

Restaurant Moles Ovos

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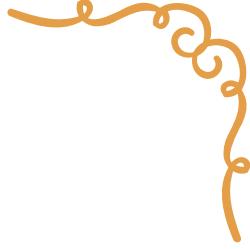
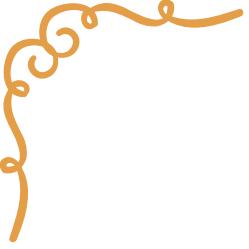
How we validated increments automatically.



INTRODUCTION

Project Overview

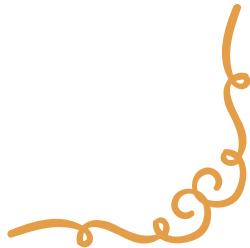
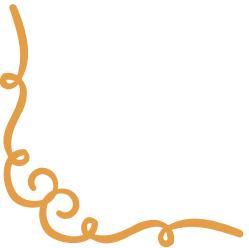


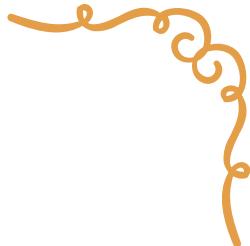


What is Moles Ovos?

Digital signage system for restaurants that never fails.

Aiming to turn easy-to-make mistakes jobs into fast and efficient ones.





Project overview

- Development of a Minimum Valuable Product (MVP) for a restaurant's digital signage system.
- Focus on continuous integration, delivery and testing.
- Project's components:
 - Website application (Customer + Kitchen)
 - Mobile application (Waiter)
 - Backend





PRODUCT CONCEPT

Making waiters not go through the
embarrassment of forgetting an
order ever again

02





Personas



Maria

Gender: Female
Age: 33
Occupation: Waiter



Zé

Gender: Male
Age: 52
Occupation: Cook



Joana

Gender: Female
Age: 22
Occupation: Uni student

Scenario 1

Create and send request to kitchen

Maria chooses customer's requested dishes through the mobile app and sends it to the kitchen

RMO-4 Fazer Um pedido à cozinha (Empregado de mesa)

Done ✓ Done Actions

Description

Como empregado de mesa quer puder ver o stock e os pratos disponíveis de modo a puder fazer o pedido a cozinha.

Child issues Order by ... +

100% Done

- RMO-6 Empregado de mesa consegue ver stock = - TV DONE
- RMO-8 Empregado de mesa faz o pedido = - TV DONE
- RMO-7 Empregado de mesa escolhe pratos para... = - TV DONE

Scenario 2

RMO-11

Aceitar reservas dos clientes (Empregado de mesa)

To Do Actions

Description

Como empregado quer ver e aceitar reservas de clientes.

Child issues

Issue	Status
RMO-13 Empregado de mesa aceita/recusa reser...	DONE
RMO-12 Empregado de mesa vê reservas dos cli...	DONE

Confirm client's booking

Maria checks all bookings and accepts the ones that are reasonable for the given day.

Scenario 3

Check available requests to cook

Zé quickly glances over the digital signage to understand what needs doing.

The screenshot shows a digital signage interface with a vertical orange scroll bar on the left. At the top, there is a purple square icon with a lightning bolt symbol and the text "RMO-14". To the right are icons for lock, refresh, count (1), like, share, more options, and close. Below this is a purple square with the text "Ver pedidos feitos na sala (Cozinheiro)". Underneath are five small gray icons: a clipboard, a document, a link, a grid, and a circle. A green button labeled "Done" with a dropdown arrow is followed by a checked green box labeled "Done". To its right is a lightning bolt icon labeled "Actions" with a dropdown arrow. The next section is titled "Description" with the text "Eu como cozinheiro quero ver os pedidos feitos". Below this is a "Child issues" section with a green square icon, the text "RMO-15 Cozinheiro vê pedidos feitos", and a "DONE" button with a checkmark. To the right of this are "Order by" and a plus sign. At the bottom right is a "DONE" button with a checkmark and a number "8".

