



VICINO

Providing the best sensations since 2020

Information Systems 2020/2021 - **Theme P2 Group AH:**

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AGENDA

01. | **Project Overview**
Context of the project and
brief description

02. | **Features**
What do we offer with our
product

03. | **System Architecture**
Detailing of the tech stacks
used and their integration

04. | **Live Demo**
Live presentation of Vicino
Web Application



01. PROJECT OVERVIEW






Description

Vicino is a wine company with strong connections to the Douro region and local wine producers. Unlike other wine sellers, Vicino is not a winery, i.e. it does not produce wine. Its focus is merely **stocking** and **distributing** the best wines of Portugal. With such responsibility, **warehouse management** is a major factor for the company's success.

Our project tackles this problem by integrating with their existing ERP (**Jasmin**) and extending it with warehouse management capabilities. For that, we developed a **webapp** focused on presenting the company's **orders** and **stock** as frictionless and intuitively as possible and good algorithms to help warehouse employees **replenish** and **pick** inventory as fast as possible.





02. FEATURES



Detailed Info

Easy to read, detailed information of orders and inventory.

Generate Delivery Notes

Automatically generate the delivery notes to accompany the shipment of picked inventory.

Partial stocking

Register partial stock receipt and deliveries while still generating the appropriate documents.

Replenish Stock

Transfer stock from the entrance section of the warehouse to its respective place

Inventory filtering

Filter inventory by ID and/or warehouse zone in order to easily find stock.

Generate Goods Receipts


Automatically generate goods receipts on the ERP when replenishing inventory.

Partial picking

If a bottle breaks while picking or replenishing inventory, it can be partially registered.

Best Picking Routes

Generate the most efficient picking routes for expediting orders using an intuitive interface.



03. SYSTEM ARCHITECTURE

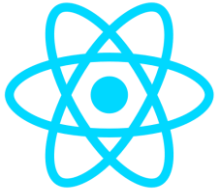


Tech Stack

FRONT-END

React.js

Material UI



BACK-END

Node.js

Express.js

SQLite



express



LIVE DEMO



THANKS

Do you have any questions?

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