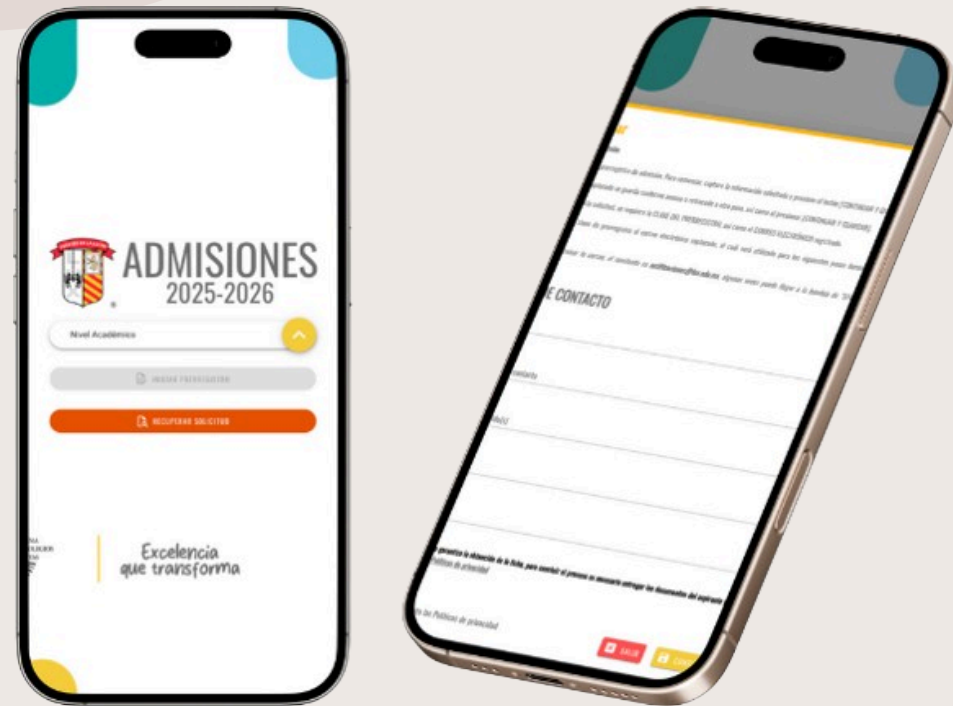




PORTFOLIO

RODRIGO LOPEZ

SCHOOL



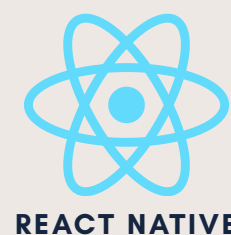
ERP INSTITUTO LUX

Implementation of a customized ERP (Enterprise Resource Planning) system for the Lux Institute, a comprehensive technological solution that optimizes and centralizes the institution's administrative, academic, and financial processes. This project was developed with the goal of improving operational efficiency, transparency, and the experience for both internal and external users.

Key Modules and Features:

- Admissions
- School Monitoring
- Academic Monitoring
- Financial Management (Accounts and Administration)
- Scholarships and Financial Aid
- Reports and Analytics
- Parent Portal
- Student Portal
- Online Payment

TECH STACK:

