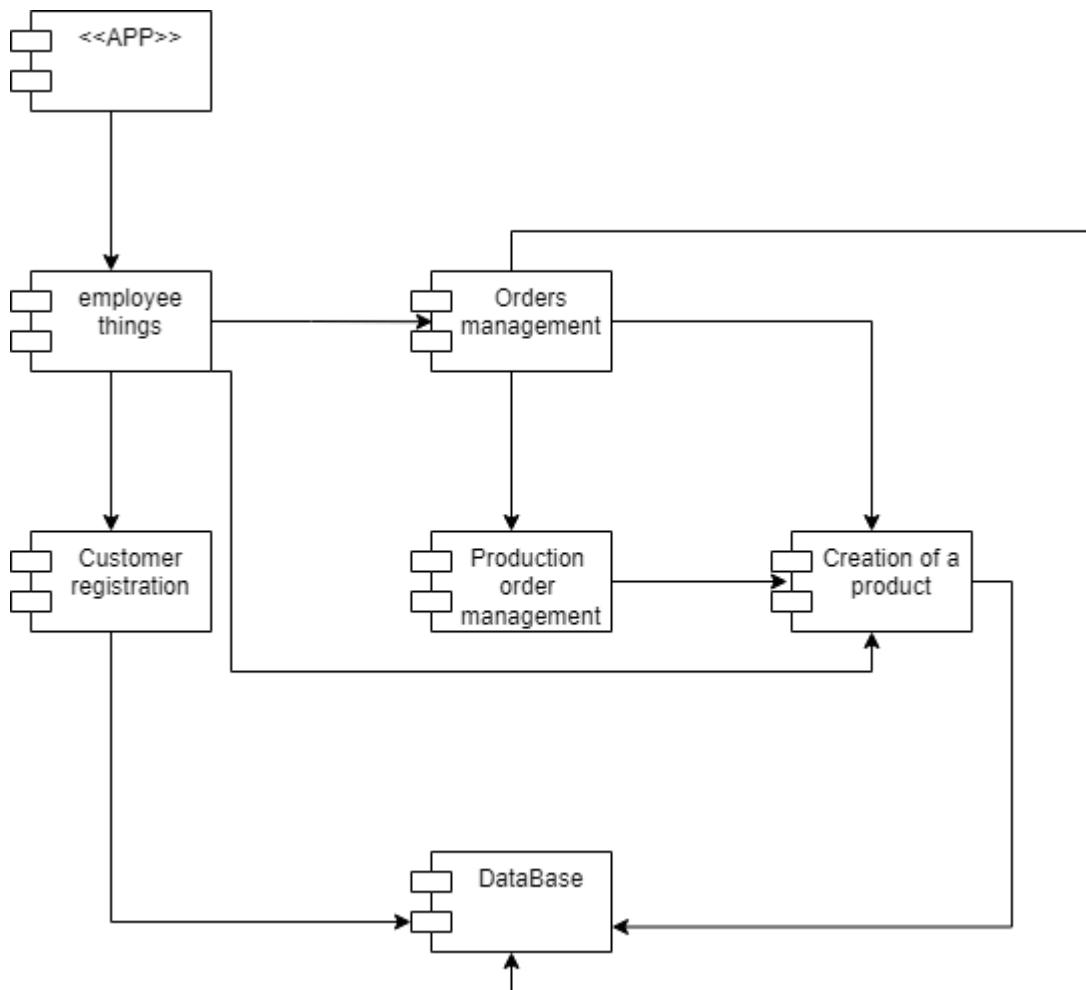
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4. ANNEX

COMPONENT DIAGRAM

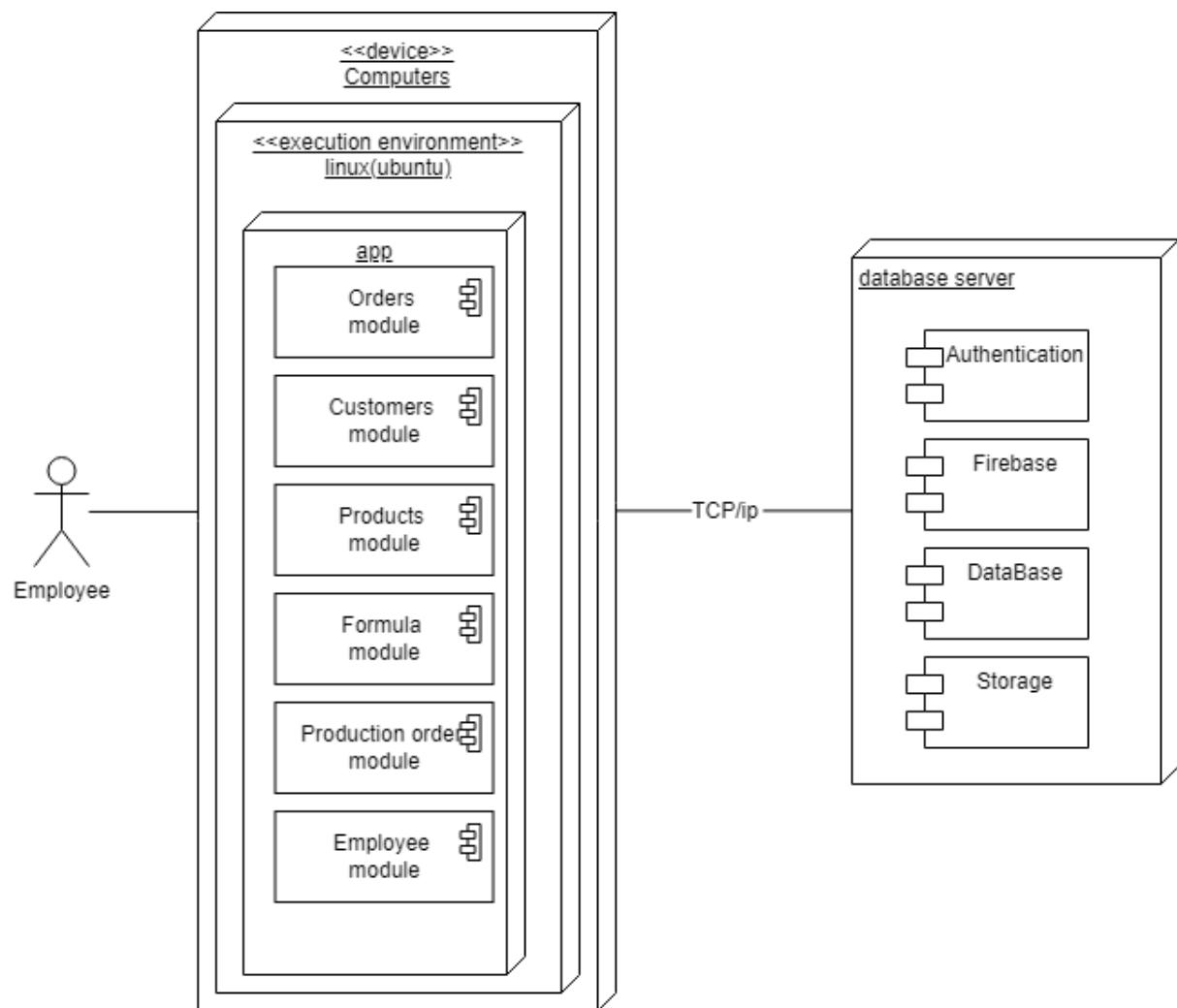


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DEPLOYMENT DIAGRAM



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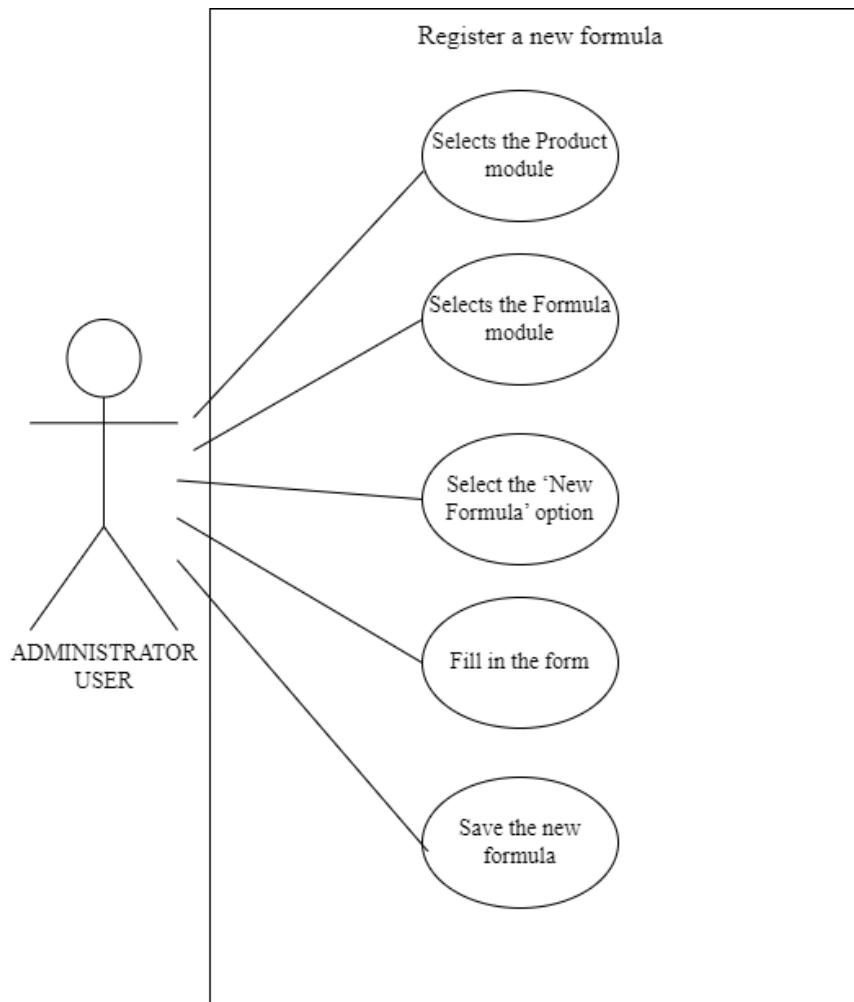
USE CASE

Name	Register a new formula
Author	Martínez Pérez Diana
Date	23/09/24
Description	Allows the user to register a new formula to produce a product.
Actors	User
Preconditions	Must have the formula in order to be registered.
Normal flow	<p>The product module is selected.</p> <p>The system displays a list of the different options available. The Formula option is selected.</p> <p>The system displays a list of the different options available. The 'New formula' option is selected.</p> <p>The system displays a form to obtain the formula information.</p> <p>The user fills in the form with the information and presses 'Submit'.</p> <p>The system asks if the information is correct.</p> <p>The user selects Yes.</p>
Alternative Flow	<p>The system asks if the information is correct.</p> <p>The user presses 'No'.</p> <p>The system returns the user to the form.</p> <p>The user completes the form with the correct information and presses 'Submit'.</p> <p>The system asks if the information is correct.</p> <p>The user selects Yes.</p>
Postconditions	The system prints the message "Formula correctly registered"

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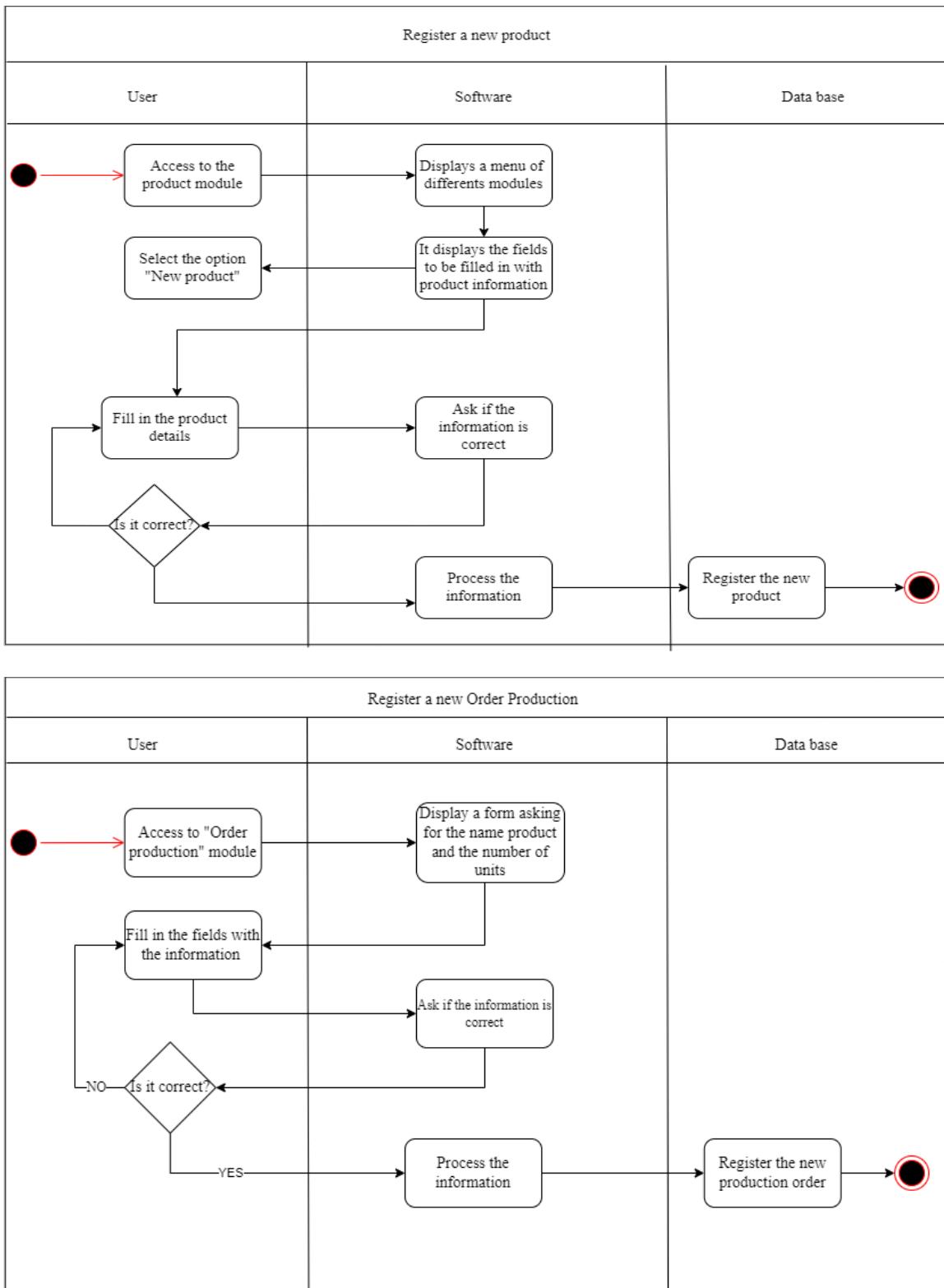


