TQS PROJECT 2024-2025

Reuniao № 4

TEAM SIGMA

01

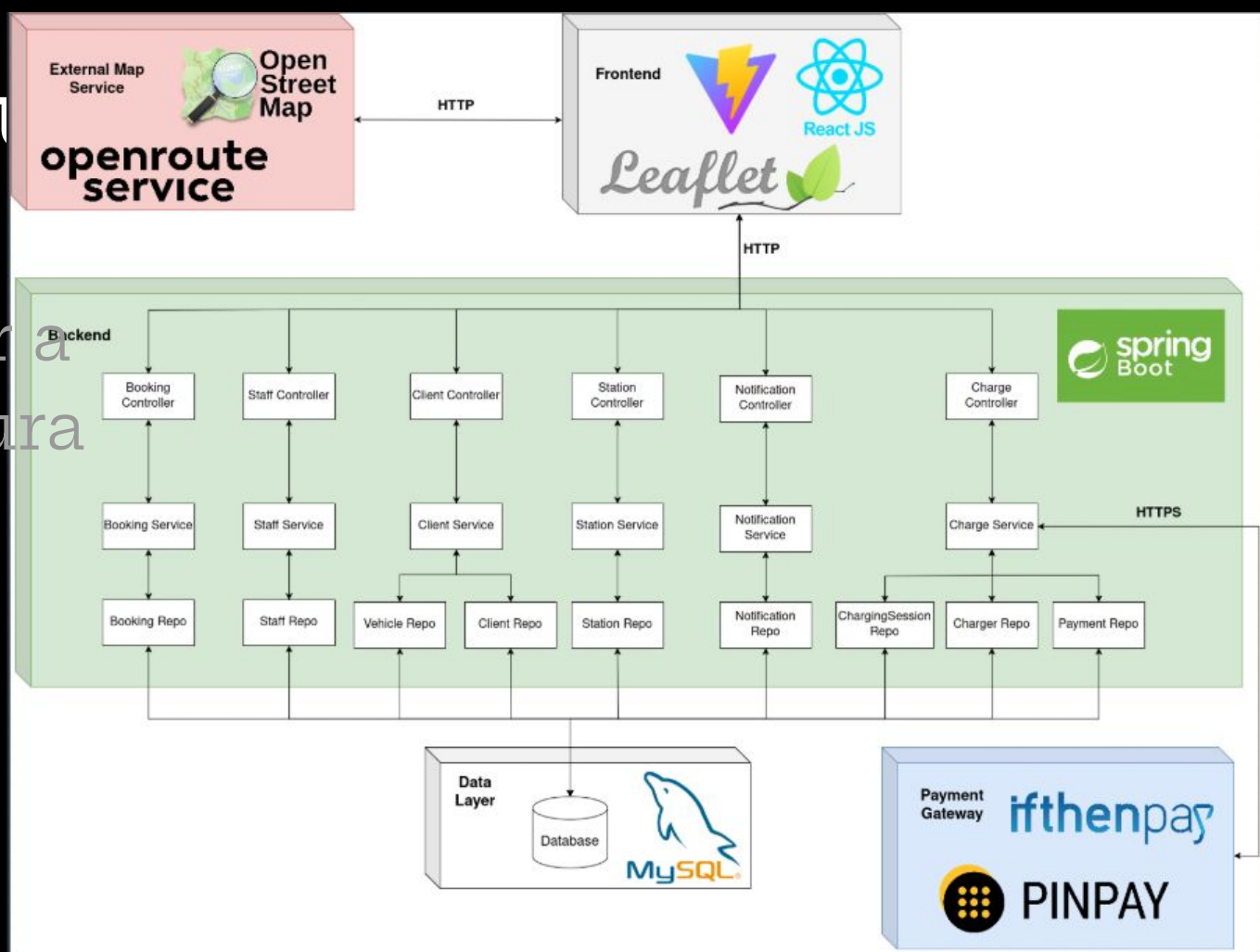## Objetivos da Reuniao

Objetivos da Reuniao:

- Rever a arquitetura de alto nivel
- Definir criterios aquanto a criacao de issues no jira relativamente a implementação
- Escolher as User Stories a implementar primeiro
- Notas

02

Architecture

Architecture

- Toca a defender a arquitetura

Architecture:

03

Issues

Issues:

- Escolher as User stories mais importantes de cada EPIC e implementar:
- Escolhidas:

- **As an EV Driver**, I want to search for charging stations near my location so that I can access stations within a short distance from me.
  - **Priority/Estimate:** High, 2
  - **Acceptance Criteria:**
    - Given I have opened the charging station app,
    - When I allow location access
    - Then I see a list of charging stations ordered by proximity to my current location

