

Walt Disney Park Management

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Software Engineering Introduction 2023/2024

<http://192.168.160.218:8080>



Our team

(Mariana) TEAM MANAGER

Responsible for task distribution, meeting deadlines and orienting the team in the right direction.

1

2

PRODUCT OWNER (Rafaela)

Represents the main interests of the stakeholders and clarifies the project features/requirements.

(João) ARCHITECT

Deep understanding of the proposed architecture and supporting technologies.

3

4

DEVOPS (Bernardo)

Responsible for the infrastructure and its configuration.



Project management

Walt Disney Park Management

Backlog By priority By size + New view

Filter by keyword or by field Discard

Backlog 0

Sprint Backlog 2

- Draft
Display da informação de todos os outros parques
- Draft
Display dos dados em todas as atrações de todos os parques

In progress 4

- Draft
frontend
High X-Large
- Draft
backend
Medium
- Draft
Desenvolver o script de dados
Medium Large
- Draft
Dockerize
Medium Large

In review 2

- Draft
Technical Report - Architecture notebook
Urgent Medium
- Draft
REST API
Urgent Medium

Done 39

- Draft
Technical Report - Product specification
Urgent Small
- Draft
Escolha do template (frontend)
Urgent Small
- Draft
configurar rabbitMQ
Medium
- Draft
criar o projeto SpringBoot
High
- Draft
criar Base de Dados
Medium
- Draft
Configuração websockets
- Draft
Criação do login

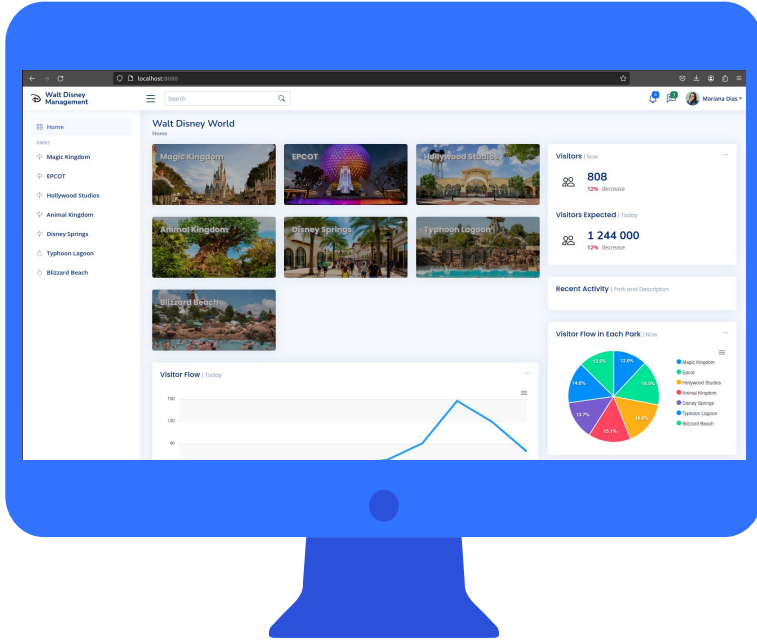
+ Add item

Overview

44 Active pull requests 0 Active issues

44 Merged pull requests	0 Open pull requests	0 Closed issues	0 New issues
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Product concept



As heart of Walt Disney World's operations, our system optimizes activities through sensor-driven insights. Managing and planning seamlessly, it guarantees a magical visitor experience with real-time data, resource allocation, and strategic planning.

Our objectives



Internal Administration and Supervision

Efficiently manage internal park operations, ensuring a safe and effective environment.



Maintenance Optimization

Utilize sensor data for preventive maintenance, reducing attraction downtime.



Integration and Information Exchange

Automate communication across different park sectors, promoting integrated and efficient management.



Enhanced Visitor Experience

Focus on providing a magical and hassle-free experience to ensure visitor happiness.