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ACTIVITY DIAGRAM

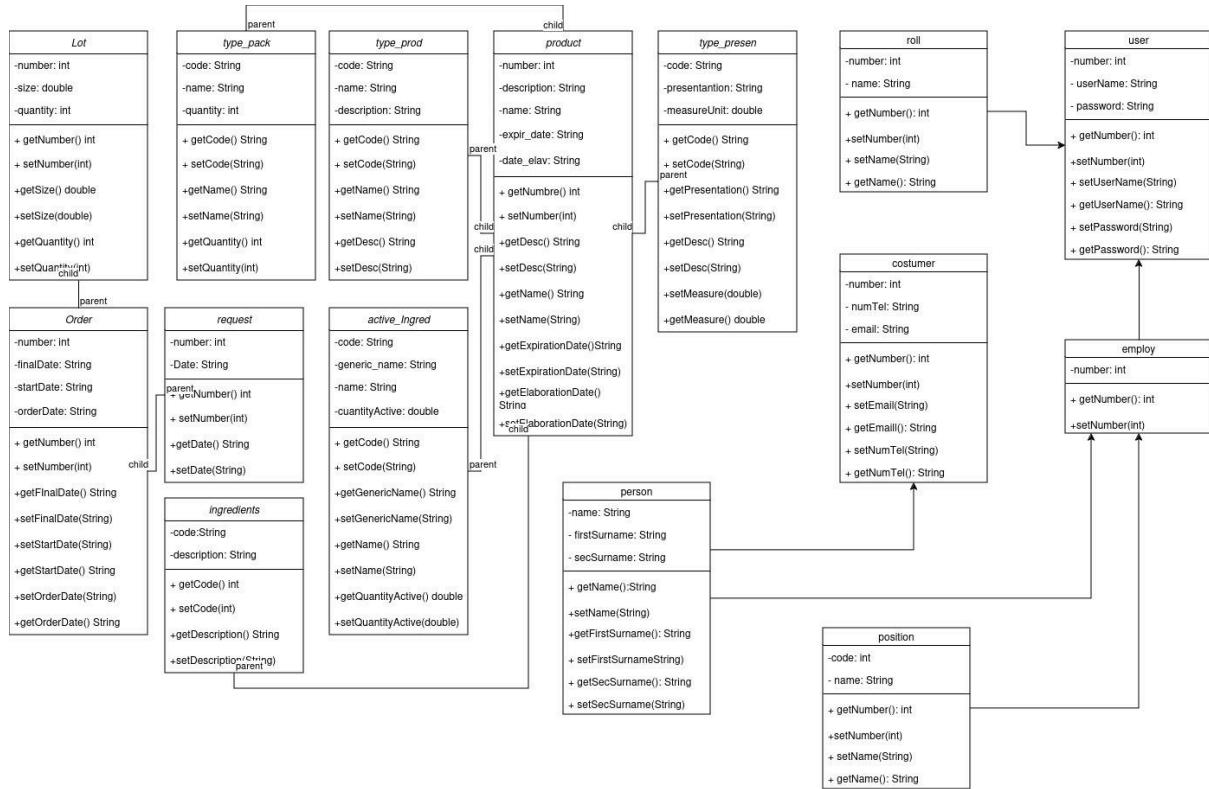


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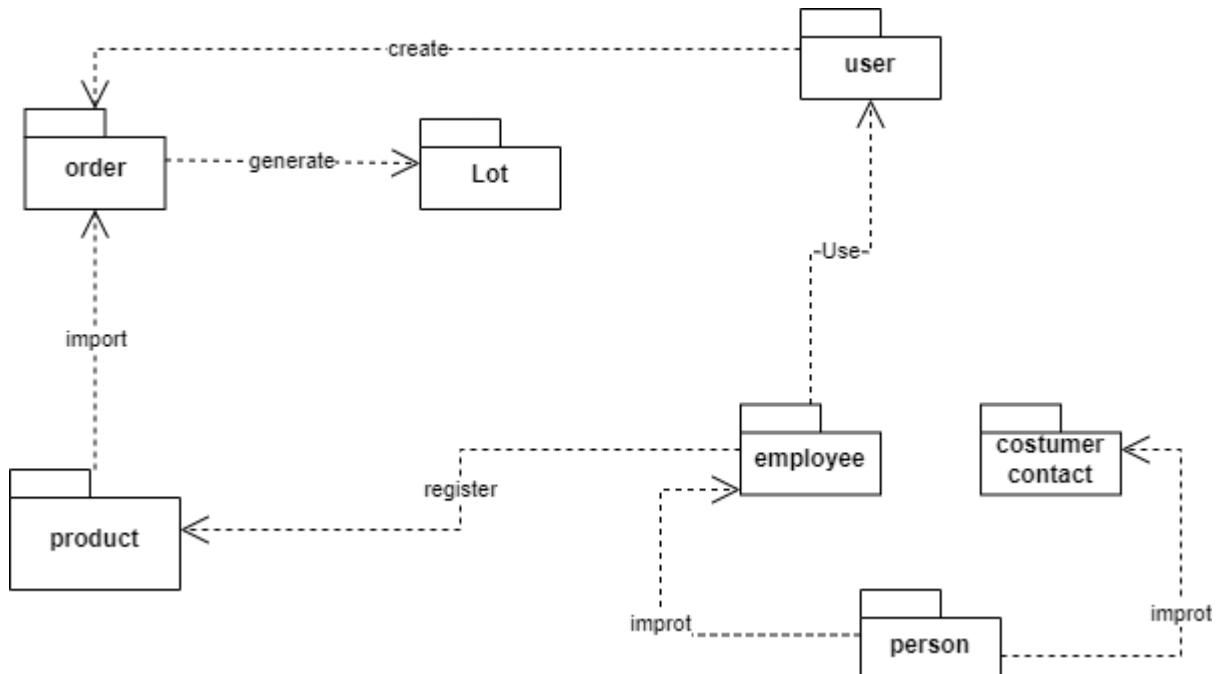
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CLASS DIAGRAM



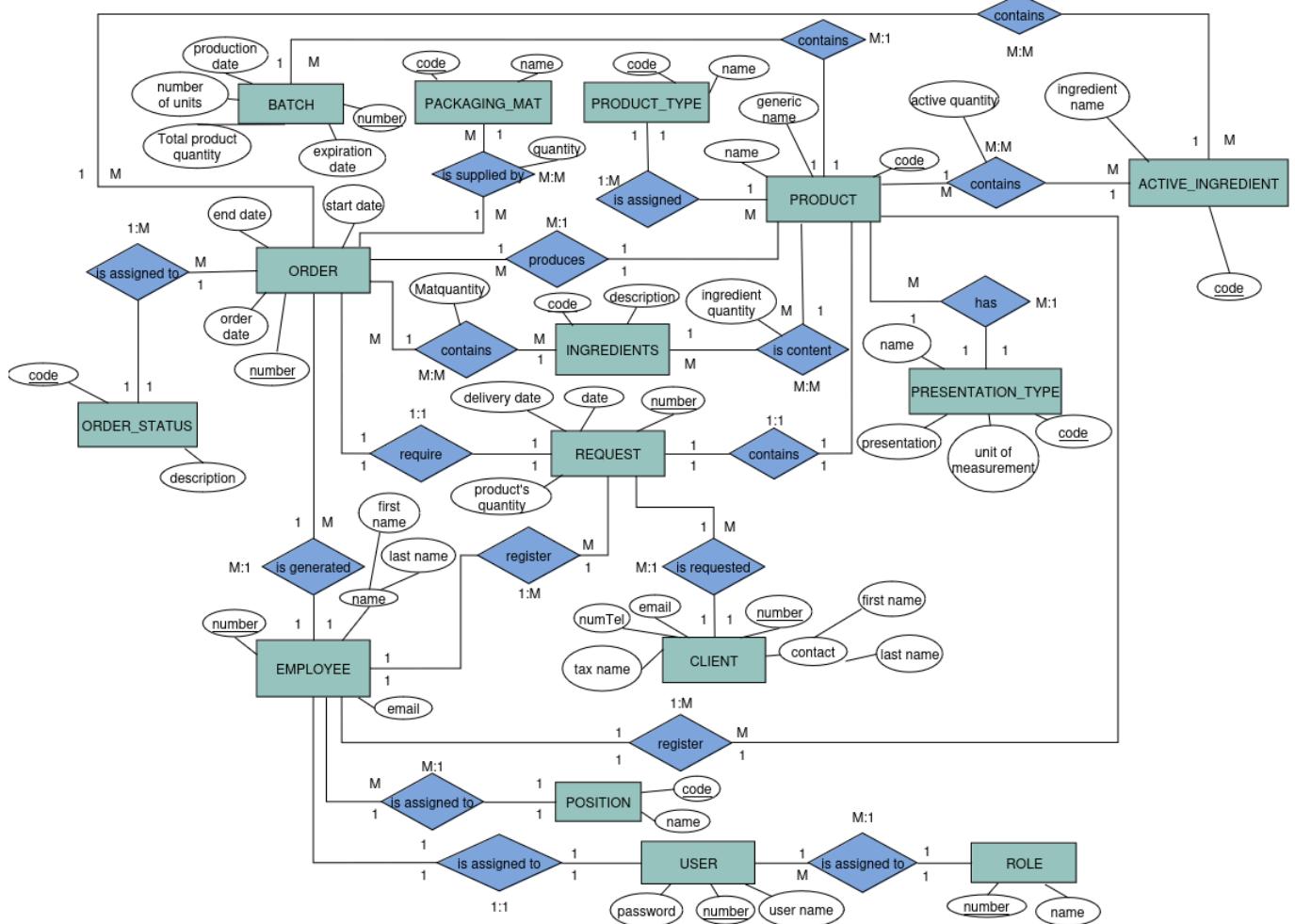
PACKAGE DIAGRAM



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ENTITY RELATIONSHIP DIAGRAM (ERD)

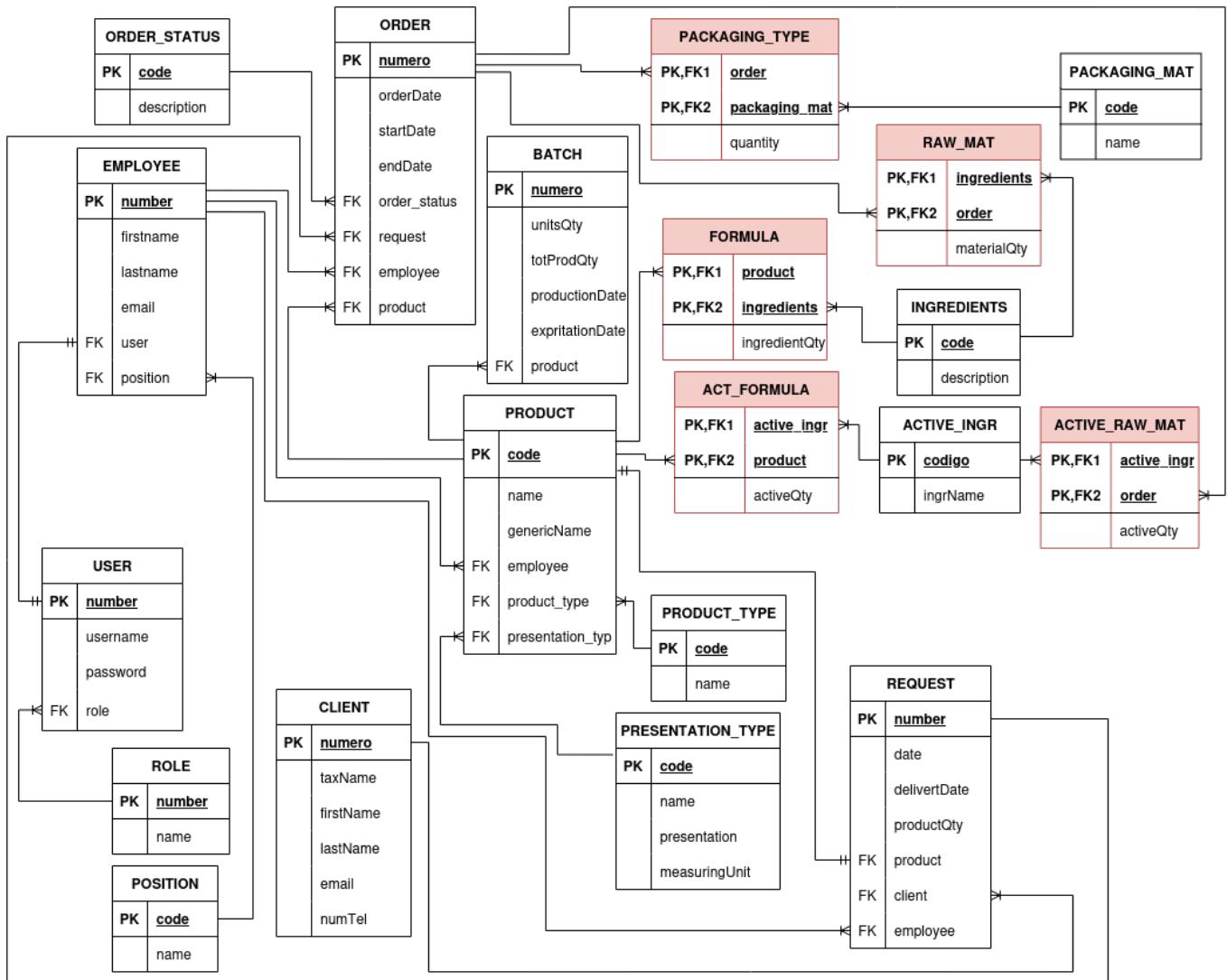


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RELATIONAL MODEL (RM)



