

RoomsScanner

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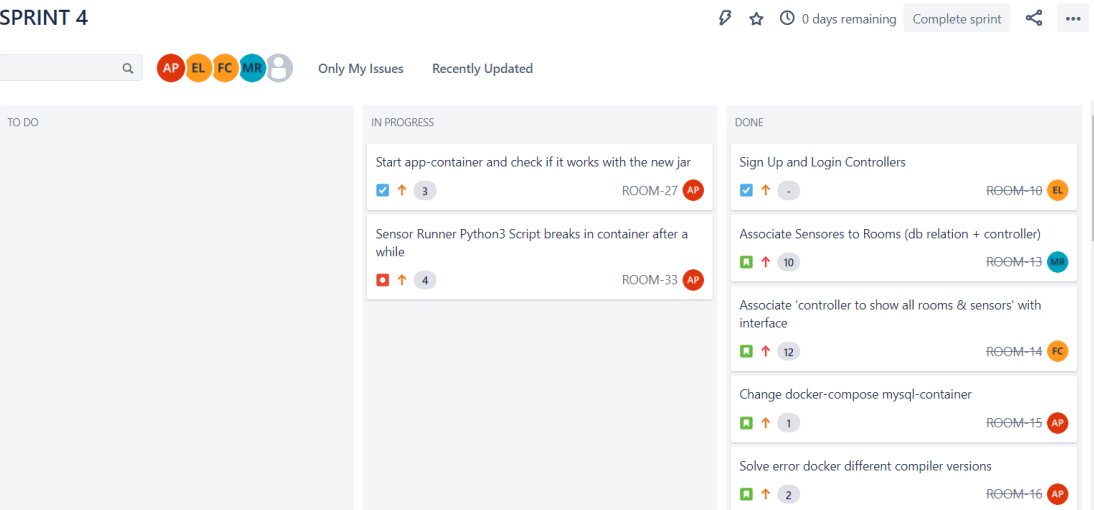
Maria Inês Rocha

Conceito do Produto

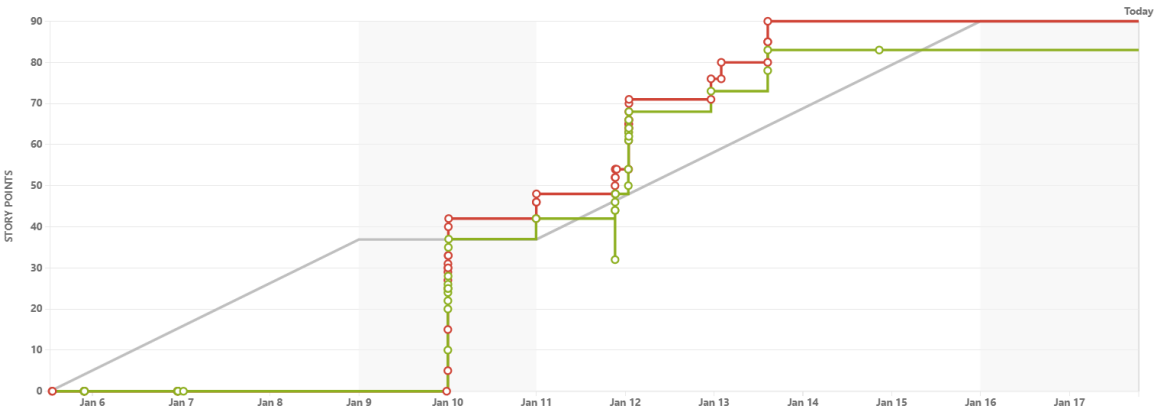
- Aplicação que facilita a escolha de um local para estudar;
- Permite evitar aglomerações de pessoas e deslocações desnecessárias;
- Atualidade da aplicação em tempos de pandemia.



