



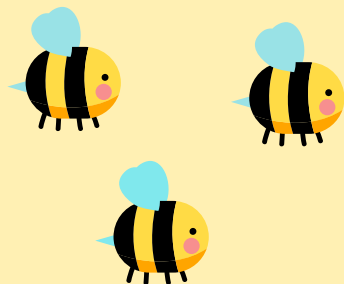
Bee (Grupo AD)

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Project overview/context

- This project aims to provide a Web Application which comprises an overview of a company's operations and financial situation through several key performance indicators (KPI's). These KPIs have a complete and comprehensive visual representation which simplifies the analysis of the large stream of data inherent to the business, thus easing the decision-making process.
- To guarantee a better user experience, the data is divided into views, each aggregating a set of statistics relevant to the topic at hand: Overview, Finances, Sales, Procurement, and Inventory.
- To obtain the data for this project we used a SAF-T (Standard Audit File for Tax) which feeds most of the information necessary. However, given that some sections are not available in said file, an integration with Primavera's ERP was also implemented, but all authentication data and KPIs calculations are being handled by our own backend service.

Key Performance Indicators

Value

Used to display values like:
money, quantities,
percentages

Table

Used to display information
about multiple models.
Allows to sort and search
by header and is paginated
in order to support a larger
numbers of entries.



List

Used to display the different
financial statements



Line Chart

Used to compare values of a
given statistic for different
months of the year



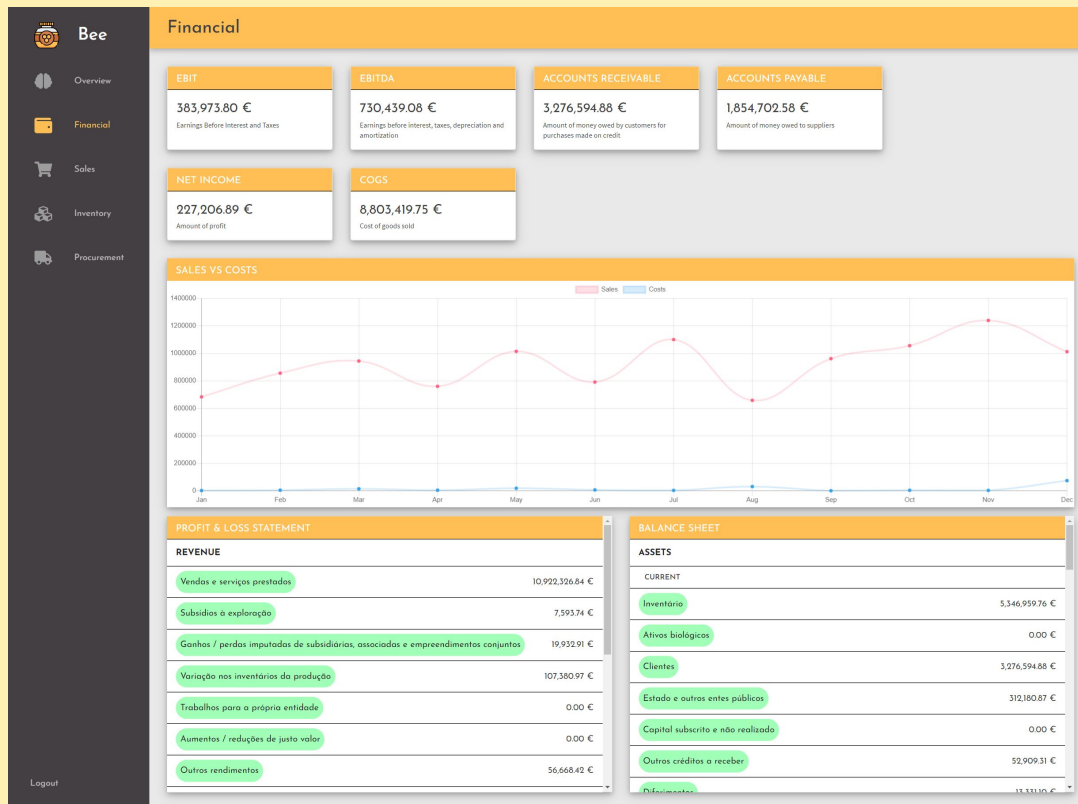
Functionalities



Financial

- EBIT
- EBITDA
- Accounts Receivable
- Accounts Payable
- Net Incomes
- COGS
- Sales & Costs Graph
- Profit & Loss Statement
- Balance Sheet