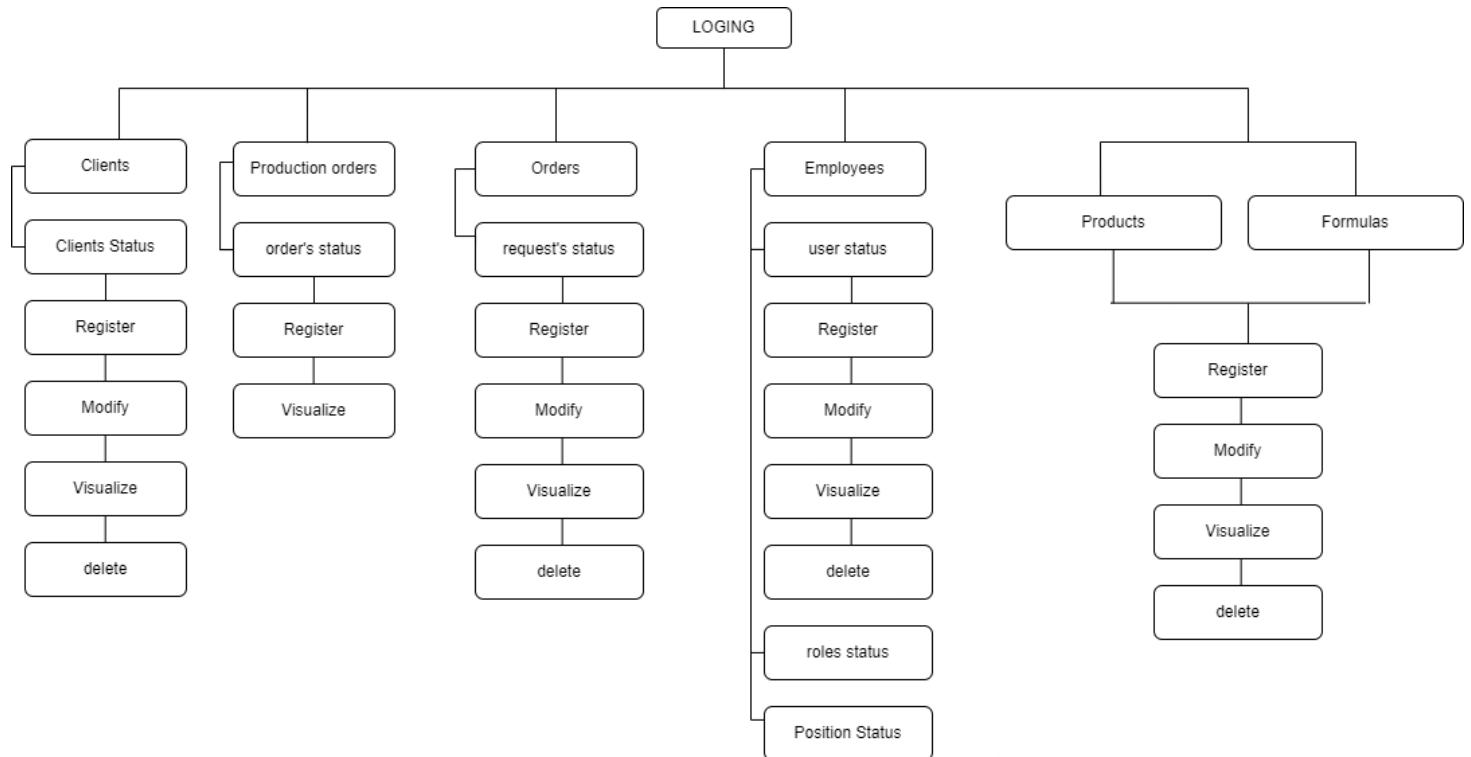
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WIREFRAMES

Architecture

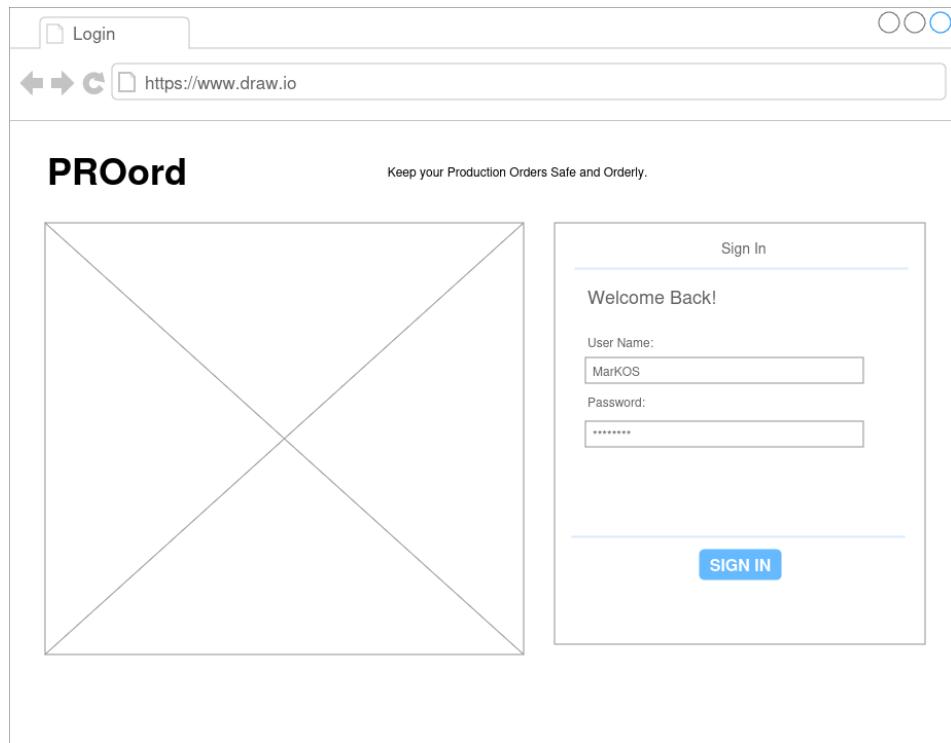


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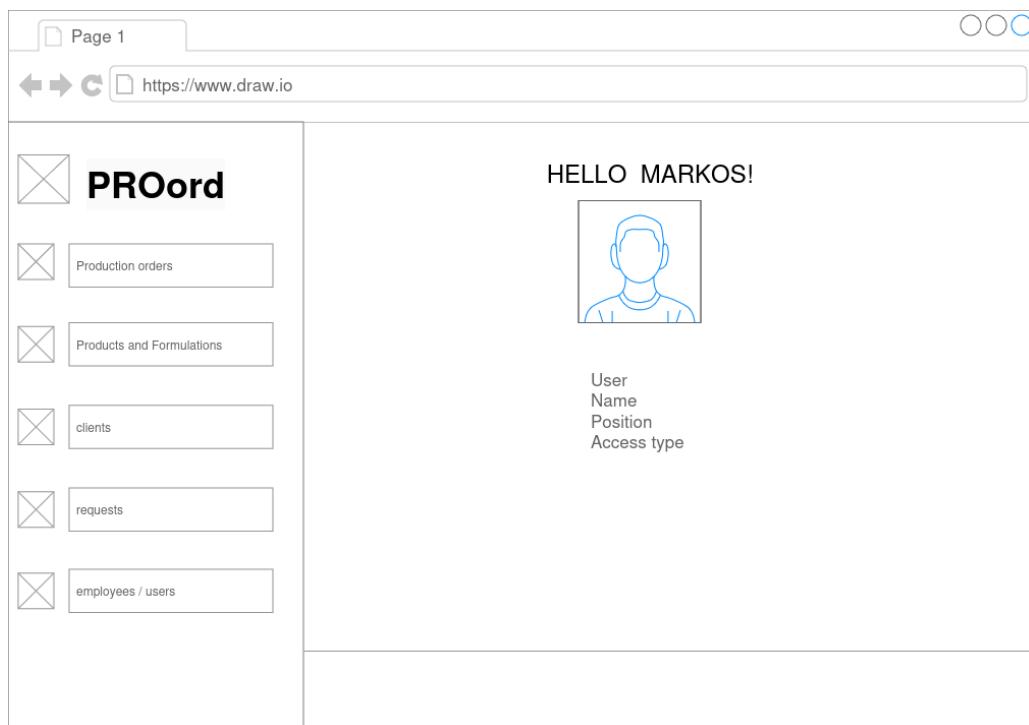
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Login



Admin options



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Production orders

The screenshot shows a web application titled "Ordenes De Producción". The interface includes a header with a back/forward button, a search bar, and a URL field. On the left is a sidebar with icons for registration, deletion, and search. The main area is titled "PRODUCTION ORDERS" and contains a table with the following data:

Number	Trademark	Generic Name	Date	Product type	Number of units	Status
1	Medecina para el dolor	Ibuprofeno	10-04-2025	Farmaceutico	1000pz	En proceso
1	Medecina para el dolor	Ibuprofeno	10-04-2025	Farmaceutico	1000pz	En proceso
1	Medecina para el dolor	Ibuprofeno	10-04-2025	Farmaceutico	1000pz	En proceso
1	Medecina para el dolor	Ibuprofeno	10-04-2025	Farmaceutico	1000pz	En proceso
1	Medecina para el dolor	Ibuprofeno	10-04-2025	Farmaceutico	1000pz	En proceso

Products and formulations

The screenshot shows a web application titled "Productos y Formulaciones". The interface includes a header with a back/forward button, a search bar, and a URL field. On the left is a sidebar with icons for registration, editing, deletion, and search. The main area is titled "PRODUCTS AND FORMULATIONS" and contains a table with the following data:

Code	Name	Generic Name	Product Type	Presentation	Concentration	Formulation
FHVSD	Medecina para el dolor	Ibuprofeno	Farmaceutico	20 tabletas	600 mg	
SDSSL	Fuertote	Proteina	Suplemento	1500 g	N/A	
FHVSD	Medecina para el dolor	Ibuprofeno	Farmaceutico	20 tabletas	600 mg	
FHVSD	Medecina para el dolor	Ibuprofeno	Farmaceutico	20 tabletas	600 mg	
FHVSD	Medecina para el dolor	Ibuprofeno	Farmaceutico	20 tabletas	600 mg	

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Clients

Number	Trade name	Contact	Phone	Email
1	Merck	José González Castro	555-555-5555	jose.gon@gmail.com
1	Medecina para el dolor	Ibuprofeno	10-04-2025	Farmaceutico
1	Medecina para el dolor	Ibuprofeno	10-04-2025	Farmaceutico
1	Medecina para el dolor	Ibuprofeno	10-04-2025	Farmaceutico

Requests

Information	Product	Units Quantity	Status
1 25-04-2025 Merck José González Castro	Medecina para el dolor 600 mg 20 tabletas	1000 unidades	Terminado
1 25-04-2025 Merck José González Castro	Medecina para el dolor 600 mg 20 tabletas	1000 unidades	Terminado
1 25-04-2025 Merck José González Castro	Medecina para el dolor 600 mg 20 tabletas	1000 unidades	Terminado
1 25-04-2025 Merck José González Castro	Medecina para el dolor 600 mg 20 tabletas	1000 unidades	Terminado

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Employee & Users

The screenshot shows a software application window titled "EMPLOYEE Y USERS". The window has a header bar with "Ordenes De Producción" and a URL "https://www.draw.io". Below the header are buttons for "Register", "Edit", and "Delete", along with "Filter" and "Search" fields. The main content area displays a table with the following data:

Employee Num.	User	Name	Email	Access type
1030	M.Ramirez	Markos Ramiroz Navarre	MRN@gmail.com	Administrador
1030	M.Ramirez	Markos Ramiroz Navarre	MRN@gmail.com	Administrador
1030	M.Ramirez	Markos Ramiroz Navarre	MRN@gmail.com	Administrador
1030	M.Ramirez	Markos Ramiroz Navarre	MRN@gmail.com	Administrador
1030	M.Ramirez	Markos Ramiroz Navarre	MRN@gmail.com	Administrador

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CODIFICATION IN PHP, JAVASCRIPT, HTML & CSS

Login

For the site's login, a carousel image was created to show a larger design; in a single section.