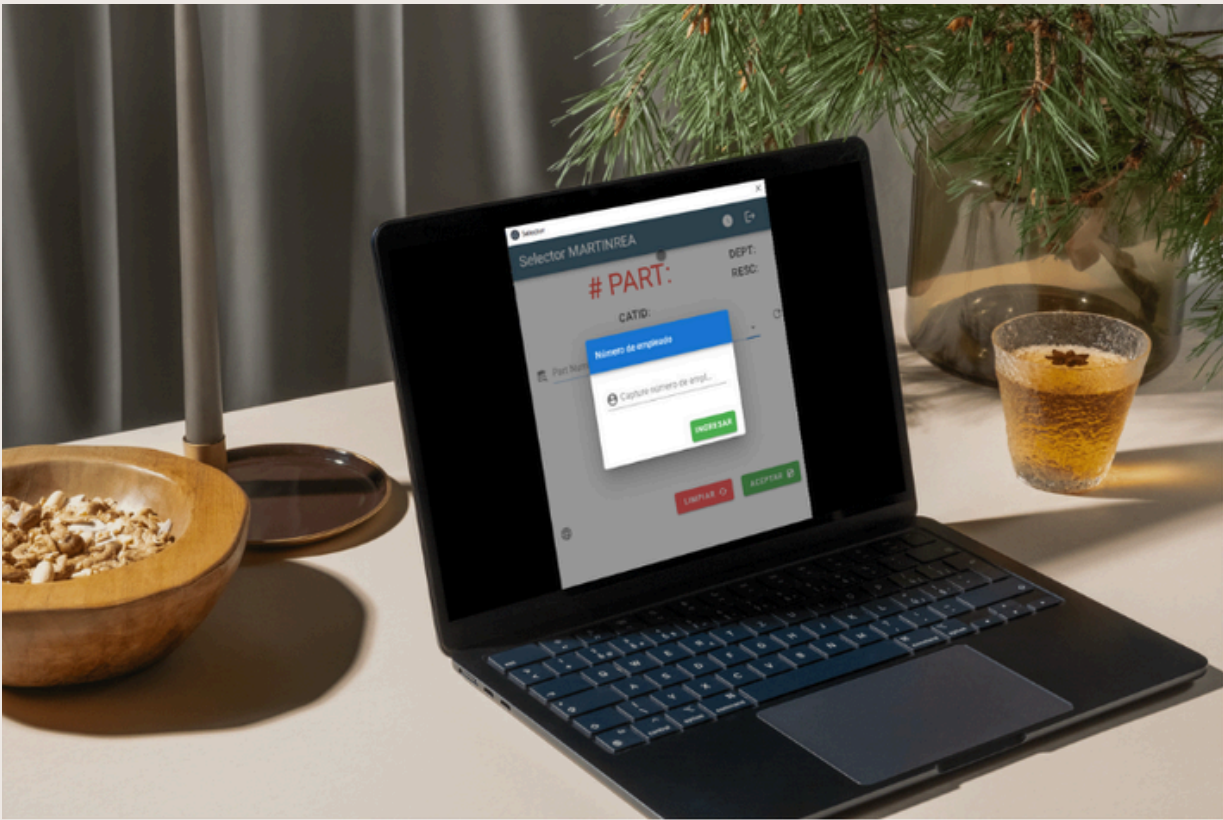


AUTOMOTIVE

TIME CONTROL SYSTEM

Implementation of a desktop application specialized in controlling and analyzing operating times. This system was developed with the goal of optimizing production processes by identifying bottlenecks and continuously improving operational efficiency.

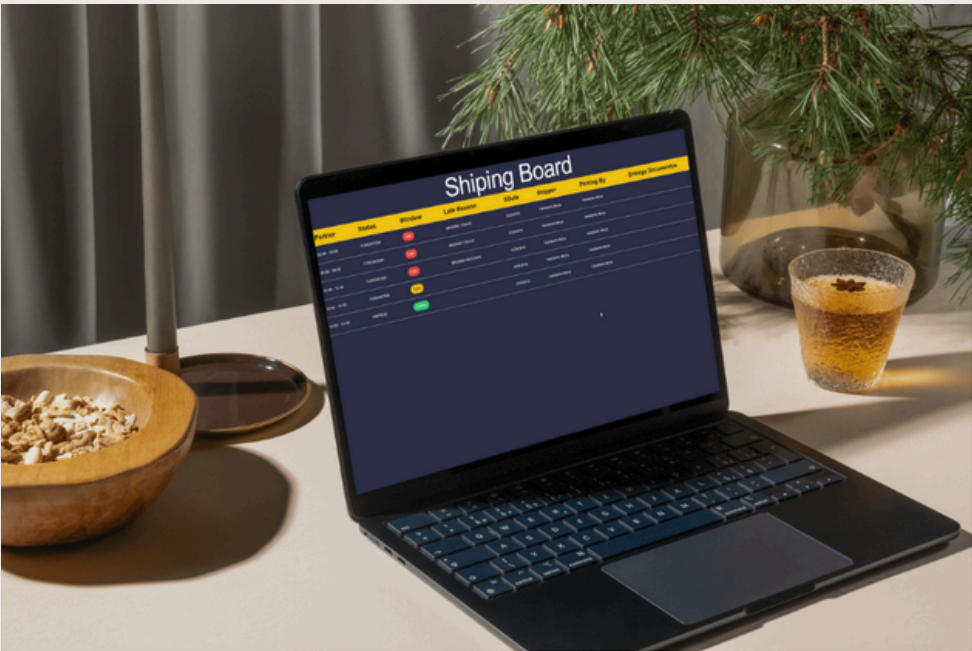
- Key Points:**
- Operating Time Recording
 - Real-Time Data Analysis
 - Customized Reports
 - Intuitive Interface
 - Integration with Management Tools



EVENT VIEWER SYSTEM

Designed to optimize the management and control of activities in real time. This solution was created to centralize information, improve coordination between teams, and ensure efficient monitoring of all critical operations.