- **As an EV Driver**, I want to filter stations by charger type, availability, and cost so that I can find stations that match my technical needs and budget.
  - **Priority/Estimate:** Medium, 2
  - **Acceptance Criteria:**
    - Given I am viewing the list of charging stations,
    - When I apply filters for charger type, availability or cost,
    - Then only the charging stations that meet the selected criteria are displayed

- **As an EV Driver**, I want to book a charging slot in advance so that I can ensure availability.
    - **Priority/Estimate:** High, 3
    - **Acceptance Criteria:**
        - Given I have selected a charging station and charger type,
        - When I choose a time slot and confirm the booking,
        - Then the system reserves that slot for me and prevents other users from booking it.
        - And I receive confirmation with the booking details, including the charger type, time and a token.

- **As an EV Driver**, I want to use my reservation token in the app to unlock the charger when I arrive, so that I can start my charging session securely and only during my reserved slot.
    - **Priority/Estimate:** High, 3
    - **Acceptance Criteria:**
        - Given I have an active reservation and have arrived at the charging station,
        - When I open the app and input my reservation token,
        - Then the corresponding charger is remotely unlocked,
        - And my charging session begins.

- **As an EV Driver**, I want to stop the charging session from the app at any time, so that I can charge only the amount I need and control the cost.
    - **Priority/Estimate:** High, 2
    - **Acceptance Criteria:**
        - Given I am in an active charging session,
        - When I select "Stop Charging" in the app,
        - Then the charger stops delivering power and the session ends,
        - And I see a summary of total cost, time, and energy charged.

As an EV Driver, I want to receive the payment summary in the app when my charging session ends, so that I can easily review and pay for the charging cost directly through the app.
- **Priority/Estimate:** High, 4
- **Acceptance Criteria:**
    - Given my charging session has ended,
    - When I open the app,
    - Then I see a payment summary with the total amount due, energy consumed, and charging duration,
    - And I can choose a payment method and complete the transaction within the app.

- **As a Station Operator**, I want to access financial reports per charging session and verify their payment status, so that I can monitor revenue and ensure that all sessions have been correctly billed and paid.
    - **Priority/Estimate:** Medium, 4
    - **Acceptance Criteria:**
        - Given I am logged as station operator,
        - When I open the financial reporting section,
        - Then I can view individual charging sessions along with payment status, amounts charged, and payment timestamps

As an EV Driver, I want to view my charging history and total energy consumption over time, so that I can track my usage patterns and manage my charging behavior more efficiently.
- **Priority/Estimate:** Medium, 4
- **Acceptance Criteria:**
    - Given I am logged into my account,
    - When I open the "Charging History" section,
    - Then I see a list of past charging sessions with dates, locations, energy consumed (kWh), duration, and cost.

As a Station Operator, I want to update my station's information such as availability and pricing, so that users always see accurate data when booking a charging slot.

- **Priority/Estimate:** Medium, 3
- **Acceptance Criteria:**
  - Given I'm logged into the operator dashboard,
  - When I access a station's details and make changes to availability, pricing, or charger info,
  - Then the updated information is saved and reflected in the user-facing app immediately.

As an Admin, I want to create station operator accounts, so that new employees can manage charging stations assigned to them.

- **Priority/Estimate:** High, 3
- **Acceptance Criteria:**
  - Given I am logged into the admin dashboard,
  - When I fill in the required details to create a new operator account,
  - Then the operator receives credentials and can log into the platform with their permissions.

As an Admin, I want to assign or remove stations from specific station operators, so that I can manage responsibilities across the network effectively.

- **Priority/Estimate:** High, 3
- **Acceptance Criteria:**
  - Given I am on an operator's profile in the admin dashboard,
  - When I select stations to assign or remove,
  - Then the operator's access is updated accordingly.

- **As an EV Driver,** I want to update my account information, so that my profile stays accurate and secure.
  - **Priority/Estimate:** Medium, 3
  - **Acceptance Criteria:**
    - Given I am logged into my account,
    - When I navigate to the profile settings,
    - Then I can edit and save my personal details.

04

Notas

Notas:

- Criar os Issues sempre associados a uma User Story
- Não esquecer da Jira key
- Não fazer coisas que não são explicitamente pedidas só porque tem de ser feitas
  Exemplo: fazer models de outra user story
- Respeitar a Ordem do trabalho nas priorities
  Fazer primeiro as cenas high e medium de todas as epics e depois e que partimos para as outras

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Reuniao № 3

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