Divs were added to border the screen and center the username and password request.

The screenshot shows a code editor with two tabs: `login.php` and `login.css`.

login.php:

```
login.php > ⚡ html > ⚡ body > ⚡ section.login-section
1  <!DOCTYPE html>
2  <html> The header element represents introductory content for its nearest ancestor sectioning content or sectioning root
3  <head> element. A header typically contains a group of introductory or navigational aids. When the nearest ancestor
4  <_> sectioning content or sectioning root element is the body element, then it applies to the whole page.
5  <_> MDN Reference
6  <_> Send a raw HTTP header
7  </head>
8  <body> header( string $header [, bool $replace [, int $http_response_code ]] ): void
9  </body>
10 <header>
11   <div class="header-container">
12     <h1>PRODord</h1>
13     <p>Keep your production orders safe and orderly</p>
14   </div>
15 </header>
16
17 <section class="login-section">
18   <div class="login-container">
19     <div class="container-image">
20       
21       
22     </div>
23   <div class="container-login">
24     <h2>Login</h2>
25
26     <form method="post" action="">
27       <?php include 'conexion/controller.php'?>
28       <div class="cont-inputs">
29         <label for="user">Usuario</label>
30         <input type="text" id="user" name="user" placeholder="Type your username" />
31       </div>
32
33       <div class="cont-inputs">
34         <label for="clave">Contraseña</label>
35         <input type="password" name="password" id="password" placeholder="Type your password" />
36       </div>
37       <div class="cont-inputs">
38         <input type="submit" name="login" id="login" value="Sign In" class="button">
39       </div>
40     </form>
41   </div>
42 </div>
43
44 <div class="footer-container">
45   <?php include 'footer-nav/footer.php' ; ?>
46 </div>
47
48 <script src="js/carousel.js"></script>
49
50 </body>
51 </html>
52
```

login.css:

```
# login.css > # login.css > ⚡ .header-container p
1  html {
2    font-size: 80%;
3    font-family: Arial, sans-serif;
4  }
5
6
7  /* Fondo difuminado */
8  body::before {
9    content: "";
10   position: absolute;
11   top: 0;
12   left: 0;
13   width: 100%;
14   height: 100%;
15   background: url("../imagenes/image.png") no-repeat center center fixed;
16   background-size: cover;
17   filter: blur(7px);
18   z-index: -1;
19 }
20
21
22 .header-container{
23   display: flex;
24   align-items: center;
25   padding: 10px;
26   position: relative;
27   height: 20px;
28   background-color: #rgba(255, 255, 255, 0.537);
29 }
30 .header-container p{
31   margin: 0;
32   padding-left: 25px;
33   font-size: 16px;
34   font-weight: bold;
35   text-align: center;
36 }
37
38 .header-container h1{
39   padding-left: 5px;
40 }
41
42
43
44 .login-section{
45   display: flex;
46   justify-content: center;
47   align-items: center;
48   height: auto;
49   padding-left: 80px;
50   padding-right: 100px;
51   padding-top: 20px;
52 }
53 .login-container{
54   padding-top: auto;
```

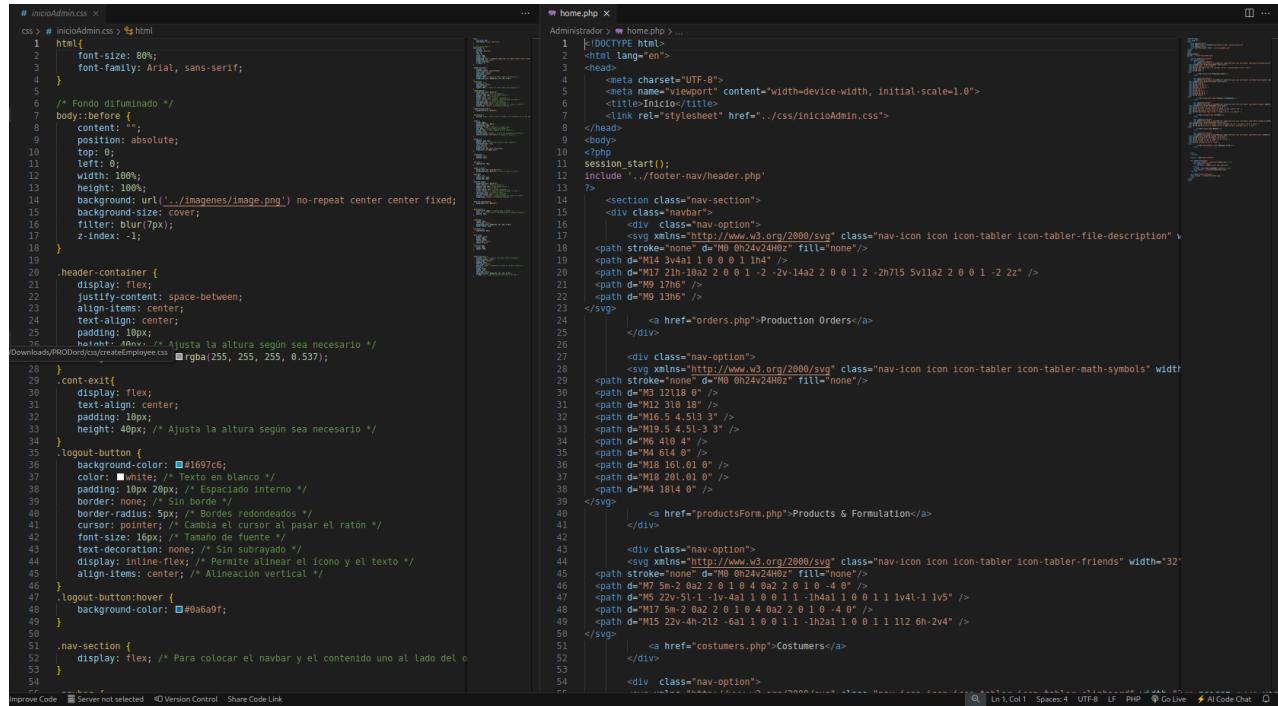
Management and Generation of Production Orders

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Home after login

On the home page after login, a navigation bar was designed on one side of the screen to select different modules such as Production Orders, Products and Recipes, Customers, Orders, Employees and Users. On the home page it displays the information of the logged in user, such as their username, employee name, their position and the type of access they have.



```
# inicioAdmin.css
css # inicioAdmin.css > html
1 html{
2   font-size: 80%;
3   font-family: Arial, sans-serif;
4 }
5 /* Fondo difuminado */
6 body::before {
7   content: "";
8   position: absolute;
9   top: 0;
10  left: 0;
11  width: 100%;
12  height: 100%;
13  background: url('../imagenes/image.png') no-repeat center center fixed;
14  background-size: cover;
15  filter: blur(7px);
16  z-index: -1;
17 }
18
19 .header-container {
20   display: flex;
21   justify-content: space-between;
22   align-items: center;
23   padding: 10px;
24   height: 40px; /* Ajusta la altura según sea necesario */
25 }
26 .conf-ext{
27   display: flex;
28   text-align: center;
29   padding: 10px;
30   border: none; /* Sin borde */
31   border-radius: 5px; /* Bordes redondeados */
32   cursor: pointer; /* Cambia el cursor al pasar el ratón */
33   font-size: 16px; /* Tamaño de fuente */
34   text-decoration: none; /* Sin subrayado */
35   display: inline-flex; /* Permite alinear el ícono y el texto */
36   align-items: center; /* Alineación vertical */
37 }
38 .logout-button:hover {
39   background-color: #0a6a9f;
40 }
41
42 .nav-section {
43   display: flex; /* Para colocar el navbar y el contenido uno al lado del otro */
44 }
```

```
Administrator : ~ home.php ...
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Inicio</title>
7   <link rel="stylesheet" href="../css/inicioAdmin.css">
8 </head>
9 <body>
10 <?php
11 session_start();
12 include '../footer/nav/header.php';
13 ?>
14 <section class="nav-section">
15   <div class="navbar">
16     <div class="nav-option">
17       <a href="orders.php"><img alt="http://www.w3.org/2000/svg" class="nav-icon icon icon-tabler icon-tabler-file-description" width="32" height="32"/></a>
18       <path stroke="none" d="M0 0h24v24h0z" fill="none"/>
19       <path d="M14 3v1a1 0 0 0 1 1a2 2 0 0 1 2 -2h7l5 5v1a2 2 0 0 1 2 -2z2z" />
20       <path d="M12 2h1a2 2 0 0 1 2 -2v-1a2 2 0 0 1 2 -2z1z1" />
21       <path d="M9 13h6" />
22     </div>
23     <div class="nav-option">
24       <a href="products.php">Production Orders</a>
25     </div>
26   </div>
27   <div class="nav-option">
28     <img alt="http://www.w3.org/2000/svg" class="nav-icon icon icon-tabler icon-tabler-math-symbols" width="32" height="32"/>
29     <path stroke="none" d="M0 0h24v24h0z" fill="none"/>
30     <path d="M12 13v1a1 0 0 0 1 1a2 2 0 0 1 2 -2h7l5 5v1a2 2 0 0 1 2 -2z2z1" />
31     <path d="M12 13h6" />
32     <path d="M16 5 4.5 1.3 3" />
33     <path d="M19.5 4.5 1.3 3" />
34     <path d="M6 4l0 4" />
35     <path d="M6 6l0 6" />
36     <path d="M11 16l0 6" />
37     <path d="M18 20l.01 0" />
38     <path d="M4 18l4 0" />
39   </div>
40   <div class="nav-option">
41     <a href="productsForm.php">Products & Formulation</a>
42   </div>
43   <div class="nav-option">
44     <img alt="http://www.w3.org/2000/svg" class="nav-icon icon icon-tabler icon-tabler-friends" width="32" height="32"/>
45     <path stroke="none" d="M0 0h24v24h0z" fill="none"/>
46     <path d="M12 13v1a1 0 0 0 1 1a2 2 0 0 1 2 -2h7l5 5v1a2 2 0 0 1 2 -2z2z1" />
47     <path d="M5 2 6a2 2 0 1 0 4 6a2 2 0 1 0 4 6" />
48     <path d="M5 2v-5l1 2 0 1 0 4 6a2 2 0 1 0 4 6" />
49     <path d="M17 5m-2 0a2 2 0 1 0 4 0a2 2 0 1 0 4 0" />
50     <path d="M15 22v-4h2l -6a1 1 0 0 1 1 -1h2a1 1 0 0 1 1 1l2 6h-2v4" />
51   </div>
52   <div class="nav-option">
53     <a href="customers.php">Customers</a>
54   </div>
55   <div class="nav-option">
```

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Connections

- “connection.php” is responsible for establishing the connection with the database.
- “controler.php” is used as an authentication method that verifies a user's login and redirection based on the user's role.
- “get_access.php” is used to generate a drop-down menu (<select>) with the available roles that are stored in the database and allows the user to select a specific role from the data that was obtained from the database.
- “get_pos.php” is used to connect to a database, retrieve the positions availables from the positions table, and generate an HTML drop-down list of those positions, if there is not one available, it provides a message indicating that no data was found.

```
get_pos.php
connection > get_pos.php > ...
1 <?php
2 include_once 'connection.php';
3
4 $connection = connection();
5
6 // Consulta para obtener los puestos
7 $sql = "SELECT clave, nombre FROM puesto";
8 $resultado = $connection->query($sql);
9
10 echo '<option value=""> Choose a position </option>';
11 if ($resultado->num_rows > 0) {
12     // Agregar una opción por cada puesto
13     while ($fila = $resultado->fetch_assoc()) {
14         echo '<option value="' . $fila['clave'] . '">' . $fila['nombre'] . '</option>';
15     }
16 } else {
17     echo '<option value="">Data not found</option>';
18 }
19
20 ?>
21

get_access.php
connection > get_access.php > ...
1 <?php
2 include_once 'connection.php';
3
4 $connection = connection();
5
6 // Consulta para obtener los puestos
7 $sql = "SELECT numero, nombre FROM rol";
8 $resultado = $connection->query($sql);
9
10 echo '<option value=""> Choose an Access Type </option>';
11 if ($resultado->num_rows > 0) {
12     // Agregar una opción por cada puesto
13     while ($fila = $resultado->fetch_assoc()) {
14         echo '<option value="' . $fila['numero'] . '">' . $fila['nombre'] . '</option>';
15     }
16 } else {
17     echo '<option value="">Data not found</option>';
18 }
19
20 ?>
21

controller.php
connection > controller.php > ...
1 <?php
2 include 'connection.php'; // Incluye el archivo de conexión
3
4 session_start();
5
6 // Establecer la conexión
7 $connection = connection(); // Llama a la función de conexión
8
9 if (!empty($_POST["login"])) {
10     // Verificar si los campos están vacíos
11     if (empty($_POST["user"]) || empty($_POST["password"])) {
12         echo "<div>Please fill all the fields.</div>";
13     } else {
14         $user = $_POST["user"];
15         $password = $_POST["password"];
16
17         // Asegurarse de que $connection esté definida y sea válida
18         if ($connection) {
19             $stmt = $connection->prepare("SELECT * FROM usuario WHERE username = ? AND clave = ?");
20             if (!$stmt) {
21                 echo "Error in the preparation of the consultation: " . $connection->error;
22                 exit();
23             }
24             $stmt->bind_param("ss", $user, $password);
25             $stmt->execute();
26         }
27     }
28 }

connection.php
connection > connection.php > ...
1 <?php
2 function connection() : mysqli {
3     $db = mysqli_connect("localhost", "root", "", "prueba");
4
5     // Verificar si la conexión fue exitosa
6     if (!$db) {
7         die("Connection fail: " . mysqli_connect_error());
8     }
9
10    return $db; // Retorna la conexión
11 }
12
13 ?>
```

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- “showInfoEmp.php” is used for retrieving user information that finds a logged in user, queries their information in a database and displays it on the web page.
- “showName.php” is used to check if a user is logged in, retrieves their name from the database using their username, and displays a welcome message.
- “submitEmployee.php” is used to handle user registration by connecting to a database and inserting user and employee information into two tables: user (for user data) and employee (for employee details).
- “logout.php” is used for logout which clears the user session data, destroys the session and then redirects the user to the login page.