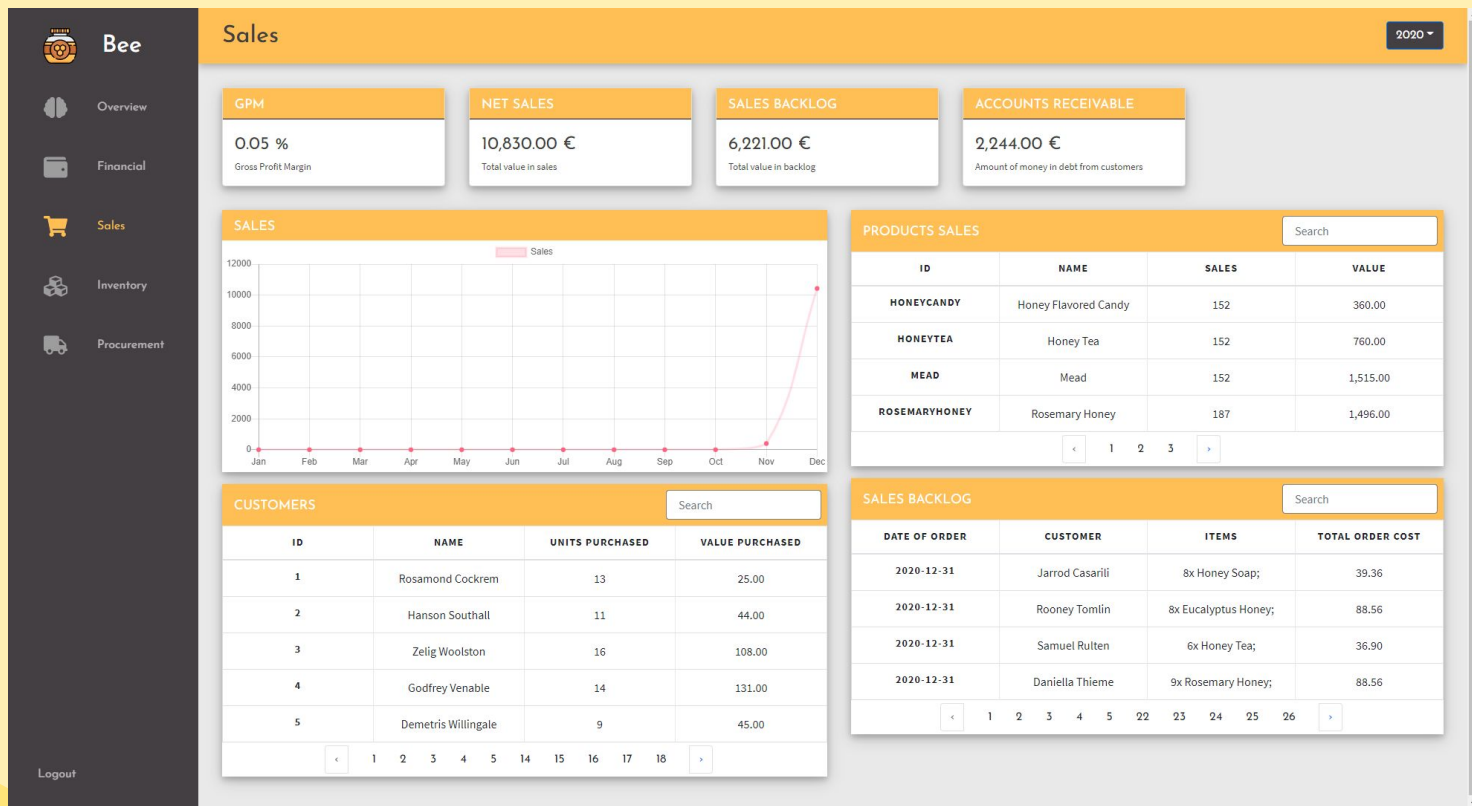
Financial



Sales

- GPM
- Net Sales
- Backlog Value
- Accounts Receivable
- Sales Graph
- Sales Table
- Customers Table
- Backlog Table


Sales





Inventory


- Stock Value
- Inventory Period
- Inventory Turnover
- Product Inventory Table
- Warehouses Table


Inventory


 Bee

 Overview

 Financial

 Sales

 Inventory

 Procurement

Logout

Inventory

STOCK

10,813.60 €

Current value in stock

AVERAGE INVENTORY PERIOD

221.69 days

Average number of days the company holds its inventory before selling it

INVENTORY TURNOVER

1.65

Ratio showing how many times a company has sold and replaced inventory during a given period