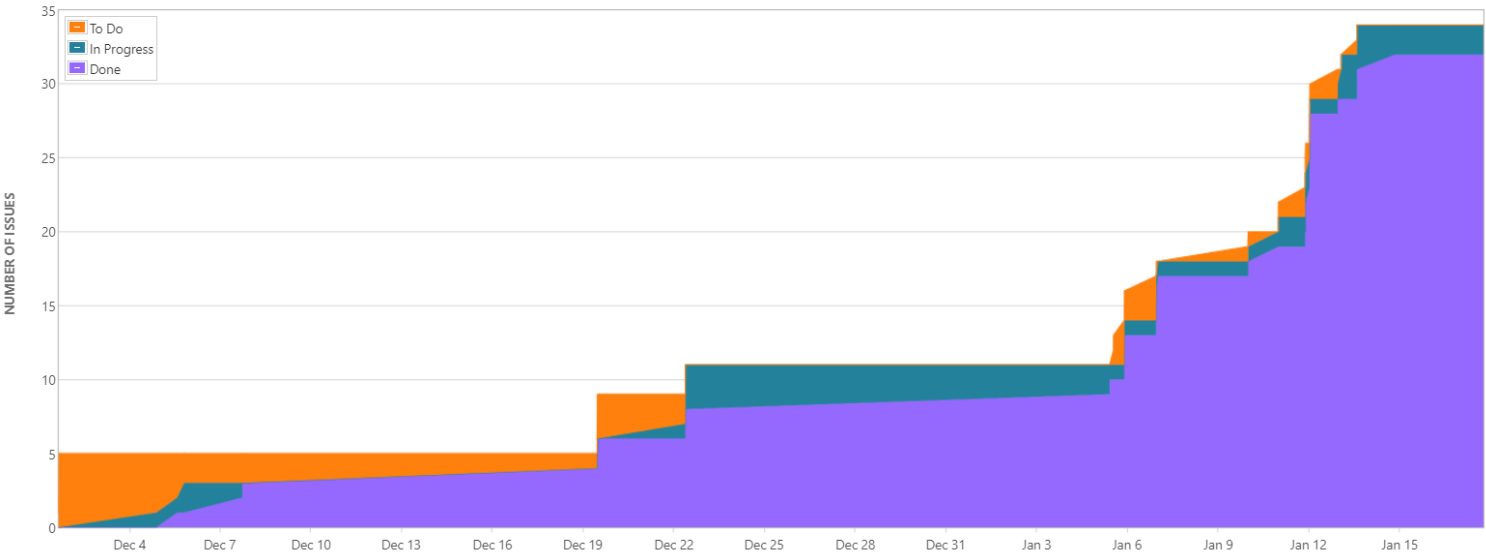
Gestão do Projeto - Jira



Burnup Chart



Cumulative Flow Diagram



Gestão do Projeto - Confluence

Projects / RoomsScanner

Project pages

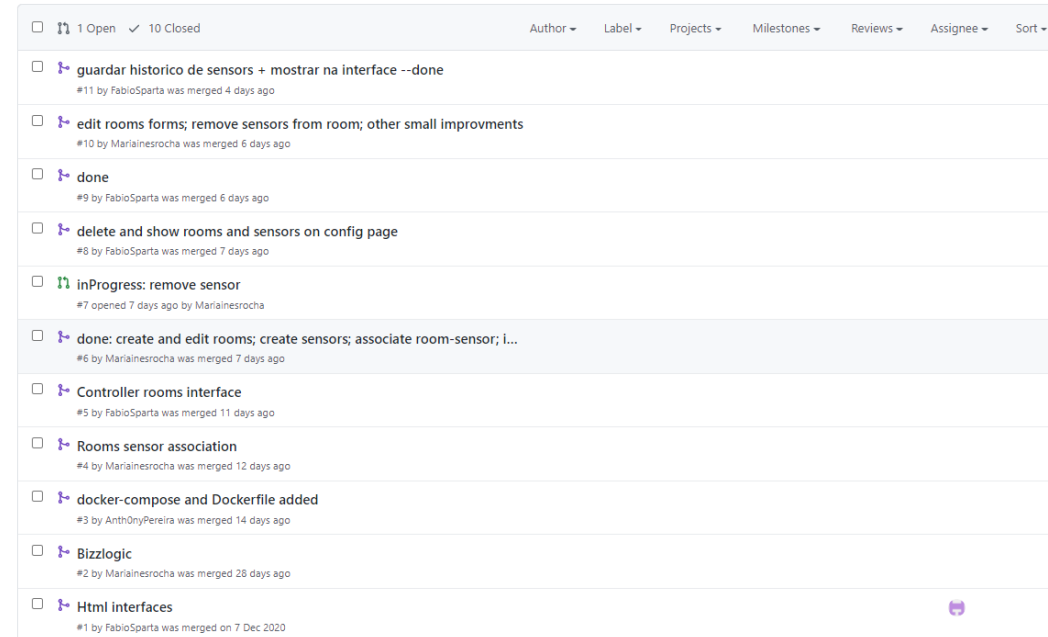