The screenshot shows a code editor with four tabs open, each containing PHP code:

- showName.php:** A script that checks if a user is logged in (via session). If so, it performs a database query to retrieve the user's name and displays a welcome message.
- submitEmployee.php:** A script that handles user registration. It checks if the request is a POST, retrieves form data, and inserts the user's information into a database table.
- showInfoEmp.php:** A script that retrieves user information from the database based on the logged-in user's session.
- logout.php:** A script that logs the user out by destroying the session and redirecting them to the login page.

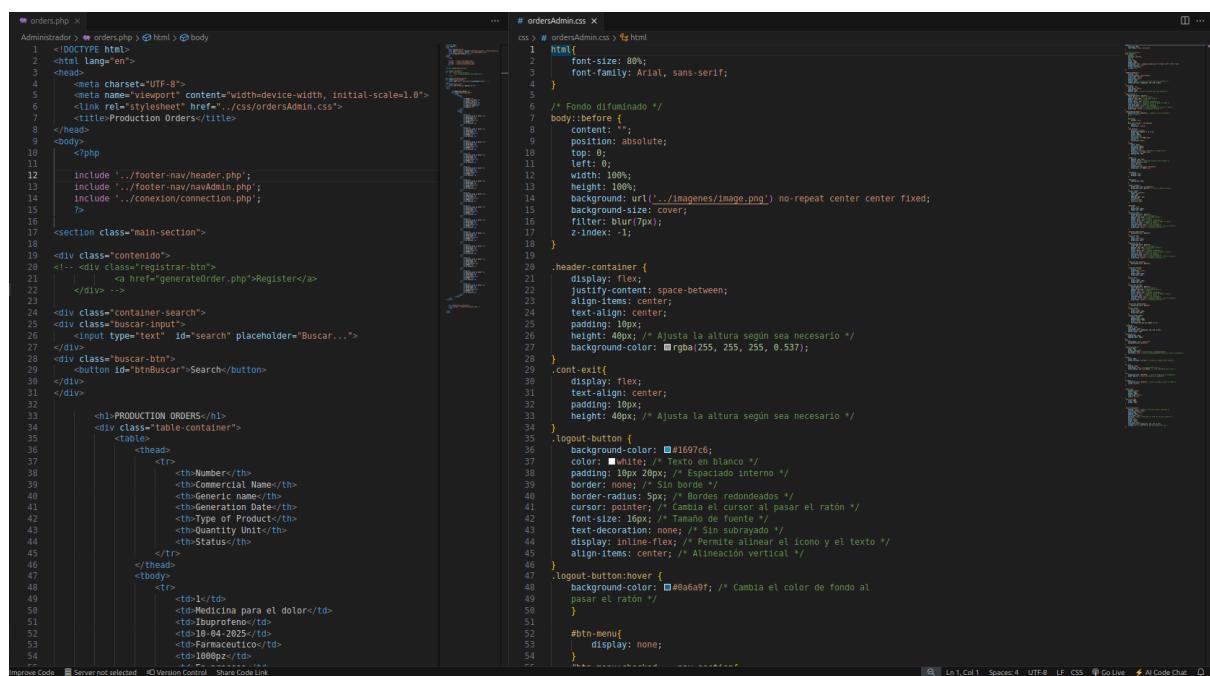
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Production orders

In this section, a table of pharmaceuticals and dietary supplements production orders is designed. Each row of the table contains details of a product in process with the following columns: Number, Trade Name, Generic Name, Generation Date, Product Type, Quantity, and Status. The section also has navigation options such as a menu, a logout button, and a search field to filter results.



The screenshot shows a code editor with two files open: `orders.php` and `ordersAdmin.css`.

`orders.php` (PHP file):

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="../../css/ordersAdmin.css">
    <title>Production Orders</title>
</head>
<body>
    <?php
        include '../../footer-nav/header.php';
        include '../../footer-nav/navAdmin.php';
        include '../../conexion/connection.php';
    ?>
    <section class="main-section">
        <div Class="contenido">
            <!-- <div class="registrar-btn">
                <a href="#">generateOrder.php</a>
            </div> -->
            <div class="container-search">
                <div class="buscar-input">
                    <input type="text" id="search" placeholder="Buscar...">
                </div>
                <div class="buscar-btn">
                    <button id="btnBuscar">Search</button>
                </div>
            </div>
            <h1>PRODUCTION ORDERS</h1>
            <div class="table-container">
                <table>
                    <thead>
                        <tr>
                            <th>Number</th>
                            <th>Commercial Name</th>
                            <th>Generic Name</th>
                            <th>Generation Date</th>
                            <th>Type of Product</th>
                            <th>Quantity Unit</th>
                            <th>Status</th>
                        </tr>
                    </thead>
                    <tbody>
                        <tr>
                            <td>1</td>
                            <td>Medicina para el dolor</td>
                            <td>Ibuprofeno</td>
                            <td>10-04-2025</td>
                            <td>Farmaceutico</td>
                            <td>1000pz</td>
                            <td>En Proceso</td>
                        </tr>
                    </tbody>
                </table>
            </div>
        </div>
    </section>
</body>
```

`ordersAdmin.css` (CSS file):

```
css > # ordersAdmin.css > html
1   html {
2     font-size: 80%;
3     font-family: Arial, sans-serif;
4   }
5   /* Fondo difuminado */
6   body::before {
7     content: "";
8     position: absolute;
9     top: 0;
10    left: 0;
11    width: 100%;
12    height: 100%;
13    background: url('../../Imagenes/image.png') no-repeat center center fixed;
14    background-size: cover;
15    filter: blur(7px);
16    z-index: -1;
17  }
18
19
20 .header-container {
21   display: flex;
22   justify-content: space-between;
23   align-items: center;
24   text-align: center;
25   padding: 10px;
26   height: 40px; /* Ajusta la altura según sea necesario */
27   background-color: #rgba(255, 255, 255, 0.537);
28 }
29 .cont-exit{
30   display: flex;
31   text-align: center;
32   padding: 10px;
33   height: 40px; /* Ajusta la altura según sea necesario */
34 }
35 .logout-button {
36   background-color: #1697c6;
37   color: #fff; /* Texto en blanco */
38   padding: 10px 20px; /* Espaciado interno */
39   border: none; /* Sin borde */
40   border-radius: 10px; /* Bordes redondeados */
41   cursor: pointer; /* Cambia el cursor al pasar el ratón */
42   font-size: 10px; /* Tamaño de fuente */
43   text-decoration: none; /* Sin subrayado */
44   display: inline-flex; /* Permite alinear el ícono y el texto */
45   align-items: center; /* Alineación vertical */
46 }
47 .logout-button:hover {
48   background-color: #a6a9f; /* Cambia el color de fondo al
49   pasar el ratón */
50 }
51 #btn.menu{
52   display: none;
53 }
```

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Create employee

Management was added to the records of new users and employees for the database which includes the connection to the database, a form that receives a POST request for the name, surname, email, username, password and password verification , likewise selecting the position and type of access. This allows a new record to be inserted into the users table of the database if it successfully uses the user's ID to insert the data into the employees table.

```
# createEmployee.css
...
css > # createEmployee.css 4.html
1 html{
2   font-size: 80px;
3   font-family: Arial, sans-serif;
4 }
5
6 /* Estilo de fondo */
7 body, before {
8   content: '';
9   position: absolute;
10  top: 0;
11  left: 0;
12  width: 100px;
13  height: 100px;
14  background: url('../imagenes/image.png') no-repeat center center fixed;
15  background-size: cover;
16  filter: blur(7px);
17  z-index: -1;
18 }
19
20 .header-container {
21   display: flex;
22   justify-content: space-between;
23   align-items: center;
24   text-align: center;
25   padding: 10px;
26   height: 40px; /* Ajusta la altura según sea necesario */
27   background-color: #rgba{255, 255, 255, 0.537};
28 }
29
30 .cont-ext {
31   display: flex;
32   text-align: center;
33   padding: 10px;
34   height: 40px; /* Ajusta la altura según sea necesario */
35 }
36
37 .logout-button {
38   background-color: ##6976f6;
39   color: white; /* Texto en blanco */
40   padding: 10px 20px; /* Espaciado interno */
41   border-radius: 5px; /* Sin borde */
42   border: none; /* Sin borde */
43   border: 1px solid #800000; /* Resalta alrededor */
44   cursor: pointer; /* Cambia el cursor al pasar el ratón */
45   font-size: 16px; /* Tamaño de fuente */
46   text-decoration: none; /* Si hubiera subrayado */
47   display: inline-flex; /* Permite alinear el ícono y el texto */
48   align-items: center; /* Alineación vertical */
49 }
50
51 .logout-button:hover {
52   background-color: ##8a6a9f; /* Cambia el color de fondo al
53   pasar el ratón */
54 }

#btn-nenu {
  display: none;
}

.createEmployee.php x
...
Administrator > createEmployee.php 4.html > body > section.main-section > div.contenido > section > div.form-container > form > div.info-container
1 <html>
2   <head lang="en">
3     <meta charset="UTF-8">
4     <meta name="viewport" content="width=device-width, initial-scale=1.0">
5     <link rel="stylesheet" href="../css/createEmployee.css">
6     <title>Create Production Order</title>
7
8   </head>
9   <body>
10
11   <?php include '../footer/nav/header.php'?>
12   <?php include '../footer/nav/navAdmin.php'?>
13
14   <section class="main-section">
15     <div class="contenido">
16       <h1>Register Employee</h1>
17
18       <section>
19         <div class="form-container">
20           <form action="" method="POST">
21             <?php include '../conexion/submitEmployee.php'?>
22             <div class="info-container">
23               <div class="personal-cont">
24                 <?php echo $connection->error?>
25                 <div class="cont-inputs">
26                   <label for="name">Name</label>
27                   <input type="text" name="name" placeholder="Name" required>
28                 </div>
29                 <div class="cont-inputs">
30                   <label for="lastname1">Lastname 1</label>
31                   <input type="text" name="lastname1" placeholder="Lastname 1" required>
32                 </div>
33                 <div class="cont-inputs">
34                   <label for="lastname2">Lastname 2</label>
35                   <input type="text" name="lastname2" placeholder="Lastname 2" required>
36                 </div>
37                 <div class="cont-inputs">
38                   <label for="email">Email</label>
39                   <input type="email" name="email" placeholder="example@email.com" required>
40                 </div>
41               <div class="cont-inputs">
42                 <label>Choose a position:</label>
43                 <select name="position" required>
44                   <?php include '../conexion/get_pos.php'?>
45                 </select>
46               </div>
47
48               <div class="user-cont">
49                 <?php echo $connection->error?>
50                 <div class="cont-inputs">
51                   <label for="username">Username</label>
52                   <input type="text" name="user" placeholder="Username" required>
53                 </div>
54               </div>
55             </div>
56           </form>
57         </div>
58       </section>
59     </div>
60   </section>
61
62   <div>
63     <?php include '../footer/footer.php'?>
64   </div>
65
66 </body>
67
68 </html>
```

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Testing database