- Key Points:**
- Centralized Event Viewing
 - Real-Time Activity Management
 - Alerts and Notifications
 - Integration with Existing Tools
 - Reporting and Analytics
 - Cross-Platform Access



TECH STACK:



Laravel



GESTIÓN



Water Management System

Development of a comprehensive system for efficient water resource management, designed to optimize the use, distribution, and control of water in industrial and municipal environments. This system includes modules for:

- Real-time monitoring of water levels and quality.
- Automated flow and distribution control.
- Billing and collection of water services.
- Report generation for strategic decision-making.

The system has demonstrated a significant impact on reducing water waste and improving operational efficiency, contributing to the sustainability and responsible use of this vital resource.

TECH STACK:



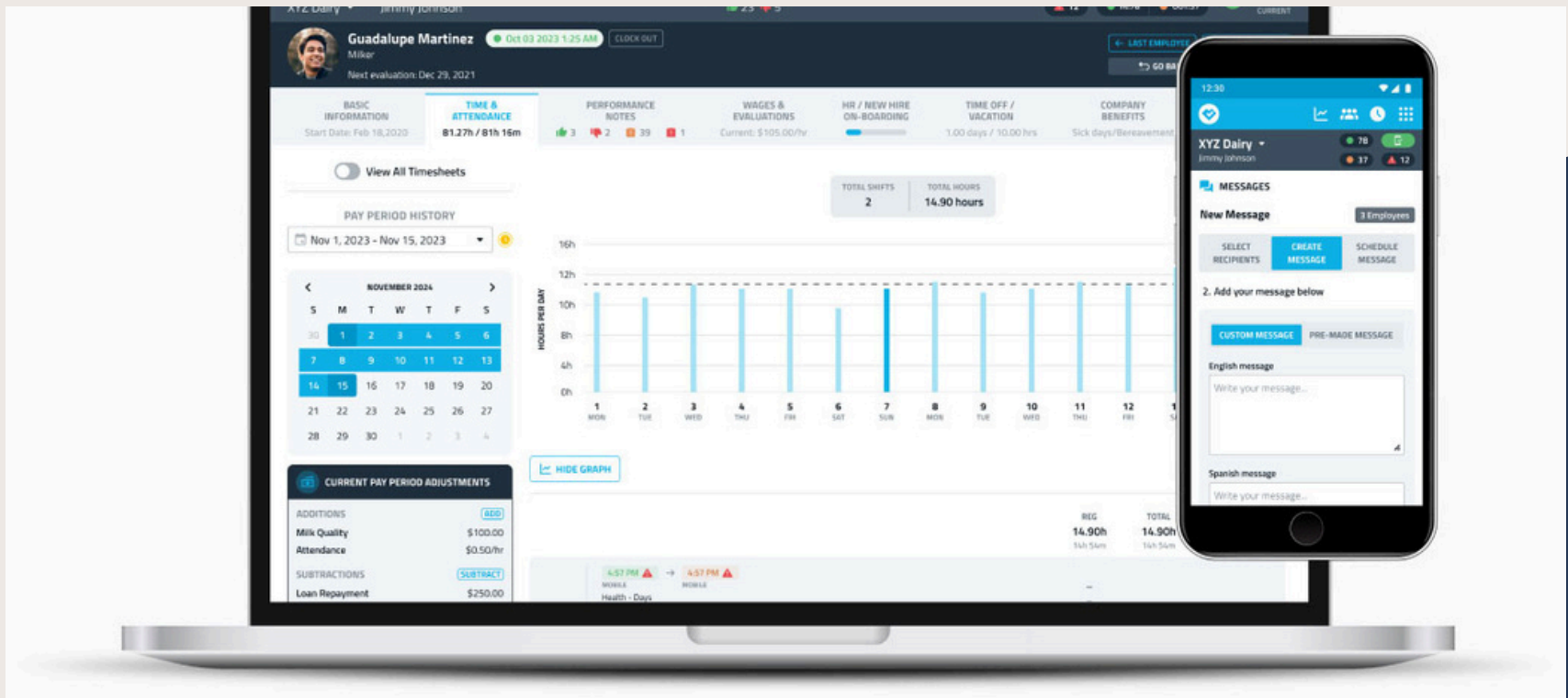
MANAGEMENT

Attendance Control and Personnel Management System

Development of the PeopleCor Time and Attendance Control and Personnel Management System, an advanced technological solution designed to optimize employee time and attendance management. This system focuses on improving operational efficiency, ensuring compliance with labor policies, and providing robust tools for human capital management.

Key Points:

- Real-Time Attendance Recording
- Payroll and HR Integration
- Time and Shift Tracking
- Reporting and Analytics
- Regulatory Compliance



TECH STACK:



MANAGEMENT

Development of a Comprehensive Web Platform for the Business Resource Center

A modern and dynamic web platform to serve businesses across multiple ZIP codes. The goal was to replace their aging chamber of commerce infrastructure with a solution that included advanced features such as interactive maps, multilingual support, enterprise resource management, and tools to foster community engagement.

Our Approach:

We developed an Angular-based web application with a custom mapping system. We performed a complete technical overhaul and integrated advanced features such as:

- **Business location management.**
- **Dynamic filters for customized searches.**