INVENTORY BY PRODUCT

Search

ID	NAME	STOCK	TOTAL VALUE OF STOCK
HONEYSOAP	Honey Soap	133	103.94
EUCALYPTUSHONEY	Eucalyptus Honey	184	920.94
HONEYCANDLE	Honey Candle	238	963.97
ROSEMARYHONEY	Rosemary Honey	291	1,255.69
HONEYVINEGAR	Honey Vinegar	375	227.79
HONEYBREAD	Honey Bread	170	353.75

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WAREHOUSES

Search

ID	NAME	STOCK	TOTAL VALUE OF STOCK
01	Porto	431	1,546.78
02	Vila Real	379	1,711.62
03	Braga	518	1,092.87
04	Lisboa	449	1,897.94
05	Santarém	470	2,056.47
06	Aveiro	406	2,507.92

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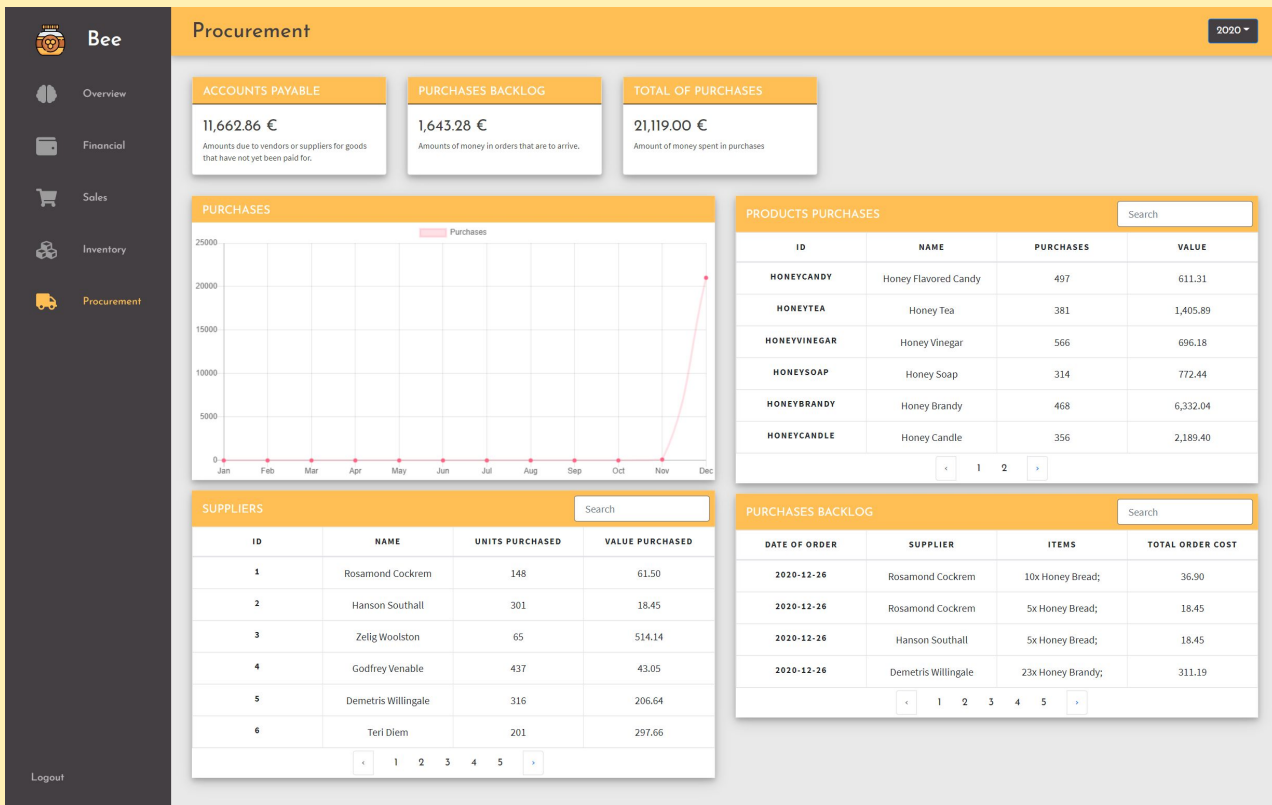
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Procurement

- Accounts Payable
- Backlog Value
- Total Purchases Value
- Purchases Table
- Suppliers Table
- Backlog Table