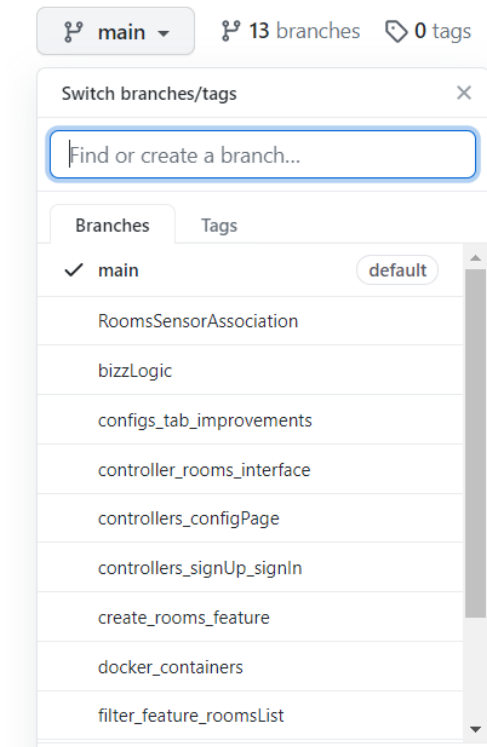
Name	Contributors	Last modified
Retrospectives		Dec 19, 2020
Decision log		Dec 19, 2020
▼ File lists		Dec 19, 2020
ROOMS SCANNER FILES		Dec 19, 2020
Product requirements		Dec 19, 2020
Meeting notes		Dec 19, 2020