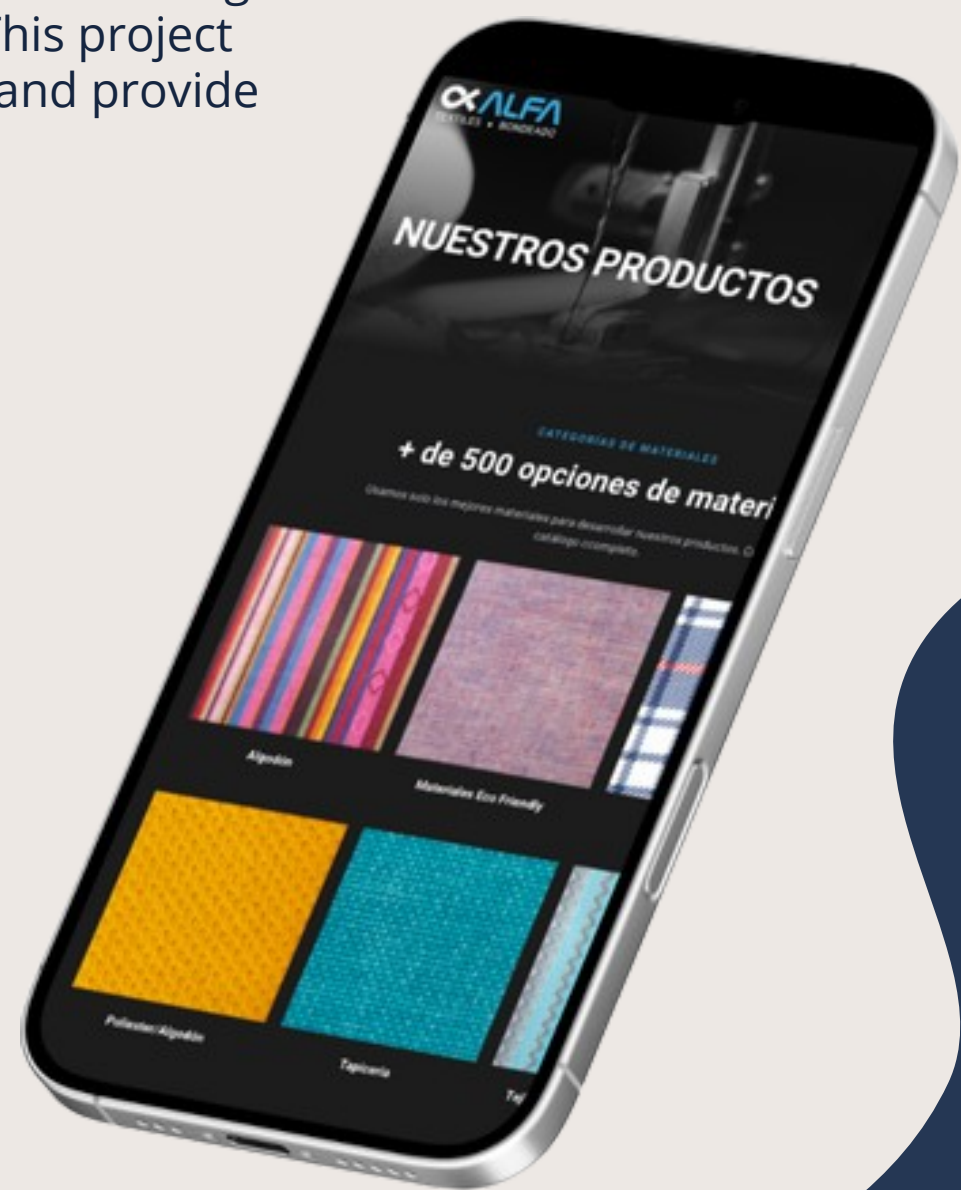
TECH STACK:  ANGULAR  Laravel  MySQL




MANAGEMENT

Website Redesign and Real-Time Dashboard Implementation for Alfatextiles

At Alfatextiles, we led a comprehensive project that included the complete redesign of its website and the implementation of a real-time dashboard system. This project aimed to modernize its digital presence, improve the user experience, and provide advanced tools for dynamic content management.

- Key Points:**
- Website Redesign
 - Real-Time Dashboard Implementation
 - Advanced Features