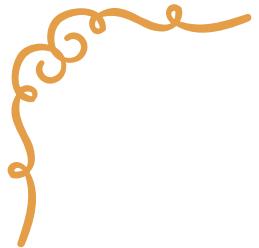
Scenario 4

The screenshot shows a Jira issue card for 'Fazer reserva (Cliente)'. The card has a purple icon and the identifier RMO-22. It includes standard Jira navigation icons (lock, priority, assignee, etc.) and a 'Done' button with a dropdown menu. Below the title, there's a 'Description' section with the text: 'Como cliente quero fazer reserva no restaurante'. The 'Child issues' section lists three sub-tasks: 'Cliente escolher horário' (RMO-24), 'Cliente Ver horários disponíveis' (RMO-23), and 'Cliente ver status da reserva' (RMO-25). Each sub-task has a progress bar indicating 100% completion and a 'DONE' status indicator.

Child Issue	Description	Status
RMO-24	Cliente escolher horário	DONE
RMO-23	Cliente Ver horários disponíveis	DONE
RMO-25	Cliente ver status da reserva	DONE

Book table for given day

Joana accesses the website and books the most convenient day to dine at the restaurant.

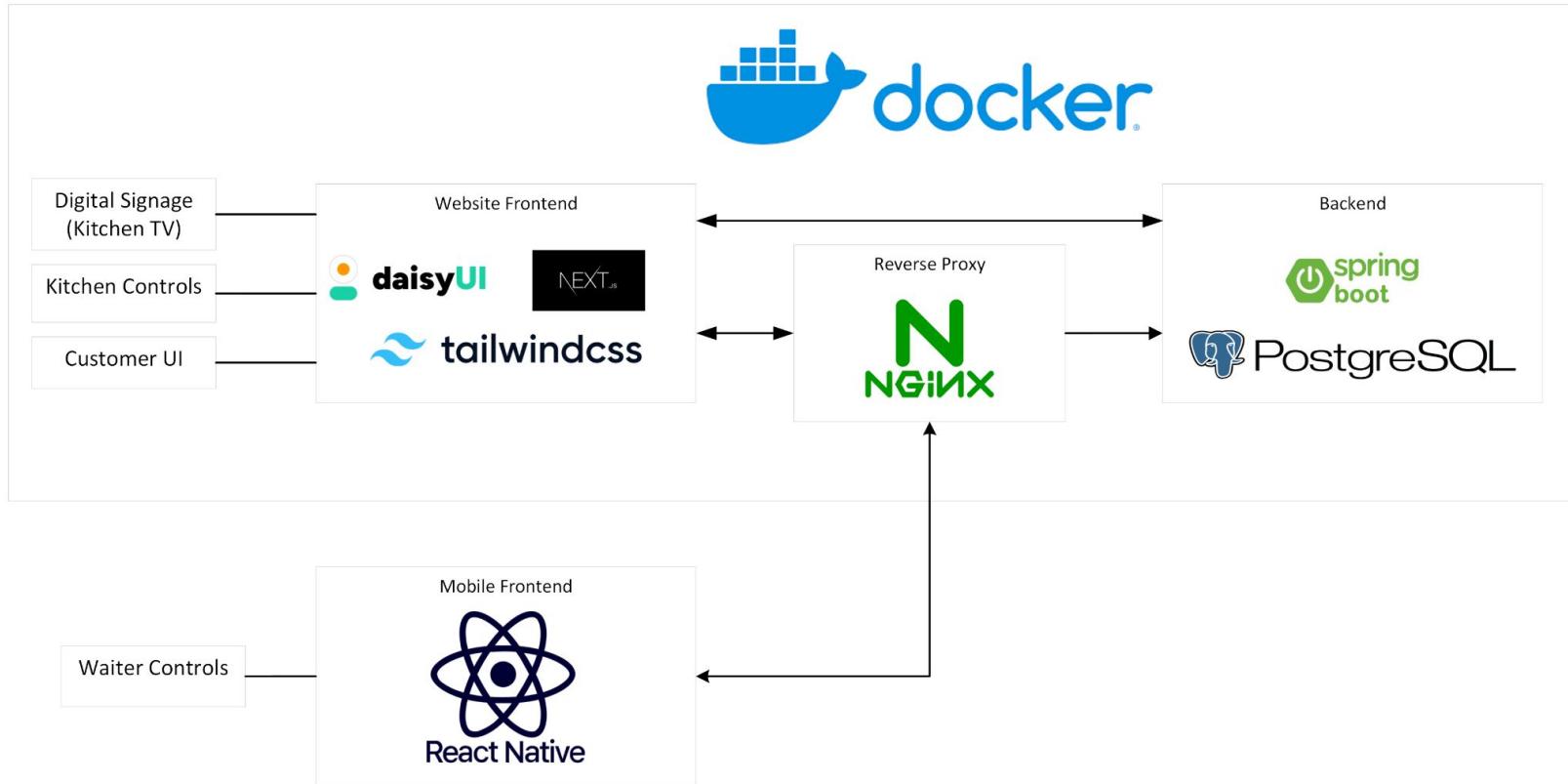


ARCHITECTURE

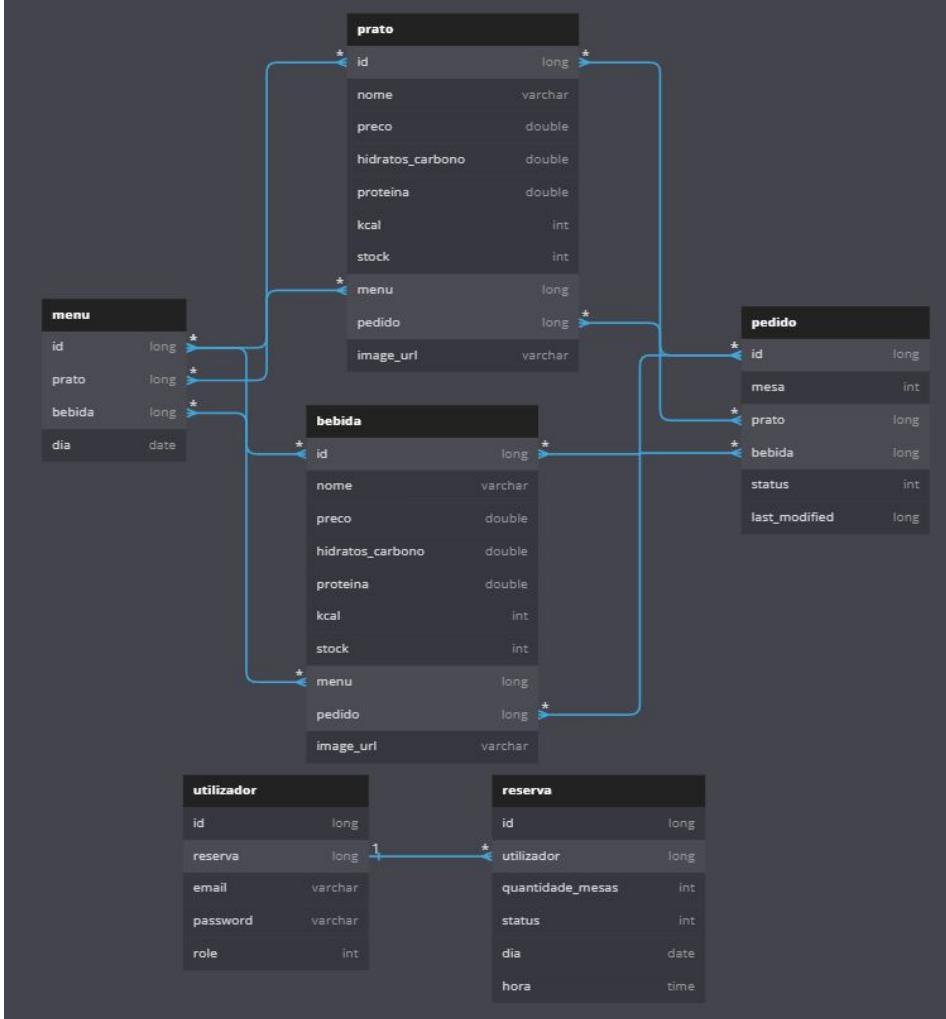
03



ARCHITECTURE



Domain Model

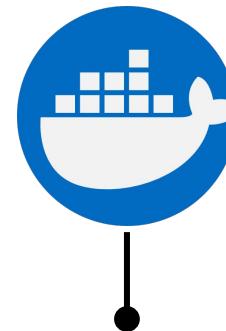




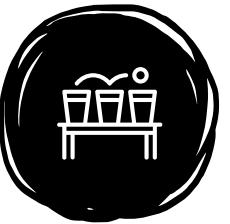
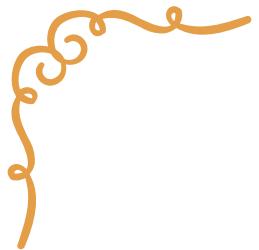
DEPLOYMENT



