Project Specification - Grão

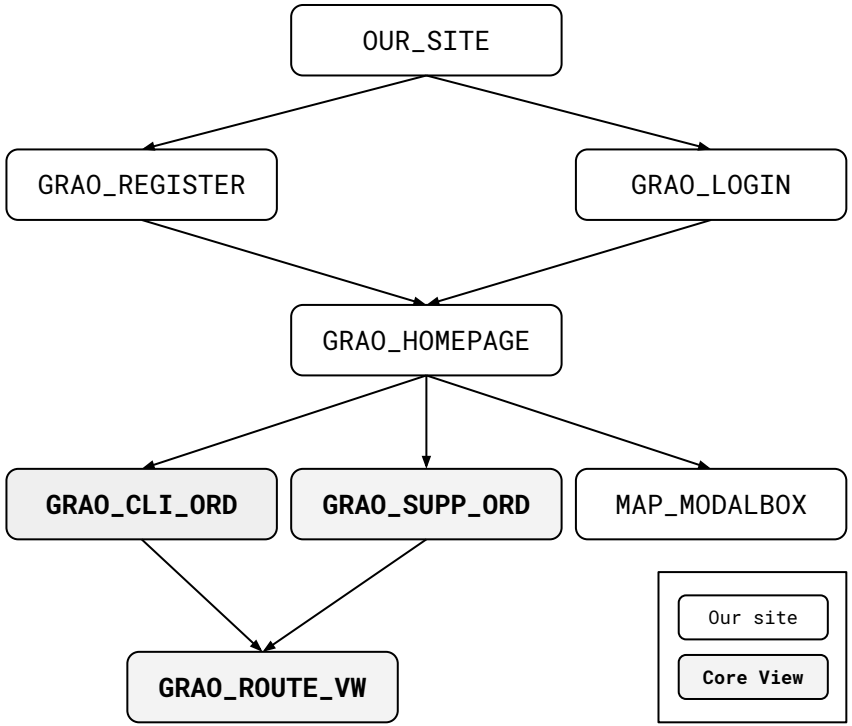
Group ID | E
Project ID | GRAO

Description | This team's project consists of a web application that provides our fictional **coffee distributor company *Grão*** the ability to make a picking process of a sales order, generate a delivery note and manage their inventory.

Team

Afonso Ramos		up201506239
João Seixas		up201505648
Julieta Frade		up201506530
Luís Correia		up201503342
Miguel Mano		up201503538

Project Overview



Functionalities/Features

- Authenticate the user
- Show supplier orders
- Register exceptions on inventory
- Show client orders
- Sort orders by date
- Create a picking wave
- Suggest routes

Information Architecture

ID Core View

GRAO_CLI_ORD

Inward Paths/ Trigger Words

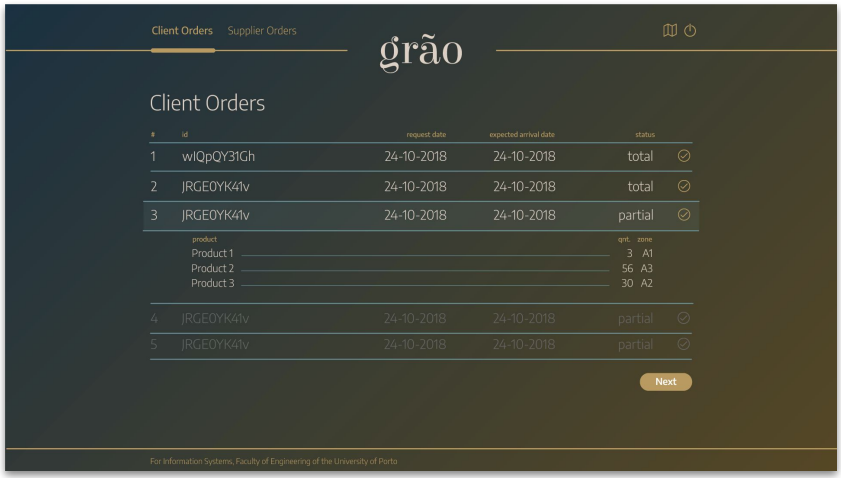
- Homepage
- Sign In
- Client Orders Button

Elements of the core

LST_001 (LST) | **Orders**
LST_002 (LST) | **Products**

User & Business Goals

- Client orders **overview** (ID, date of request/ expected arrival, order status) and **product quantity** and **warehouse zone**.
- Intuitively **check** the desired picking orders.
- View to be used as a **management tool** of the supplier orders.



Outward Paths/ Call to Action

- Provide to the user aggregate **information** about ***grão*'s client orders** like each order's ID, dates.
- **Mark** each supplier order to generate **the picking route**.
- **See** order's **products and quantity** and **sort** by date of supply request/ expected arrival.
- **Add** a **storage zone** to new products, as suggested by the ERP.