```
home > genkai > Downloads > create database prueba.sql
 1  create database prueba
 2
 3  create table puesto(
 4    clave int PRIMARY KEY AUTO_INCREMENT,
 5    nombre varchar (20) not null
 6  )
 7
 8  insert into puesto (clave, nombre) values (1, 'Supervisor'),
 9 (2, 'Operador')
10
11  create table rol(
12    numero int PRIMARY KEY AUTO_INCREMENT not null,
13    nombre varchar (30) not null
14  )
15
16  insert into rol (numero, nombre) values (1, 'Basico'),
17 (2, 'Administrador'),
18 [3, 'Administrador General']
19
20  create table usuario(
21    num int primary key AUTO_INCREMENT not null,
22    username varchar(15) not null,
23    clave varchar(20) not null,
24    rol int not null,
25    foreign key (rol) references rol(numero)
26  )
27
28  insert into usuario(num, username, clave, rol) values (1,'admin', '13245', 3),
29 (2,'amedina', '123456', 2),
30 (3,'mramirez', '123456', 2)
31
32  create table empleado(
33    numero int PRIMARY KEY AUTO_INCREMENT,
34    nombre varchar (30) not null,
35    primApellido varchar (30) not null,
36    segApellido varchar (30) null,
37    email varchar (50) not null,
38    usuario int,
39    puesto int,
40    foreign key (usuario) references usuario(num),
41    foreign key (puesto) references puesto(clave)
42  )
43
44  insert into empleado (numero, nombre, primApellido, segApellido, email, usuario, puesto) values
45 (1, 'Alan', 'Medina', 'Becerra', 'alanoswaldo53@gmail.com', 2, 1),
46 (2, 'Marcos', 'Ramirez', 'Navarro', 'marcos@gmail.com', 3, 1)
47
```

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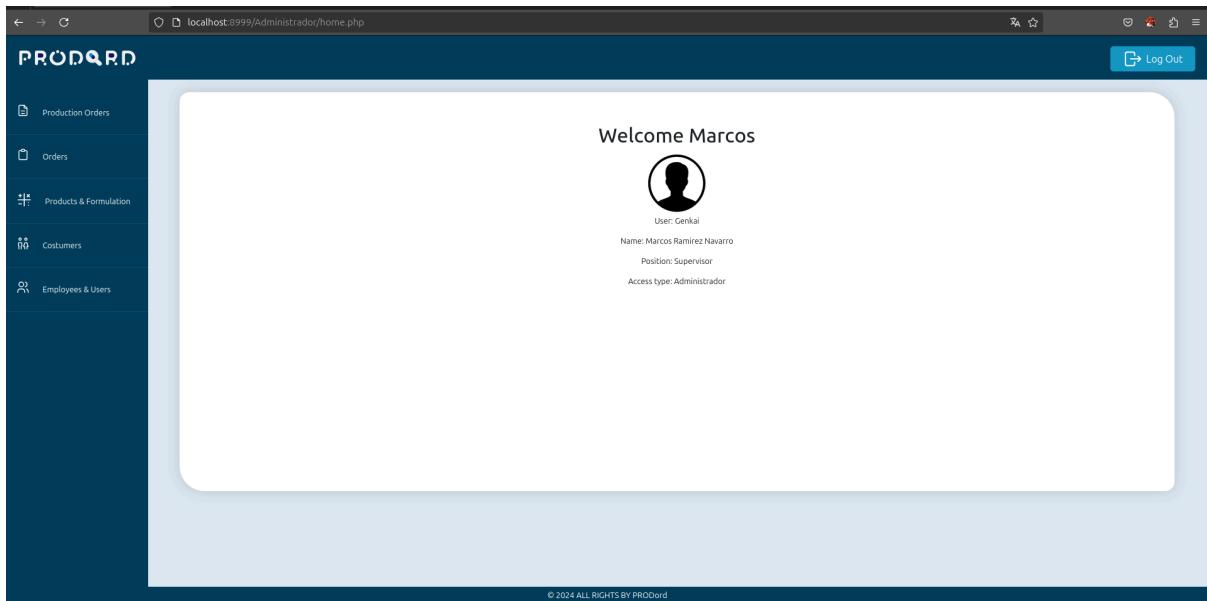
39

TESTING THE OPERATION OF THE PROJECT

Home

This is the section where you start once you enter to the program as an administrator, the program gives you a welcome and tells you a brief information about your user, in this section you can interact with the menu which is on the left, you can go to production orders to see the production orders that are already registered. In orders you can see the orders requested by customers and make them. In productions and formulations you can see the products already registered and their corresponding formulation plus you can add new products and formulations. In customers you can see the customers information and also you can register new customers or modify them. And the last one is employees and users, here you can add new employees, see information, modify information, and modify passwords.

If you enter as a basic you only be able to view, you can't register anything neither modify.



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Employees and users

Here you can watch the information about the employees and his username, register new employees, and modify them. Also in this section is where the password can be changed.

EMPLOYEE NUMBER	USER	NAME	EMAIL	TYPE OF ACCESS	POSITION
1	anmedina	Alan Oswaldo Medina Becerra	AlanMedina@hotmail.com	Administrador	Gerente
2	Genkai	Marcos Ramirez Navarro	MarcosRamirez@gmail.com	Administrador	Supervisor
3	adiaz	Alejandro Diaz Cervantes Amieva	AlejandroDiaz@icloud.com	Basico	Operador
4	dmartinez	Diana Martinez Perez	DianaMartinez@gmail.com	Basico	Operador
5	micalamaro	Mateo Calamaro Ortiz	MateoCalamaro@yahoo.com	Basico	Operador
6	elZorro	Raul Alejandro Ocasio Ruiz	MarcosRamirez@gmail.com	Basico	Operador
7	CiscopherGod	Ciscopher Cotteras Ruiz	MarcosRamirez@gmail.com	Basico	Operador

Register Employee

Once you click on the register button you will see a modal with the form to fill out with the employee's data, when you register an employee you register the user at the same time.

TYPE OF ACCESS	POSITION
Administrador	Gerente
Administrador	Supervisor
Basico	Operador

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Proof of employee registration

EMPLOYEE & USERS

Register Employee

Name:	Username:
Kakashi	elDelSharingan
Surname:	Password
Hatake	*****
Lastname:	Confirm Password
Konoha	*****
Email:	Role
KakashiKonoha@hotmail.com	Basico
Position:	
Operador	

Close **Register**

EMPLOYEE & USERS

Register Employee

Name:	Username:
Kakashi	elDelSharingan
Surname:	Password
Hatake	*****
Lastname:	Confirm Password
Konoha	*****
Email:	Role
KakashiKonoha@hotmail.com	Basico
Position:	Operador

⊕ localhost:8998

Employee successfully registered

Aceptar

Close **Register**

5	mcalamaro	Mateo Calamaro Ortiz	MateoCalamaro@yahoo.com	Basico	Operador
6	elDelSharingan	Kakashi Hatake Konoha	KakashiKonoha@hotmail.com	Basico	Operador

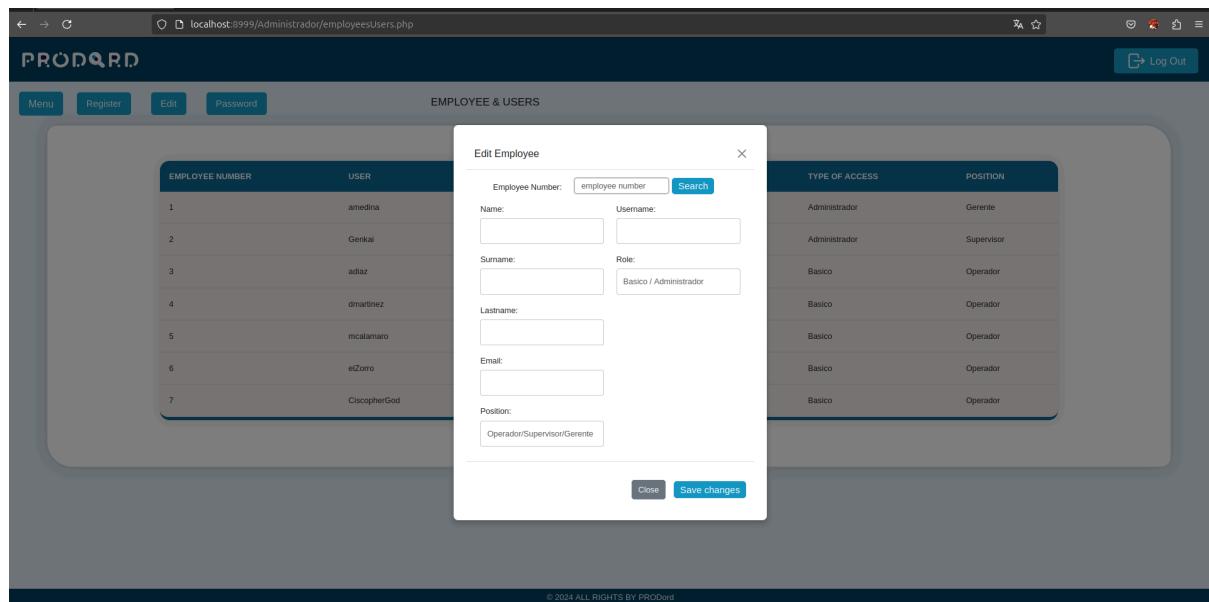
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Edit Employee

If you click on edit, a modal will appear with a form to modify the information of an employee, at the beginning of the modal there will be a button to search by number the employee you want to modify, this way the information already registered will be filled in the whole form and it will be easier to search the information you want to edit.



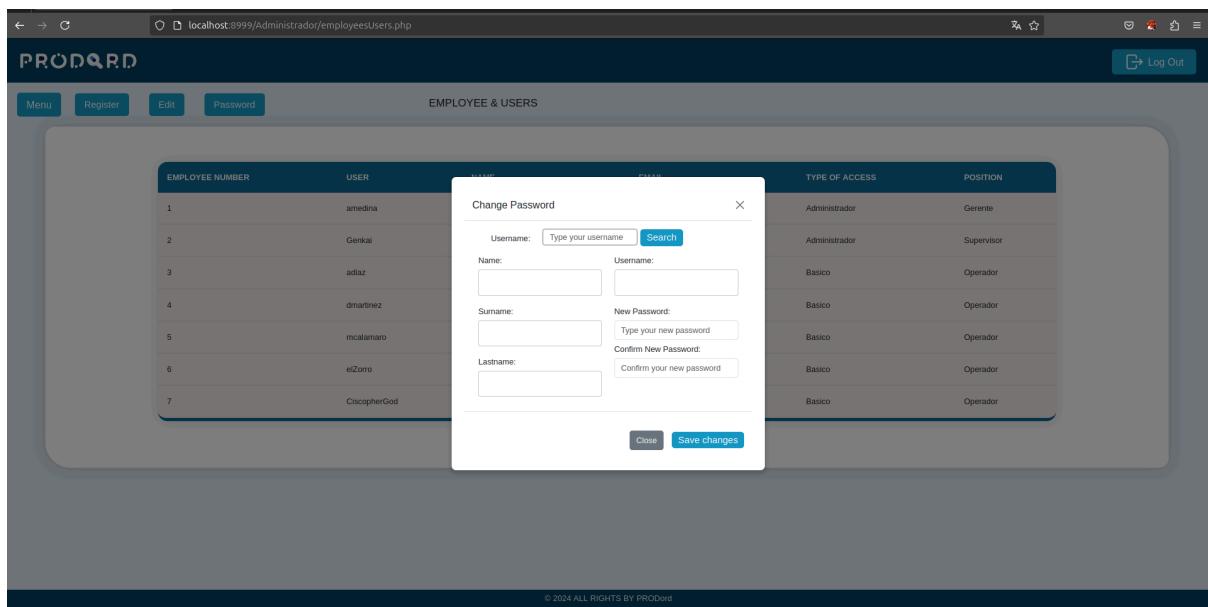
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Change password

Maybe you want to change the password of a user, once you click on password it will appear a modal with a form, similar to the form of edit, the difference is here you have to put a username.



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Customers

In this section appears the information of the customers, here you can register new customers, and also modify their information.

CUSTOMER NUMBER	TRADE NAME	CONTACT NAME	PHONE	EMAIL
1	Collins	Carlos Ernesto González Martínez	6644562589	carlosGM@gmail.com
2	PISA	Ana Karen Rodríguez López	6641474569	anitaLavalatina@gmail.com
3	Maver	Diego Pérez García	6647891456	diegoPCa@gmail.com
4	Bayer	Laura Fernández Ruiz	6649631547	lauraFer@gmail.com
5	B life	Javier Iván Sánchez Herrera	6639517536	javiSh123@gmail.com
6	Farmacias el Ahorro	Francisco González Medina	1231321555	teQueremosBien@gmail.com

Register new customer

if you click on register a modal will appear with a form to fill in with the new client's information.

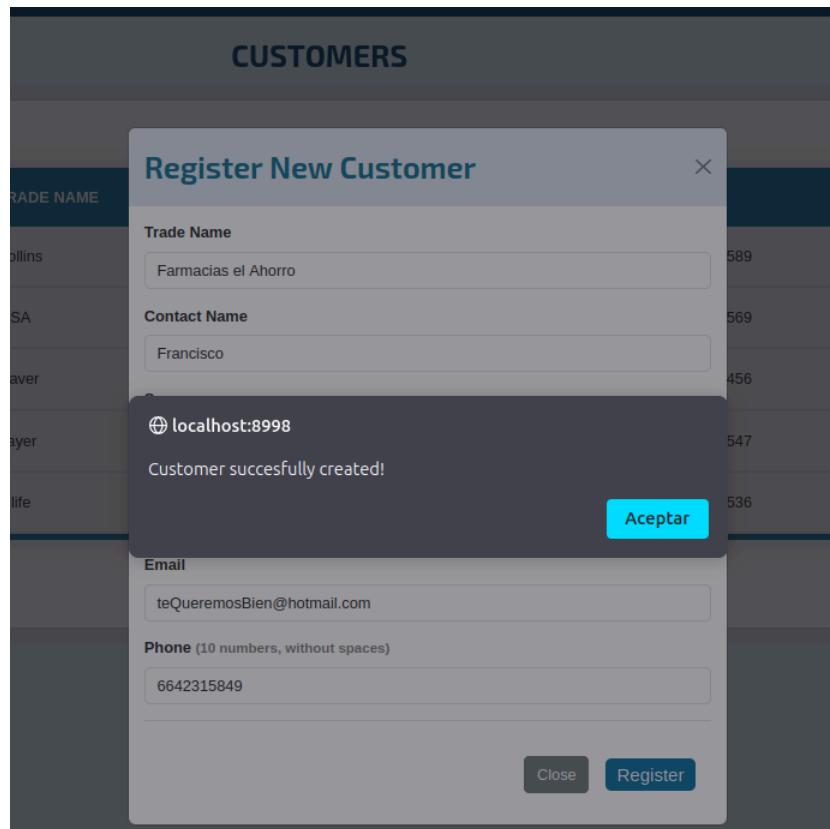
CUSTOMER NUMBER	TRADE NAME	PHONE	EMAIL
1	Collins	6644562589	carlosGM@gmail.com
2	PISA	6641474569	anitaLavalatina@gmail.com
3	Maver	6647891456	diegoPCa@gmail.com
4	Bayer	6649631547	lauraFer@gmail.com
5	B life	6639517536	javiSh123@gmail.com
6	Farmacias el Ahorro	1231321555	teQueremosBien@gmail.com

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Proof of customer registration



CUSTOMER NUMBER	TRADE NAME	CONTACT NAME	PHONE	EMAIL
1	Collins	Carlos Ernesto González Martínez	6644562589	carlosGM@gmail.com
2	PISA	Ana Karen Rodríguez López	6641474569	anitaLavaLaTina@gmail.com
3	Maver	Diego Pérez Cárcega	6647891456	diegoPCa@gmail.com
4	Bayer	Laura Fernández Ruiz	6649631547	lauraFer@gmail.com
5	B life	Javier Iván Sánchez Herrera	6639517536	javiSh123@gmail.com
6	Farmacias el Ahorro	Francisco Salazar Contreras	6642315849	teQueremosBien@hotmail.com

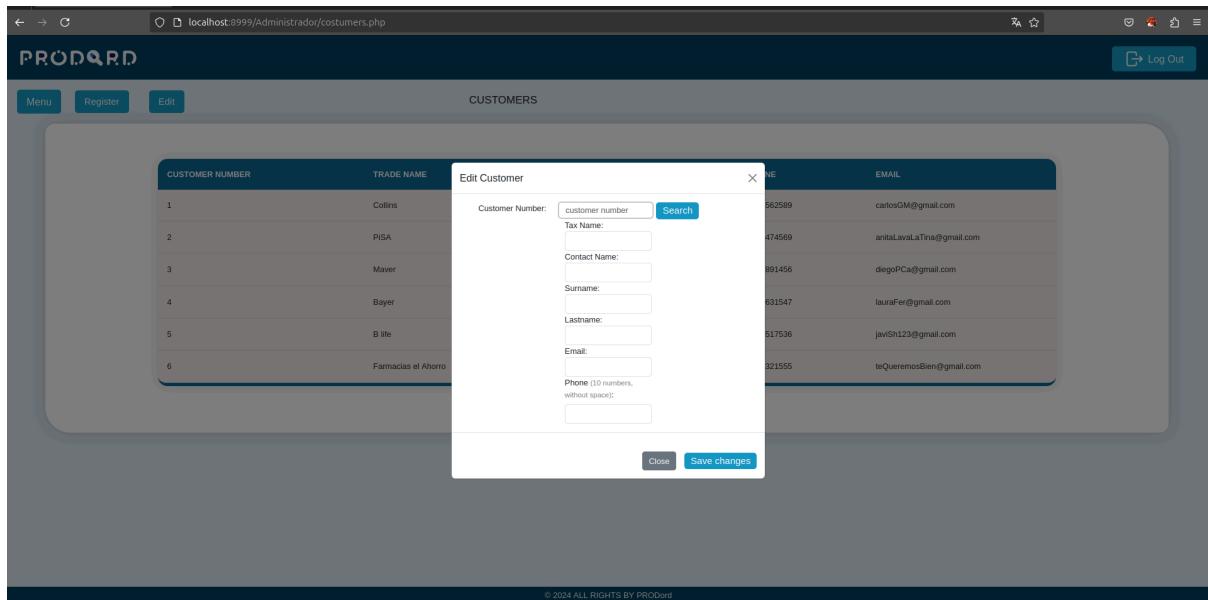
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Edit customer

In this modal we can edit the customer's information, searching for it with its customer number to change the necessary data.



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Products & Formulation