Procurement



Overview

- GPM
- Net Sales
- Total Purchases Value
- Accounts Receivable
- Accounts Payable
- Stock Value
- Sales Backlog Value
- Purchases Backlog Value
- Sales & Costs Graph

Overview



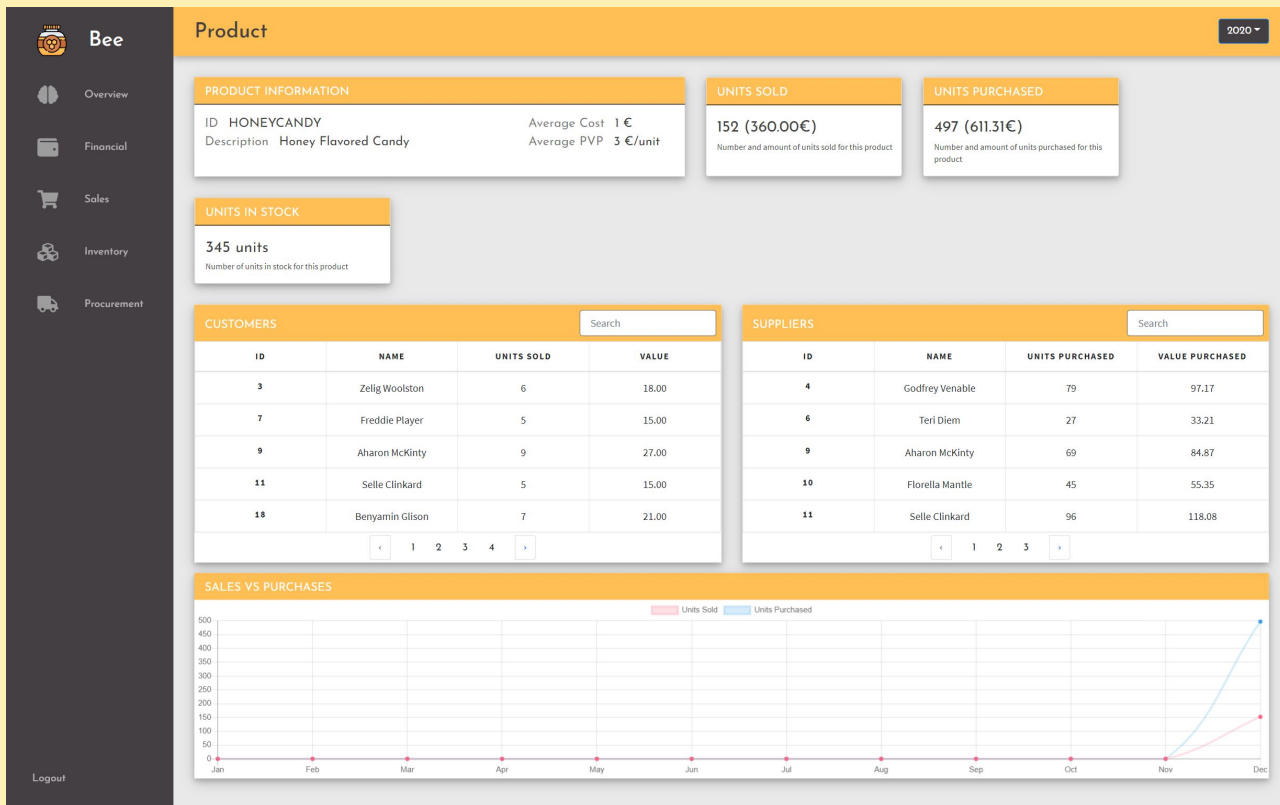
Drill Downs



Product

- Product Information
- Sales
- Purchases
- Stock
- Customers Table
- Suppliers Table
- Purchases & Sales Graph

