

REPORT OF INTERVIEW #1

Project: Inventory and Sales System – MADECOR

Interview Date: 07-11-2024

Development Team: "Three Musketeers"

Client Interviewed: Cesar Iván Pabón Portilla – General Manager of MADECOR

1. Introduction

This report outlines the functional and non-functional requirements identified during the interview with the client, Mr. Cesar Iván Pabón Portilla, for the development of an inventory and sales system for MADECOR. The meeting focused on discussing the client's needs and expectations, as well as the key processes that need to be automated.

2. System Objectives

The system aims to optimize inventory and sales management at MADECOR by:

- Enabling real-time stock control and updates.
- Centralizing product and order management.
- Enhancing the shopping experience for customers.
- Securing user access and administration.

3. Functional Requirements

Based on the client interview, the following key functional requirements were identified:

1. **Product Catalog Visualization**
 - Customers must be able to view available products with names, prices, and images, organized by categories.
2. **Add Products to Cart**
 - Customers must be able to select products and add a specific quantity to the shopping cart.
3. **Customer Registration**
 - The system must provide a registration form for customers, requiring name, email, and password.
4. **Product Management (CRUD)**
 - Administrators must be able to add, modify, delete, and view products in the inventory.
5. **Inventory Update**
 - The stock must be automatically updated after each sale or new product entry.
6. **Product Search**
 - The system must include a search feature with filters by name, category, or keywords.

4. Non-Functional Requirements

The system must meet the following non-functional requirements:

1. **Access Security**
 - Secure authentication with password encryption and failed login attempt controls.
2. **System Performance**
 - Must support up to 500 concurrent users with response times under 3 seconds.
3. **System Availability**
 - The system must be available 24/7, with a maximum of 2 hours of monthly downtime for maintenance.
4. **Usability**
 - The interface must be intuitive and accessible, following WCAG 2.1 accessibility standards.

6. Conclusion

The interview with the client provided a clear understanding of the system's objectives and requirements. Based on this information, the development team will proceed with project planning to ensure that the solution meets MADECOR's expectations.

Future meetings will be scheduled to validate progress and make necessary adjustments during development.

Evidence: <https://youtu.be/yCDSbAA3lk4>



Development Team "Three Musketeers"