Information Architecture

ID Core View

GRAO_SUPP_ORD

Inward Paths/ Trigger Words

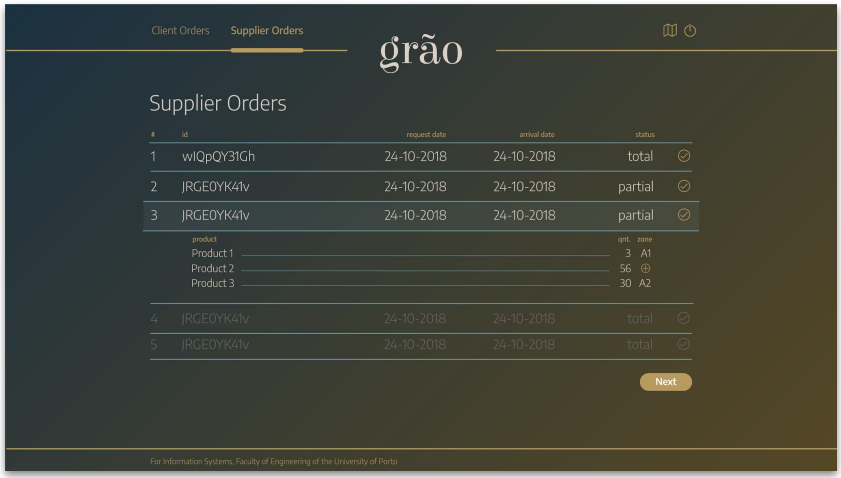
- Homepage
- Sign In
- Supplier Orders Button

Elements of the core

LST_001 (LST) | **Orders**
LST_002 (LST) | **Products**

User & Business Goals

- Supplier orders **overview** (ID, date of request/arrival, order status) and **product quantity** and **warehouse zone**.
- Intuitively **check** the desired storing orders.
- View to be used as a **management tool** of the supplier orders.



Outward Paths/ Call to Action

- Provide to the user aggregate **information** about ***grão's* supplier orders** like each order's ID and dates.
- **Mark** each supplier order to generate **the storing route**.
- **See** order's **products and quantity** and **sort** by date of supply request/ arrival.
- **Add** a **storage zone** to new products, as suggested by the ERP.

Information Architecture

ID Core View

GRAO_ROUTE_VW

Inward Paths/ Trigger Words

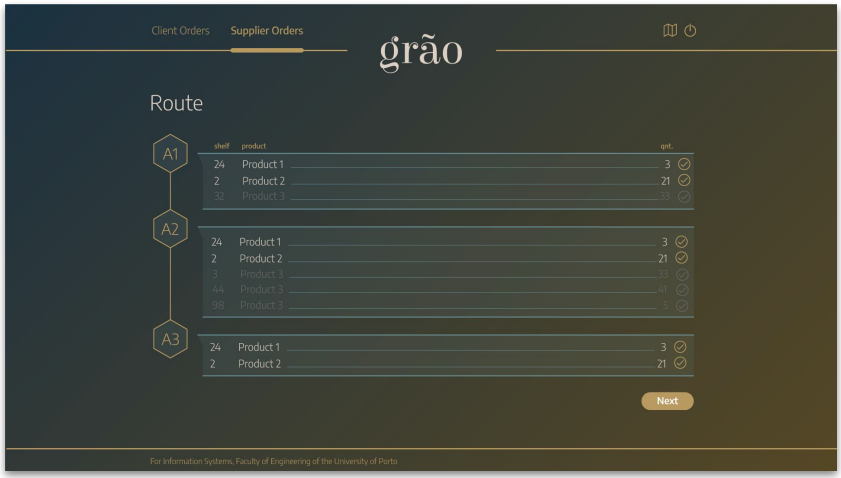
- Supplier Orders' *Next* button
- Client Orders' *Next* button

Elements of the core

LST_001 (LST) | **Route**
LST_002 (LST) | **Products**

User & Business Goals

- Picking or Storing **route overview**.
- Intuitively **confirm** product picking or storing.
- View to be used as a **management tool** for product picking or storing.



Outward Paths/ Call to Action

- Provide to the user aggregate **information** about **products** to store/ pick and to/ from which part of the warehouse.
- **Mark** each product as **picked/ stored**.