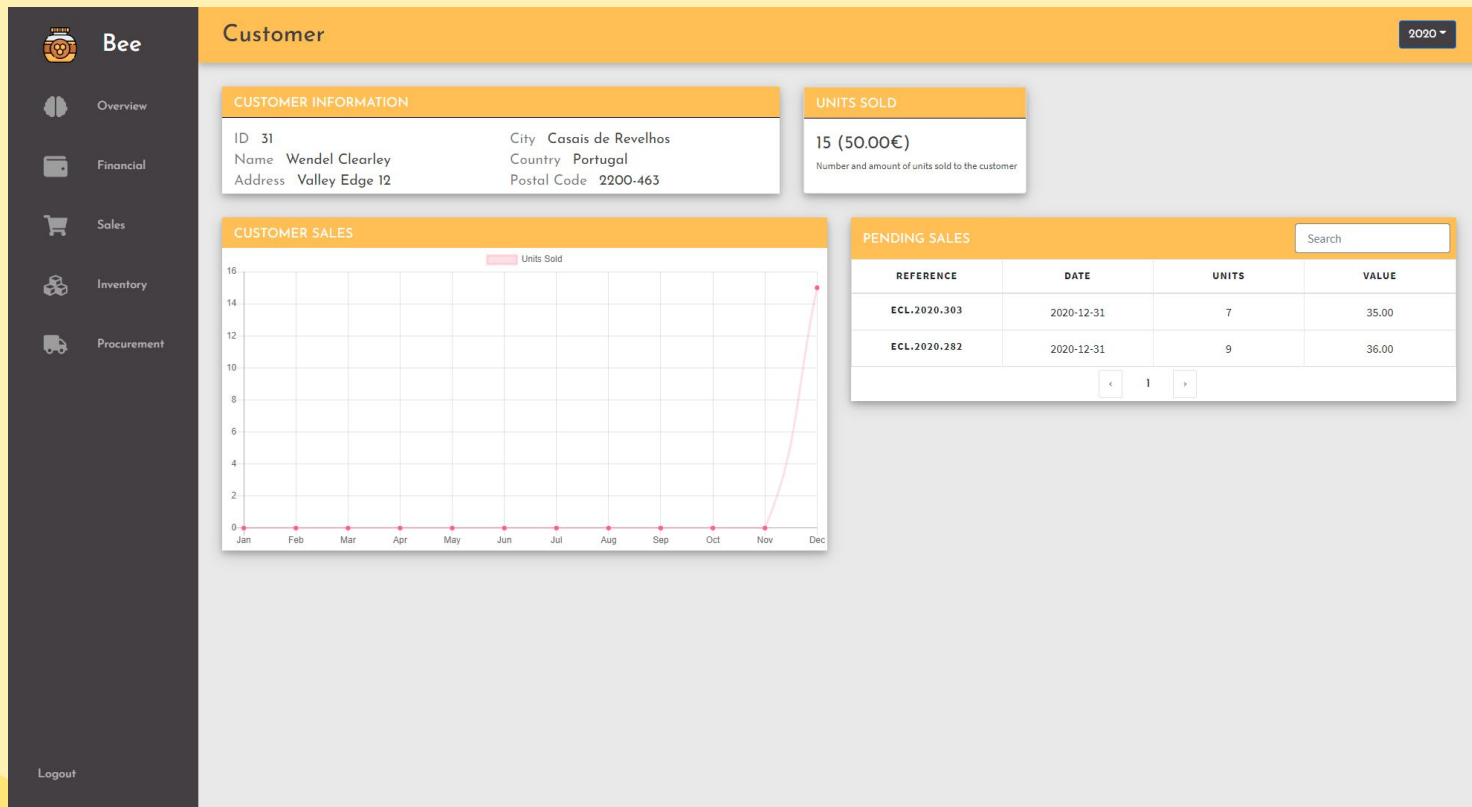
Product



Customer

- Customer Information
- Sales Graph
- Total Sales
- Pending Sales Table


Customer





Supplier


- Supplier Information
- Purchases
- Purchases Graph
- Pending Purchases Table


Supplier


**Bee**

 Overview

 Financial

 Sales

 Inventory

 Procurement

Logout

Supplier

2020

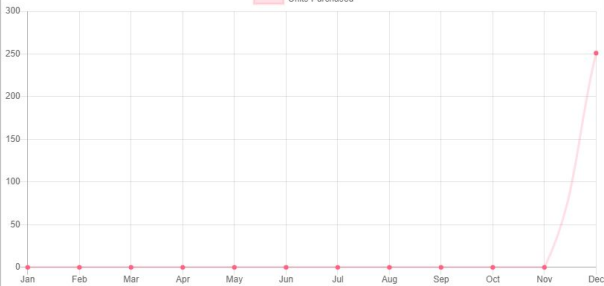
SUPPLIER INFORMATION

ID 2
Name Hanson Southall
Address Lighthouse Bay 34
City Corroios
Country Portugal
Postal Code 2855-005