Our personas



Joana Marques

Executive Director
Officer of Walt
Disney World



Mary Jane

Head of the parking
lot security team



Mariana Dias

Attractions
technician for the
parks

User stories

1. As executive director, I want to know the current capacity of the complex to be able to manage the activities of each park.
2. As a responsible technician, I want to be informed about significant damage to attractions, in order to make the necessary decision according to the urgency.
3. As a technician responsible for preventive maintenance, I want to be able to record maintenance carried out at a specific attraction and, through the history, ensure that it was actually recorded.
4. As head of security, I want to receive an alert when a car park is automatically closed so I can manage teams of employees.

Frontend

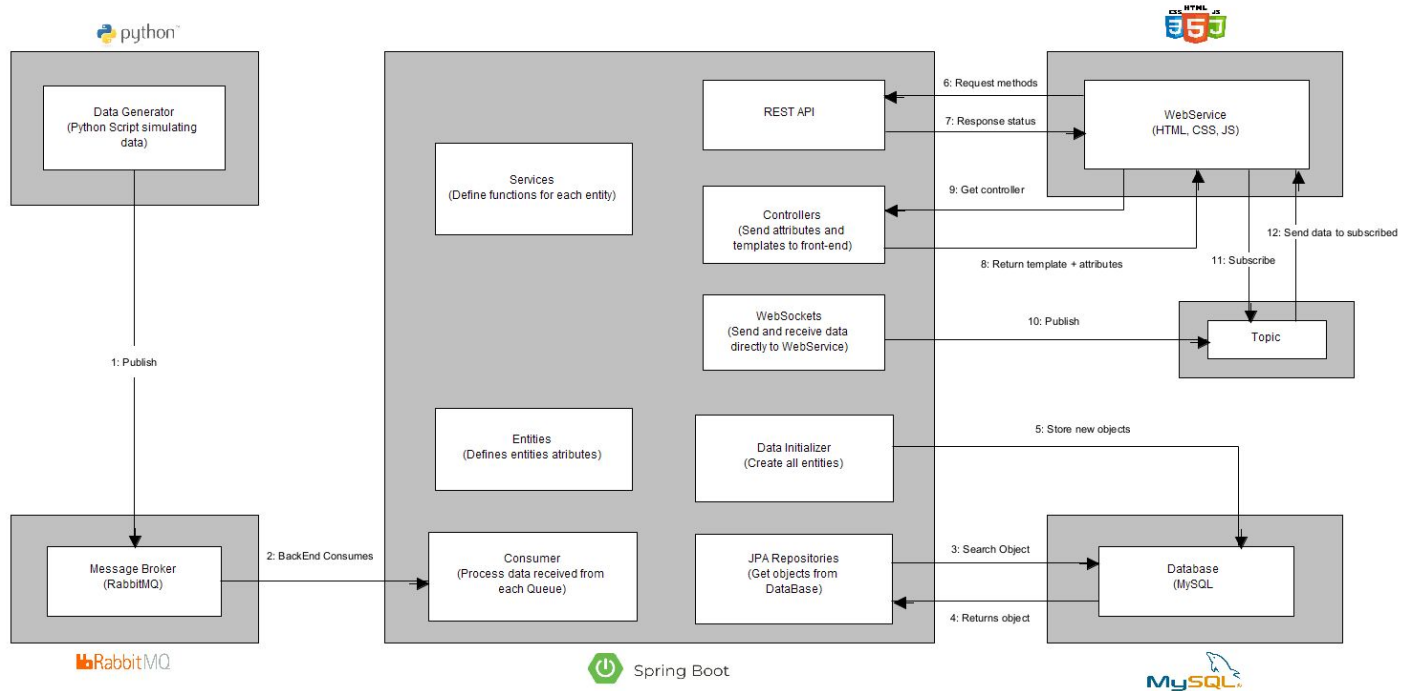


Backend

Data Generation and
Messages Handling



Architecture



DEMO

Effortless park management with real-time capacity forecasts, parking alerts, and attractions monitoring.