TECH STACK:   **Laravel**  **MySQL**

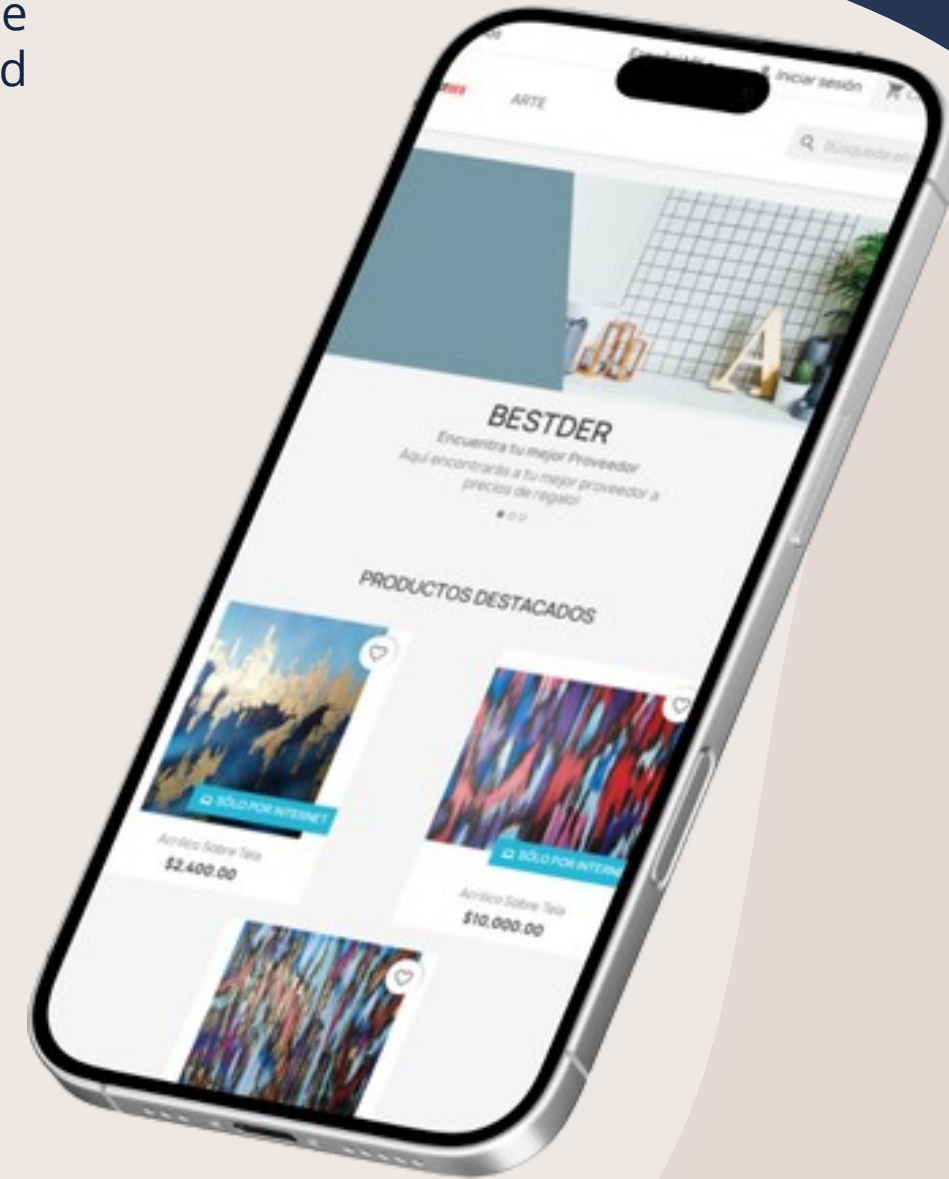
ECOMMERCE

E-commerce Platform Development for Bestder.com

Design and implementation of a robust and scalable e-commerce platform designed to offer an exceptional shopping experience to its customers. This project included the creation of a modern, intuitive, and highly functional website, along with advanced tools for product management, order management, and digital marketing.

Our Focus:

- Website Design and Development