Other Pages


grão
username
password
Login


grão
Client Orders
Supplier Orders
Map
Logout
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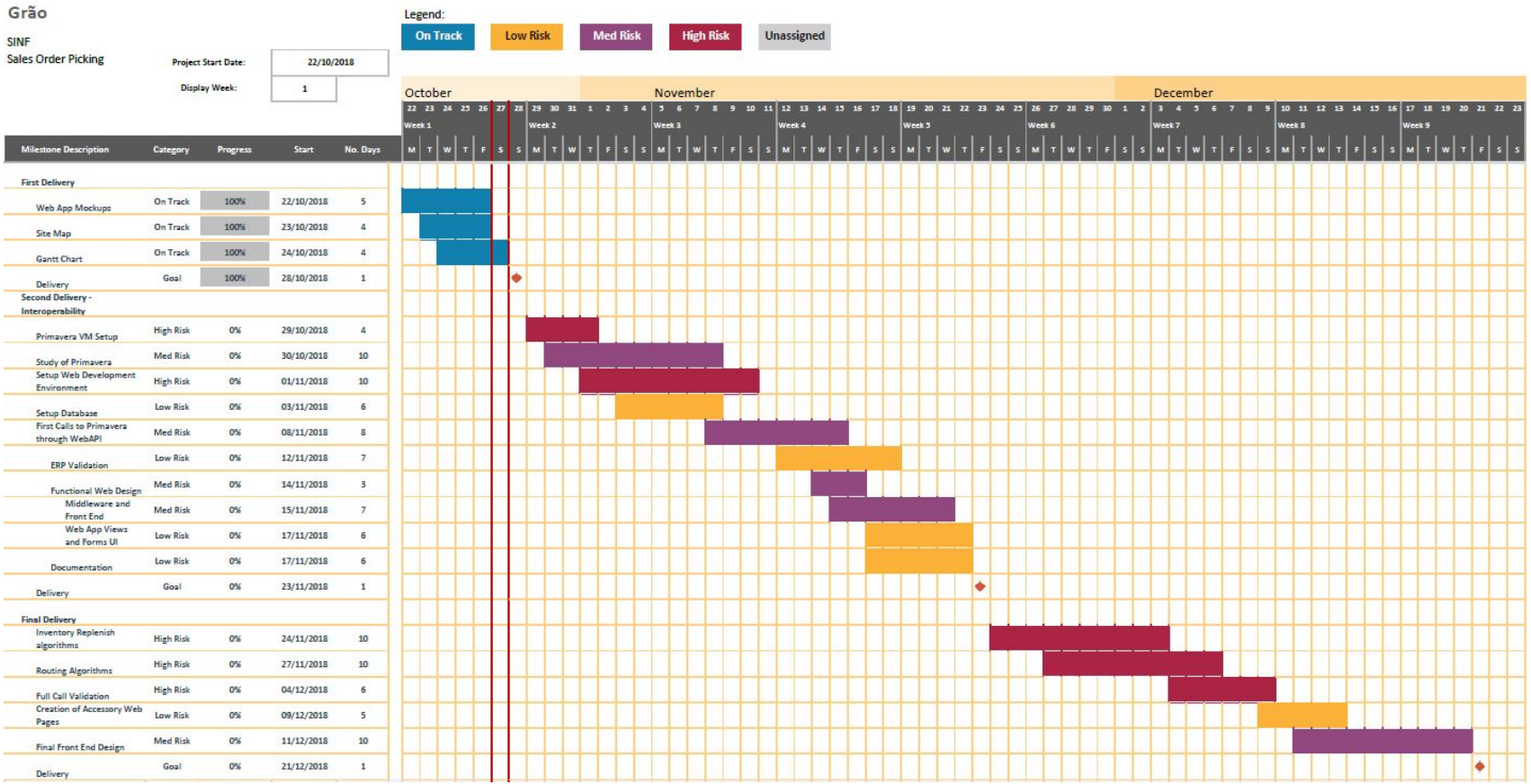
Planning


Grão
SINF
Sales Order Picking
Project Start Date: 22/10/2018
Display Week: 1
Legend:
On Track
Low Risk
Med Risk
High Risk
Unassigned
October
November
December
Week 1
Week 2
Week 3
Week 4
Week 5
Week 6
Week 7
Week 8
Week 9
Milestone Description | Category | Progress | Start | No. Days
First Delivery
Web App Mockups | On Track | 100% | 22/10/2018 | 5
Site Map | On Track | 100% | 23/10/2018 | 4
Gantt Chart | On Track | 100% | 24/10/2018 | 4
Delivery | Goal | 100% | 28/10/2018 | 1
Second Delivery - Interoperability
Primavera VM Setup | High Risk | 0% | 29/10/2018 | 4
Study of Primavera | Med Risk | 0% | 30/10/2018 | 10
Setup Web Development Environment | High Risk | 0% | 01/11/2018 | 10
Setup Database | Low Risk | 0% | 03/11/2018 | 6
First Calls to Primavera through WebAPI | Med Risk | 0% | 08/11/2018 | 8
ERP Validation | Low Risk | 0% | 12/11/2018 | 7
Functional Web Design | Med Risk | 0% | 14/11/2018 | 3
Middleware and Front End | Med Risk | 0% | 15/11/2018 | 7
Web App Views and Forms UI | Low Risk | 0% | 17/11/2018 | 6
Documentation | Low Risk | 0% | 17/11/2018 | 6
Delivery | Goal | 0% | 23/11/2018 | 1
Final Delivery
Inventory Replenish algorithms | High Risk | 0% | 24/11/2018 | 10
Routing Algorithms | High Risk | 0% | 27/11/2018 | 10
Full Call Validation | High Risk | 0% | 04/12/2018 | 6
Creation of Accessory Web Pages | Low Risk | 0% | 09/12/2018 | 5
Final Front End Design | Med Risk | 0% | 11/12/2018 | 10
Delivery | Goal | 0% | 21/12/2018 | 1