UNITS PURCHASED

251 (1,690.00€)
Number and amount of products purchased from the supplier

SUPPLIER PURCHASES



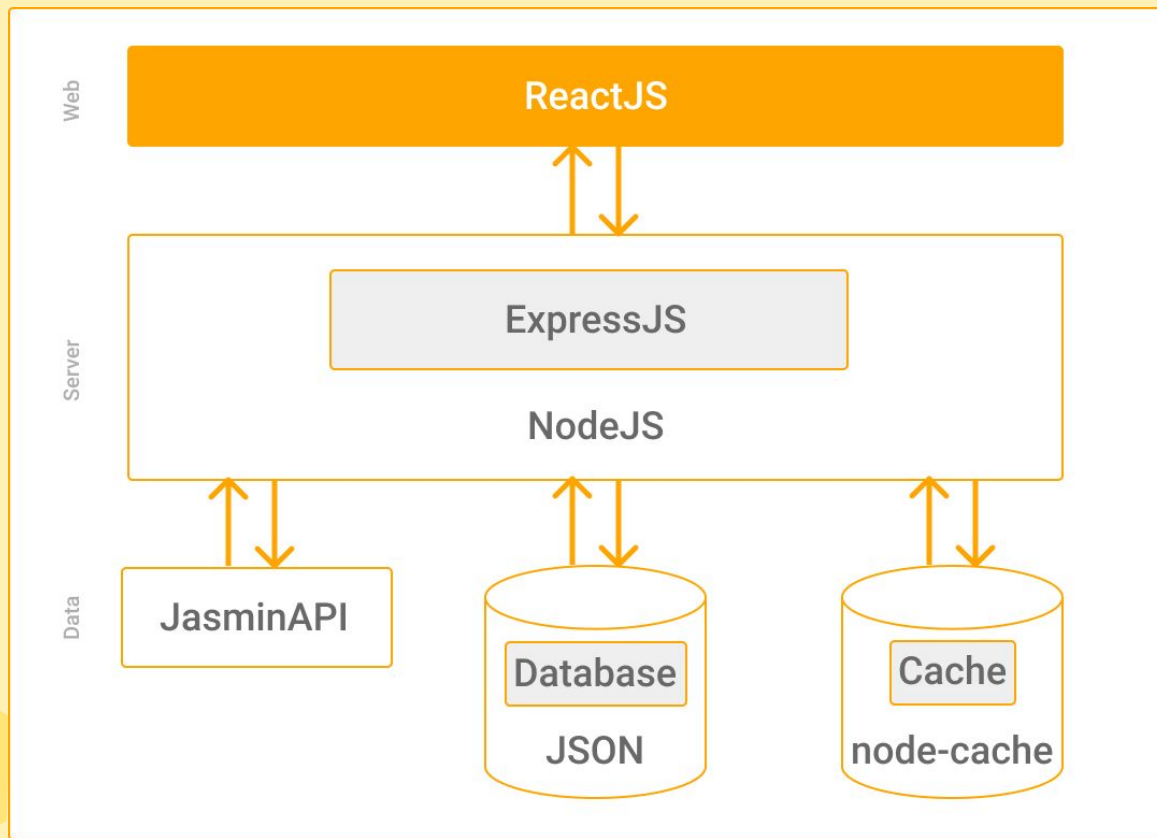
Units Purchased

PENDING PURCHASES

REFERENCE	DATE	UNITS PURCHASED	VALUE PURCHASED
ECF.2020.16	2020-12-26	5	18.45
ECF.2020.17	2020-12-26	5	18.45
ECF.2020.46	2020-12-26	40	344.40

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System Architecture



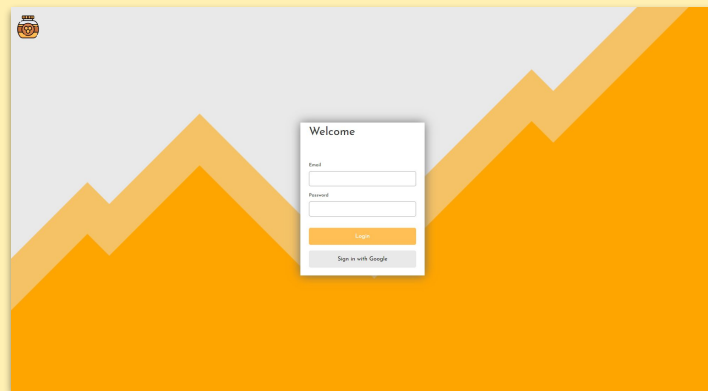
Demo

Instruction to run the project:

- npm run update:dependencies
- npm run start

Login Credentials:

- Mail: admin@gmail.com
- Password: administrator





Any Question ?

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