- Marketing and Analytics Tools
- Integration with Mercado Pago
- Security and Scalability:



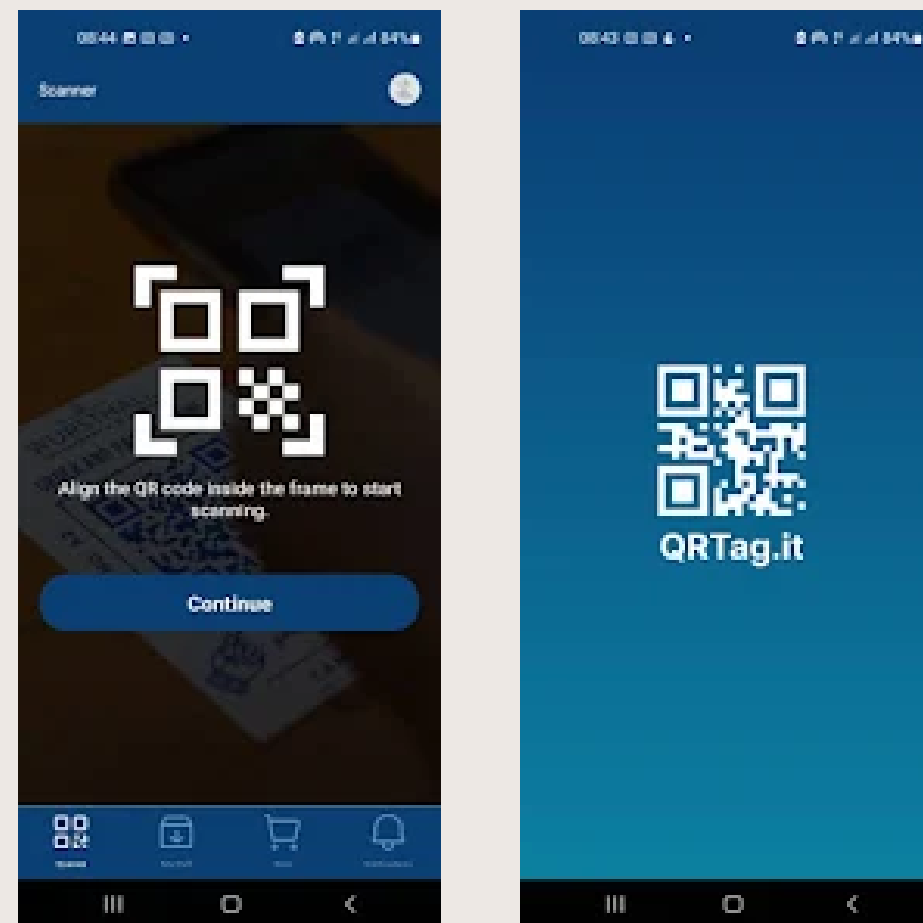
TECH STACK:



MOBILE APP

Development of the QRTag.it Mobile App for Android and iOS

Design and development of an innovative mobile app available for Android and iOS, allowing users to tag and record their belongings to prevent loss. This app combines unique QR code technology with a real-time notification system, creating an effective solution for recovering lost items.