NGINX
Reverse Proxy



DOCKER
Containerize our
Application



CI/CD

Continuous Integration
&
Continuous Deployment

04

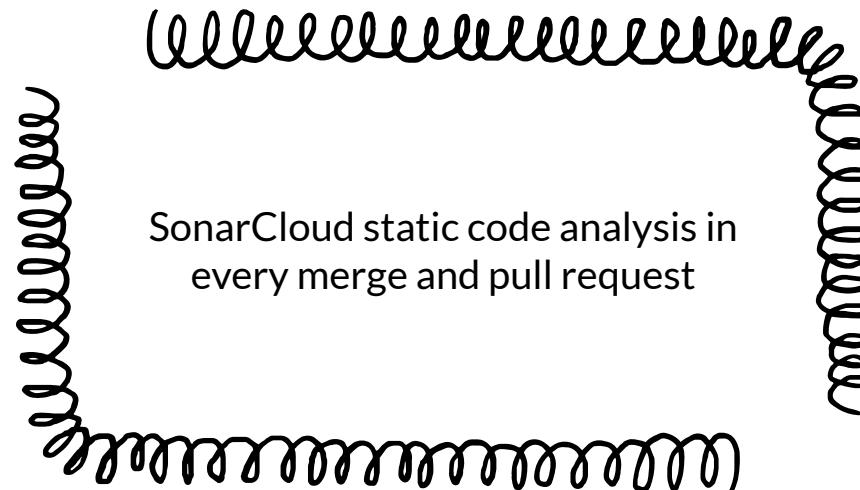




STATIC CODE ANALYSIS

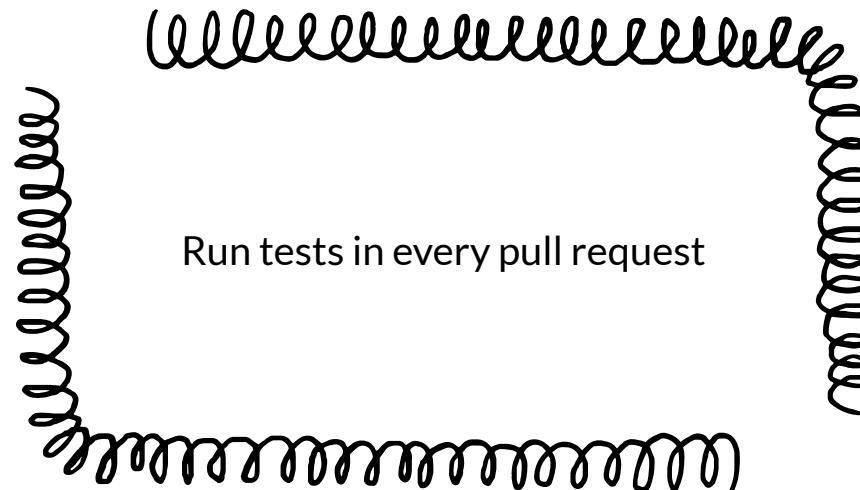


SonarCloud

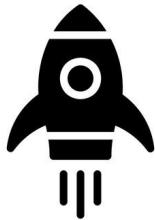




Automatic Tests



Continuous Deployment

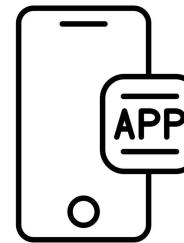


Deploy Docker

When there are changes in the repository, deploy the docker to the virtual machine



Github Actions
Used to deploy our system



Build APK

When there are changes in the repository, build the apk

THANK YOU



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