ROOMS SCANNER FILES

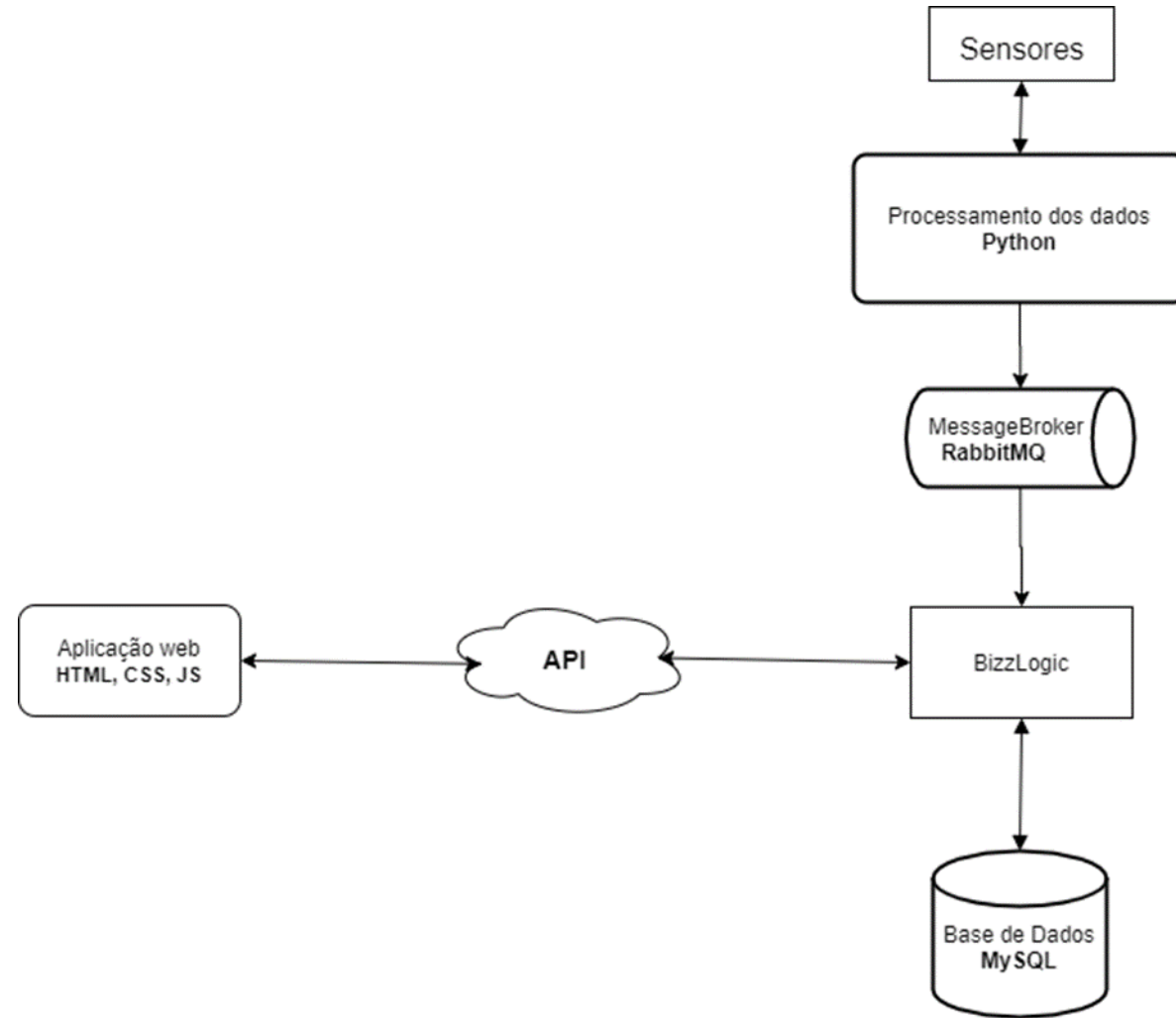
 Created by Anthony Pereira
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File	Modified
>  UML_Arquitetura_diagrama.png	Jan 10, 2021 by Anthony Pereira
>  Anth0nyPereira-RoomsScannerAPI-0.1-resolved.json	Jan 10, 2021 by Anthony Pereira
>  api-documentation.pdf	Jan 10, 2021 by Anthony Pereira
>  Rooms Scanner API Documentation.pdf	Jan 10, 2021 by Anthony Pereira
>  diagrama_sequencial_app.png	Jan 10, 2021 by Anthony Pereira
>  diagrama_sequencial_sensores.png	Jan 10, 2021 by Anthony Pereira
>  Stories.pdf	Jan 11, 2021 by Anthony Pereira
>  IES-Project-Specification-Report.pdf	Jan 11, 2021 by Anthony Pereira
>  API Documentation Link.txt	Jan 11, 2021 by Anthony Pereira

Gestão do Projeto - Github



Arquitetura do Sistema



Visão Geral Tecnologias



BizzLogic



Base de dados

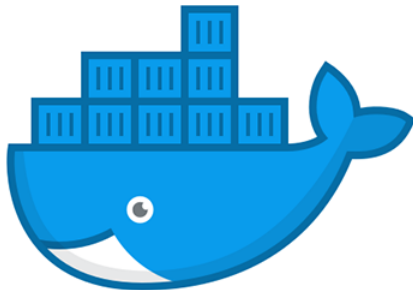


RabbitMQ
Message Broker



Geração de dados

Virtualização



Front-end



Front-end

HTML



CSS



JAVASCRIPT



Front-end



nicepage

User Stories

Title: Anthony should be able to add more rooms and sensors

Business/User Value: As Anthony I want to add more rooms and sensors to the system.

GIVEN I enter the web page AND I login into my admin account AND I navigate to the configurations page WHEN I click on “New Room” or “New Sensor” buttons THEN I see a blank form with the required information required for a room or sensor AND I see a “Submit” button.

Title: João should be able to see how many seats are available in a department.

Business/User Value: As João I want to see how many seats are available in DETI because the library was already occupied.

GIVEN I enter the web page AND I navigate to the rooms list page WHEN I select a department in the comboBox THEN I can see the availability of every room in that department.

Trabalho Futuro

- Implementar Spring Security;
- Implementar reservas de salas associadas às contas de utilizador criadas;
- Desenvolver a aplicação em português;
- Recorrer ao uso de gráficos e dados estatísticos e colocar no Rooms Statistics;
- Implementar a RaspberryPi.