On this page we can view all the information of the products already registered. In the view button we can consult its formulation.

The screenshot shows a web-based application titled "PRODORD" with a dark blue header. The top navigation bar includes links for "Menu", "Register", "Edit", and "Material". The main title "PRODUCTS & FORMULATION" is centered above a table. The table has columns: NUMBER, PRODUCT NAME, GENERIC NAME, PRODUCT TYPE, PRESENTATION, and FORMULATION. Six rows of product data are listed:

NUMBER	PRODUCT NAME	GENERIC NAME	PRODUCT TYPE	PRESENTATION	FORMULATION
1	Dolprofen 400 mg	Ibuprofeno	Farmaceutico	10 tabletas	View
2	Amoxiclav 500 mg	Amoxicilina, Ácido Clavulánico	Farmaceutico	15 tabletas	View
3	Naxitelaar 500 mg	Cefalexina	Farmaceutico	20 capsulas	View
4	Indacil 300 mg	Clindamicina	Farmaceutico	16 capsulas	View
5	Clarlyne 10 mg	Loratadina	Farmaceutico	10 tabletas	View
6	Citrate Mag	Citrato de Magnesio	Suplemento Alimenticio	240 capsulas	View

At the bottom of the page, a copyright notice reads "© 2024 ALL RIGHTS BY PRODord".

Register Product

In this modal we can register a new product, adding its formulation and packaging material, both to add pharmaceuticals and dietary supplements.

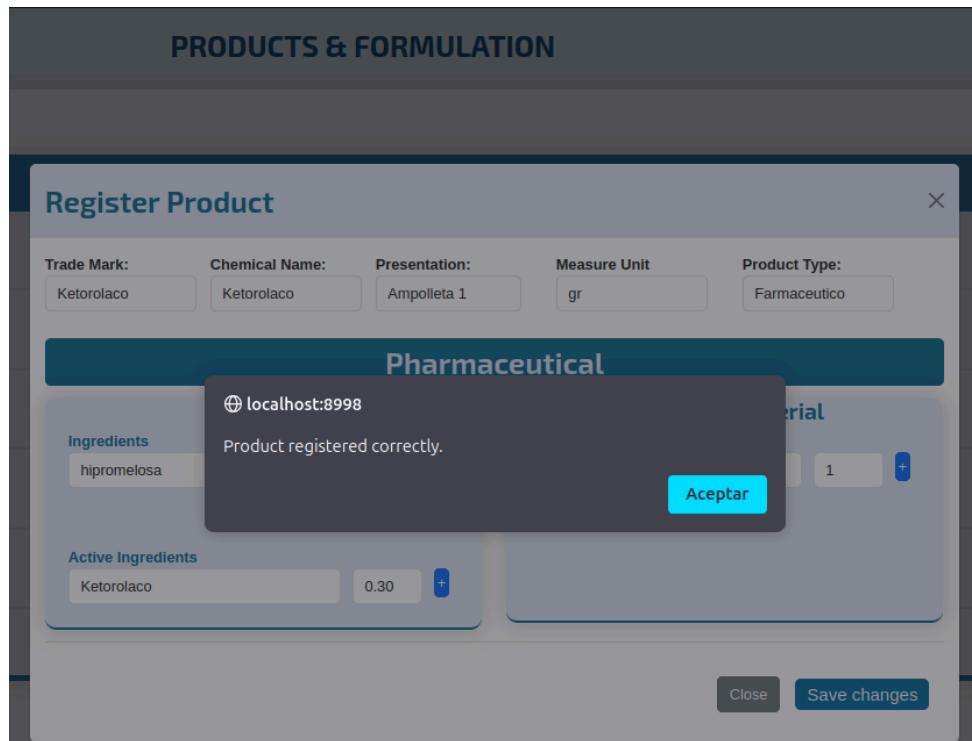
The screenshot shows a modal window titled "Register Product" overlaid on the main "PRODUCTS & FORMULATION" table. The modal contains fields for "Trade Mark", "Chemical Name", "Presentation", "Measure Unit", and "Product Type". Below these fields, there are sections for "Pharmaceutical Formula" and "Packing Material". Under "Formula", there are dropdown menus for "Ingredients" and "Active Ingredients", each with a "Choose an option" placeholder. Under "Packing Material", there are dropdown menus for "Material" and "Active Ingredients", also with "Choose an option" placeholders. At the bottom right of the modal are "Close" and "Save changes" buttons. The background table lists six existing products: Dolprofen 400 mg, Amoxiclav 500 mg, Naxitelaar 500 mg, Indacil 300 mg, Clarlyne 10 mg, and Citrate Mag.

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Proof of product registration



NUMBER	PRODUCT NAME	GENERIC NAME	PRODUCT TYPE	PRESENTATION	FORMULATION
3	Naxifelar 500 mg	Cefalexina	Farmaceutico	20 capsulas	<button>View</button>
4	Indacil 300 mg	Clindamicina	Farmaceutico	16 capsulas	<button>View</button>
5	Clarityne 10 mg	Loratadina	Farmaceutico	10 tabletas	<button>View</button>
6	Citrate Mag	Cittrato de Magnesio	Suplemento Alimenticio	240 capsulas	<button>View</button>
7	Creatine 600 gr	Monohydrate	Suplemento Alimenticio	600 polvo	<button>View</button>
8	Ketorolaco	Ketorolaco	Farmaceutico	1 Ampolleta	<button>View</button>

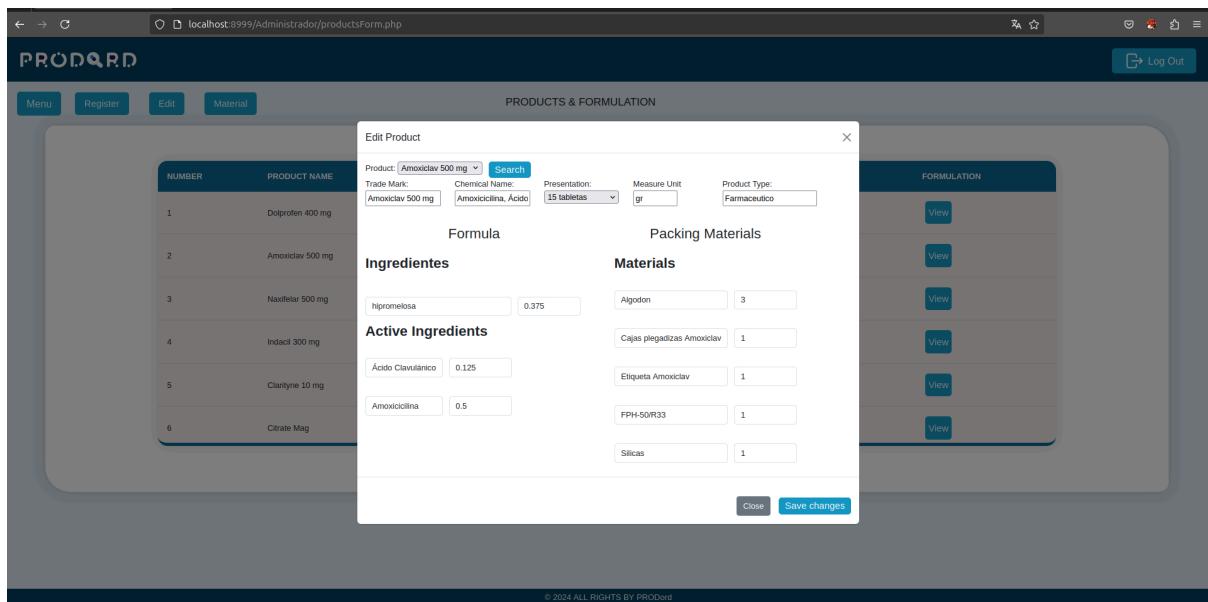
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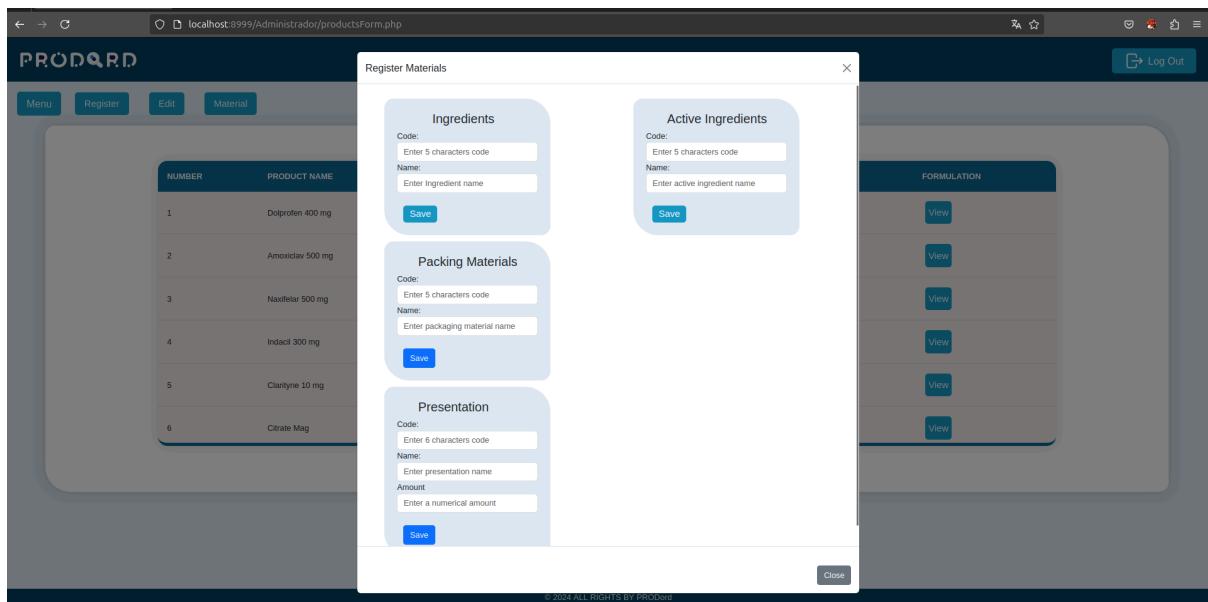
Edit Product

In this modal we can edit the information of previously registered products, we can change the ingredients, its active ingredient, its formulation and its packaging material.



Register Materials

In this modal we can register different materials that are not previously registered.



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Order

On this page we can see all registered orders, with customer information, product, quantity and order date.

The screenshot shows a web-based application titled "PRODORD". The main menu includes "Menu" and "Register". The current view is titled "ORDER". A table displays eight registered orders with columns: ORDER NUMBER, CUSTOMER INFORMATION, PRODUCT, UNITS QUANTITY, and ORDER DATE. The data is as follows:

ORDER NUMBER	CUSTOMER INFORMATION	PRODUCT	UNITS QUANTITY	ORDER DATE
1	Collins carlosGM@gmail.com 6644562589	Doliprofen 400 mg	100	2023-01-01
2	PISA anitaLavalLaTina@gmail.com 6641474569	Anoxiclav 500 mg	150	2023-02-01
3	PISA anitaLavalLaTina@gmail.com 6641474569	Naxofilar 500 mg	200	2023-03-01
4	Maver diegoPCa@gmail.com 6647891456	Indacil 300 mg	100	2023-04-01
5	Bayer lauraFer@gmail.com 6649631547	Clarityne 10 mg	150	2023-05-01
6	B life javiSh123@gmail.com 6639517536	Citrato Mag	100	2023-06-01
7	B life javiSh123@gmail.com 6639517536	Creatine 600 gr	50	2023-07-01
8	Farmacias el Ahorro teQueremosBien@gmail.com	Ketorolaco	100	2024-12-01

Register order

In this modal we can enter the data required by the client to register an order.

The screenshot shows the same "PRODORD" interface with the "ORDER" table. A modal window titled "Register Order" is open over the table. The modal contains fields for "Customer:" (with a dropdown placeholder "Choose a Customer" and an example input "Example: 1000"), "Product:" (with a dropdown placeholder "Choose a Product" and a date input "dd / mm / aaa"), and "Units Quantity" (with a placeholder "150"). At the bottom of the modal are "Close" and "Register" buttons. The background table remains visible with its original data.

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Proof of order registration

ORDER NUMBER	CUSTOMER INFORMATION	PRODUCT	UNITS QUANTITY	ORDER DATE
1	Collins carlosGM@gmail.com 6644562589	Dolprofen 400 mg	100	2023-01-01
2	PISA anitaLavaLaTina@gmail.com 6641474569		150	2023-02-01
3	PISA anitaLavaLaTina@gmail.com 6641474569		200	2023-03-01
4	Maver diegoPCA@gmail.com 6647891456		100	2023-04-01
5	Bayer lauraFer@gmail.com 6649631547	Ketorolaco	150	2023-05-01
6	B life javiSh123@gmail.com 6639517536		100	2023-06-01
7	B life javiSh123@gmail.com 6639517536	Creatine 600 gr	50	2023-07-01

ORDER NUMBER	CUSTOMER INFORMATION	PRODUCT	UNITS QUANTITY	ORDER DATE
1	Collins carlosGM@gmail.com 6644562589	Dolprofen 400 mg	100	2023-01-01
2	PISA anitaLavaLaTina@gmail.com 6641474569		150	2023-02-01
3	PISA anitaLavaLaTina@gmail.com 6641474569		200	2023-03-01
4	Maver diegoPCA@gmail.com 6647891456		100	2023-04-01
5	Bayer lauraFer@gmail.com 6649631547		150	2023-05-01
6	B life javiSh123@gmail.com 6639517536		100	2023-06-01
7	B life javiSh123@gmail.com 6639517536	Creatine 600 gr	50	2023-07-01

ORDER NUMBER	CUSTOMER INFORMATION	PRODUCT	UNITS QUANTITY	ORDER DATE
2	PISA anitaLavaLaTina@gmail.com 6641474569	Amoxiclav 500 mg	150	2023-02-01
3	PISA anitaLavaLaTina@gmail.com 6641474569	Naxifelar 500 mg	200	2023-03-01
4	Maver diegoPCA@gmail.com 6647891456	Indacil 300 mg	100	2023-04-01
5	Bayer lauraFer@gmail.com 6649631547	Clarityne 10 mg	150	2023-05-01
6	B life javiSh123@gmail.com 6639517536	Citrate Mag	100	2023-06-01
7	B life javiSh123@gmail.com 6639517536	Creatine 600 gr	50	2023-07-01
8	Farmacias el Ahorro teQueremosBien@hotmail.com 6642315849	Ketorolaco	100	2024-12-01

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Production Orders

In this tab we can see all the orders registered based on the orders placed. It is possible for us to change the status of the order, also, we can consult the information of the production order with the view button.

The screenshot shows a web-based application titled "PRODORD". The main header includes a "Menu" button, a "Log Out" button, and the title "PRODORD". Below the header, the page title is "PRODUCTION ORDERS". The main content area displays a table of production orders with the following columns: ORDER NUMBER, COMMERCIAL NAME, GENERIC NAME, GENERATION DATE, START DATE, END DATE, TYPE OF PRODUCT, QUANTITY UNITS, STATUS, and Action. There are seven rows of data:

ORDER NUMBER	COMMERCIAL NAME	GENERIC NAME	GENERATION DATE	START DATE	END DATE	TYPE OF PRODUCT	QUANTITY UNITS	STATUS	Action
1	Dolprofen 400 mg	Ibuprofeno	2023-01-01	2023-01-02	2023-01-09	Farmaceutico	100	Finalizada	<button>View</button> <button>Status</button>
2	Amoxiclav 500 mg	Amoxicilina, Ácido Clavulánico	2023-02-01	2023-02-02	2023-02-09	Farmaceutico	150	Finalizada	<button>View</button> <button>Status</button>
3	Naxifelar 500 mg	Cefalexina	2023-03-01	2023-03-02	2023-03-09	Farmaceutico	200	Finalizada	<button>View</button> <button>Status</button>
4	Indacil 300 mg	Clindamicina	2023-04-01	2023-04-02	2023-04-09	Farmaceutico	100	Finalizada	<button>View</button> <button>Status</button>
5	Clarityne 10 mg	Loratadina	2023-05-01	2023-05-02	No establecida	Farmaceutico	150	En proceso	<button>View</button> <button>Status</button>
6	Citrato Mag	Citrato de Magnesio	2023-06-01	No establecida	No establecida	Suplemento Alimenticio	100	Sin iniciar	<button>View</button> <button>Status</button>
7	Creatine 600 gr	Monohydrate	2023-07-01	No establecida	No establecida	Suplemento Alimenticio	50	Sin iniciar	<button>View</button> <button>Status</button>

The screenshot shows a detailed view of a production order for "Dolprofen 400 mg". The top navigation bar includes a "Zoom automático" button. The main title is "Production Order". The page is divided into several sections:

- Production Order:** Lot size: 100, Total number of capsules/tablets: 1000.00 tabletas, Total blend: 1000. Trade Mark: Dolprofen 400 mg, Chemical Name: Ibuprofeno, Presentation: 10 tabletas, Active Ingredient: Ibuprofeno, Lot: 112023, Expiration Date: 1st,January,2024.
- Formulation:** Ingredients: celulosa micro cristalina (0.6 gr), Ibuprofeno (0.4 gr). Amount: 600, 400.
- Blend:** Ingredients: celulosa micro cristalina, Ibuprofeno. Amount: 1000.00 gr.
- Weighing Process:** Ingredients: celulosa micro cristalina, Ibuprofeno. Weighing: 1000.00 gr.
- Packing Material:** Material: Blister redondo 10, Cajas plegadizas Dolprofen. For Unit: 1, Total per Order: 100.

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Proof of production order previously registered

PRODUCTION ORDERS

ORDER NUMBER	COMMERCIAL NAME	GENERIC NAME	GENERATION DATE	START DATE	END DATE	TYPE OF PRODUCT	QUANTITY UNITS	STATUS	Action
2	Amoxiclav 500 mg	Amoxicilina, Ácido Clavulánico	2023-02-01	2023-02-02	2023-02-09	Farmaceutico	150	Finalizada	<button>View</button> <button>Status</button>
3	Naxifelar 500 mg	Cefalexina	2023-03-01	2023-03-02	2023-03-09	Farmaceutico	200	Finalizada	<button>View</button> <button>Status</button>
4	Indacil 300 mg	Clindamicina	2023-04-01	2023-04-02	2023-04-09	Farmaceutico	100	Finalizada	<button>View</button> <button>Status</button>
5	Clarityne 10 mg	Loratadina	2023-05-01	2023-05-02	No establecida	Farmaceutico	150	En proceso	<button>View</button> <button>Status</button>
6	Citrate Mag	Citrato de Magnesio	2023-06-01	No establecida	No establecida	Suplemento Alimenticio	100	Sin iniciar	<button>View</button> <button>Status</button>
7	Creatine 600 gr	Monohydrate	2023-07-01	No establecida	No establecida	Suplemento Alimenticio	50	Sin iniciar	<button>View</button> <button>Status</button>
8	Ketorolaco	Ketorolaco	2024-12-03	No establecida	No establecida	Farmaceutico	100	Sin iniciar	<button>View</button> <button>Status</button>

PRODORD

Production Order

PRODUCTION ORDER			
Lot size: 100	Total number of capsules/tabs: 0.00 Ampolla	Trade Mark: Ketorolaco	Lot: 8122024
Total blend: 100.00000190734863	Chemical Name: Ketorolaco	Expiration Date: 3rd,December,2026	
Formulation		Blend	
Ingredients:	Amount:	Ingredients:	Amount:
hipromelosa	0.699 gr	hipromelosa	70
Ketorolaco	0.3 gr	Ketorolaco	30
Final Weight:	1.00 gr	Final Weight:	100.00 gr
Weighing Process			
Packing Material			
Material:	For Unit:	Total per Order:	Delivered/Received
Caja Keterolaco 1 ampolla	1	100	

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Basic User

Production Orders

On this page the basic user will only be able to view the information of the requested orders, change their status and print a PDF with the detailed information of the orders.

The screenshot shows the PRODORD software interface. On the left, there is a sidebar with user information: Name: Diana Martinez Perez, Position: Operador, Access type: Basico, and User: dmartinez. Below this is a user icon. The main area has a header 'ORDERS' and a sub-header 'PRODUCTION ORDERS'. A table lists seven production orders with columns: ORDER NUMBER, COMMERCIAL NAME, GENERIC NAME, GENERATION DATE, START DATE, END DATE, TYPE OF PRODUCT, QUANTITY UNITS, STATUS, and Action (with 'View' and 'Status' buttons). The orders are numbered 1 to 7, with details like Dolprofen 400 mg, Ibuprofeno, etc. At the bottom right of the main area, it says '© 2024 ALL RIGHTS BY PRODord'.

The screenshot shows the PRODORD software interface. On the left, there is a sidebar with user information: Name: Diana Martinez Perez, Position: Operador, Access type: Basico, and User: dmartinez. Below this is a user icon. The main area has a header 'ORDERS' and a sub-header 'PRODUCTION ORDER'. A table lists the same seven production orders as the previous screen. To the right, a detailed 'Production Order' window is open. It shows a summary table with fields: Lot size: 100, Trade Mark: Dolprofen 400 mg, Total number of capsules/tablets: 1000.00, Chemical Name: Ibuprofeno, Presentation: 10 tablets, Active Ingredient: Ibuprofeno, and Expiration Date: 1st.January.2024. Below this are three tables: 'Formulation', 'Blend', and 'Weighing Process'. The 'Formulation' table lists ingredients like celulosa micro cristalina and ibuprofeno with their amounts. The 'Blend' table lists components like celulosa micro cristalina and ibuprofeno. The 'Weighing Process' table lists materials like Blister redondo 10 and Cajas plegadas Dolprofen with their total weights. At the bottom right of the main area, it says '© 2024 ALL RIGHTS BY PRODord'.

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Orders

On this page the basic user will only be able to consult the orders requested by customers and the basic information of the order.

The screenshot shows a web-based application titled "PRODORD". At the top left, there's a user profile icon and some account details: "Name: Diana Martínez Perez", "Position: Operador", "Access type: Basico", and "User: dmartinez". A "LOG OUT" button is at the top right. Below the header, a "HOME" button is visible. The main content area is titled "ORDER" and contains a table with 7 rows of data. The table has columns for ORDER NUMBER, CUSTOMER INFORMATION, PRODUCT, UNITS QUANTITY, and ORDER DATE. The data is as follows:

ORDER NUMBER	CUSTOMER INFORMATION	PRODUCT	UNITS QUANTITY	ORDER DATE
1	Collins carlosGM@gmail.com 6644562589	Doliprolen 400 mg	100	2023-01-01
2	PISA antalLaval.aTina@gmail.com 6641474569	Anoxicidav 500 mg	150	2023-02-01
3	PISA antalLaval.aTina@gmail.com 6641474569	Naxifelar 500 mg	200	2023-03-01
4	Maver diegoPCal@gmail.com 6647891456	Indact 300 mg	100	2023-04-01
5	Bayer lauraFer@gmail.com 6649631547	Clarityne 10 mg	150	2023-05-01
6	B life javiSh123@gmail.com 6639517536	Citrate Mag	100	2023-06-01
7	B life javiSh123@gmail.com 6639517536	Creatine 600 gr	50	2023-07-01

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