TECH STACK:

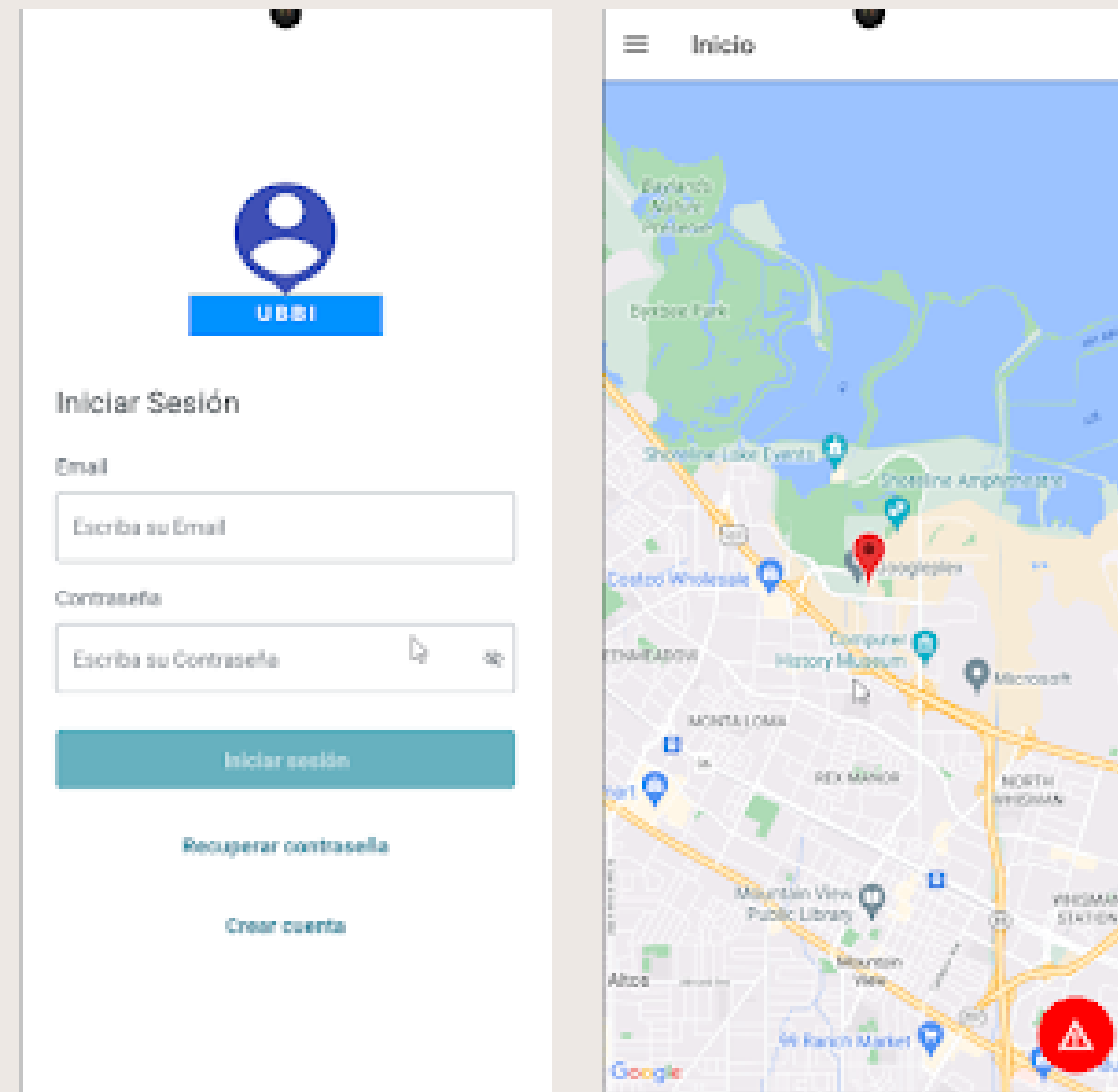


QRTag.it

MOBILE APP

Development of the Ubbi Mobile App for Android and iOS

Design and development of an innovative mobile app available for Android and iOS, designed to provide an additional layer of personal security. This app is designed to protect users in everyday situations, such as walking alone at night, traveling to unfamiliar locations, or simply keeping loved ones informed of their location.



TECH STACK:

