

Universitatea POLITEHNICĂ din București
Facultatea de Automatică și Calculatoare



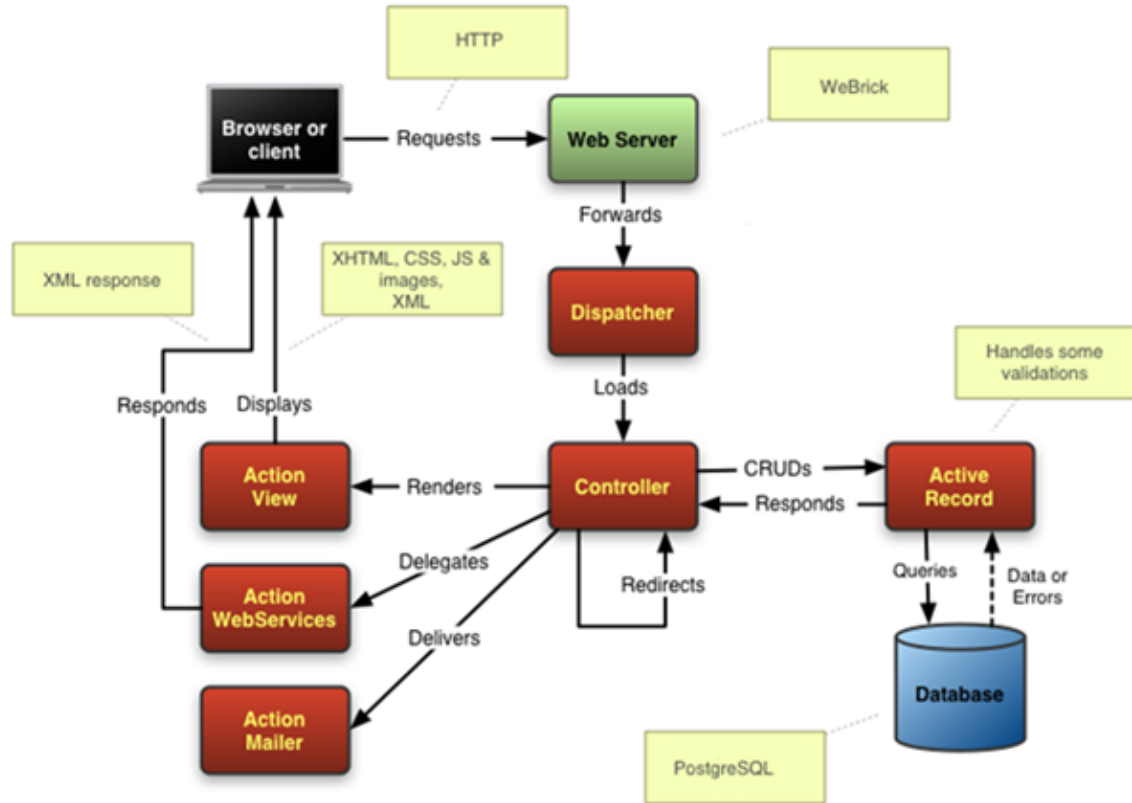
Timesheet Management

Versiunea 1.1
13 ianuarie 2014

Cuprins

1. Arhitectura aplicației
2. Tehnologii folosite
3. Schema bazei de date
4. *Use case*-uri
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1. Arhitectura aplicației



2. Tehnologii folosite

- Back-end:

Ruby 2.0 - limbaj de programare

- beneficii: orientat pe obiecte, “highly portable”

Ruby on Rails 4.0 - framework

- beneficii: dedicat aplicatiilor web, MVC, web-server simplu (WEBrick), build system (Rake)

Devise 3.2 - autentificare

- rol: Database Authenticatable, Confirmable, Recoverable, Registerable, Timeoutable, Validatable

2. Tehnologii folosite (continuare)

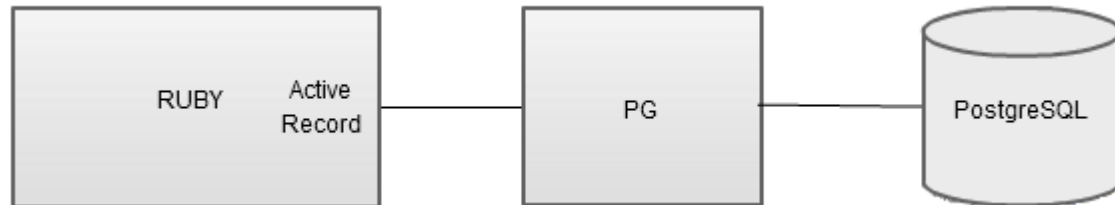
- Back-end:

Cancan 1.6 - accesul utilizatorilor la resurse

Role model 0.8 - rolurile utilizatorilor

RABL 0.9 - schimburi de date JSON (în aplicație)

PostgreSQL 9.3 + PG 0.17 - baza de date



2. Tehnologii folosite (continua)

- Front-end:

HTML5

CSS3

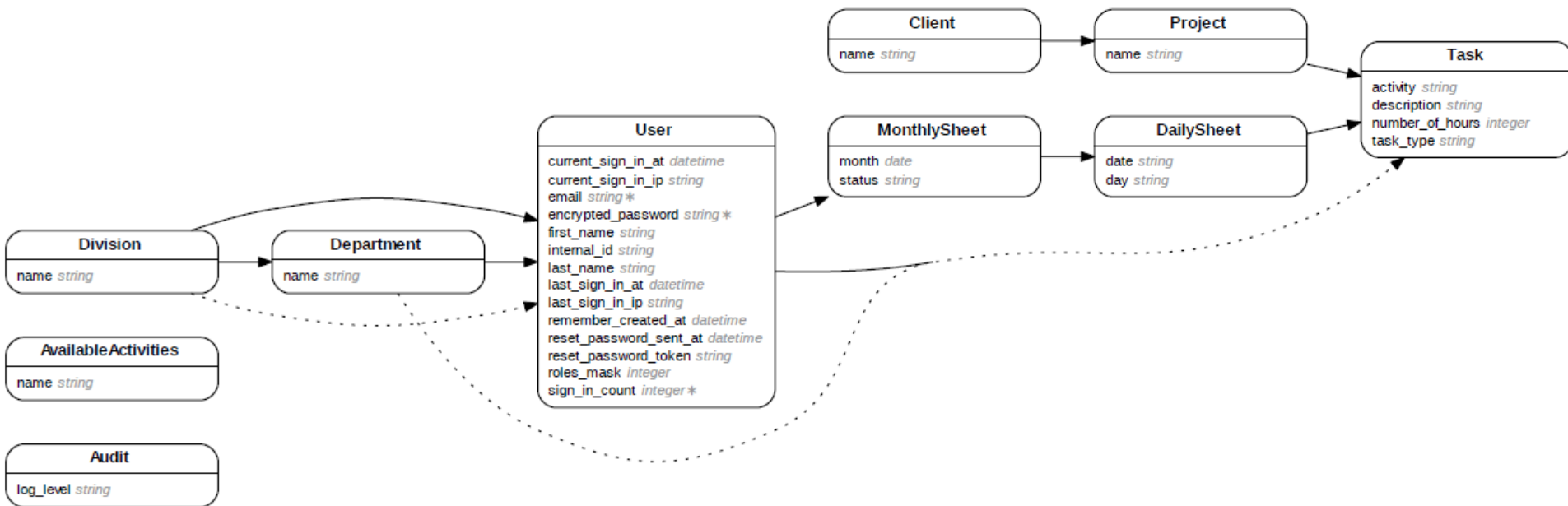
JavaScript

jQuery 1.10.2

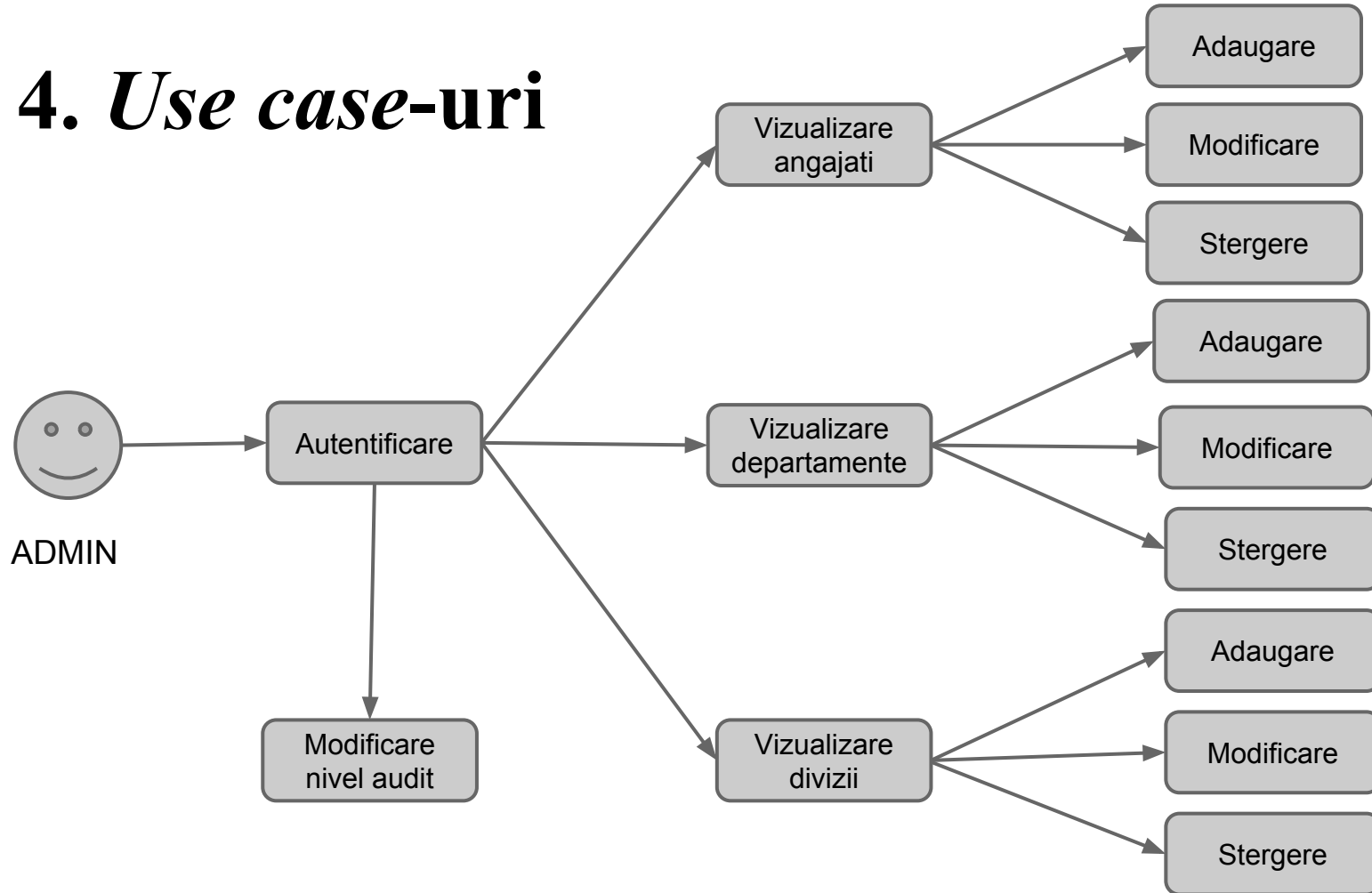
Flat UI 2.1.1

amChart

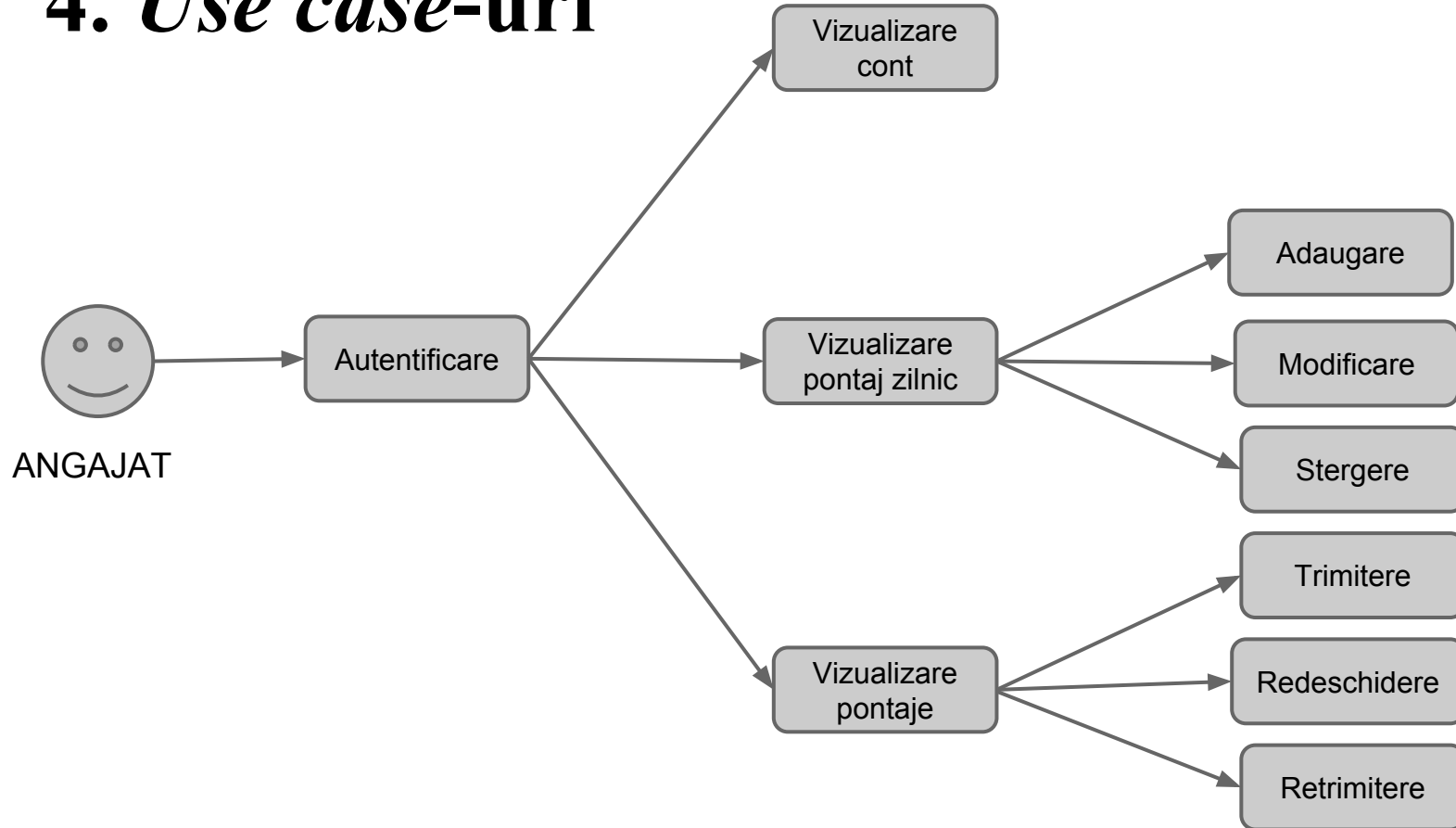
3. Schema bazei de date



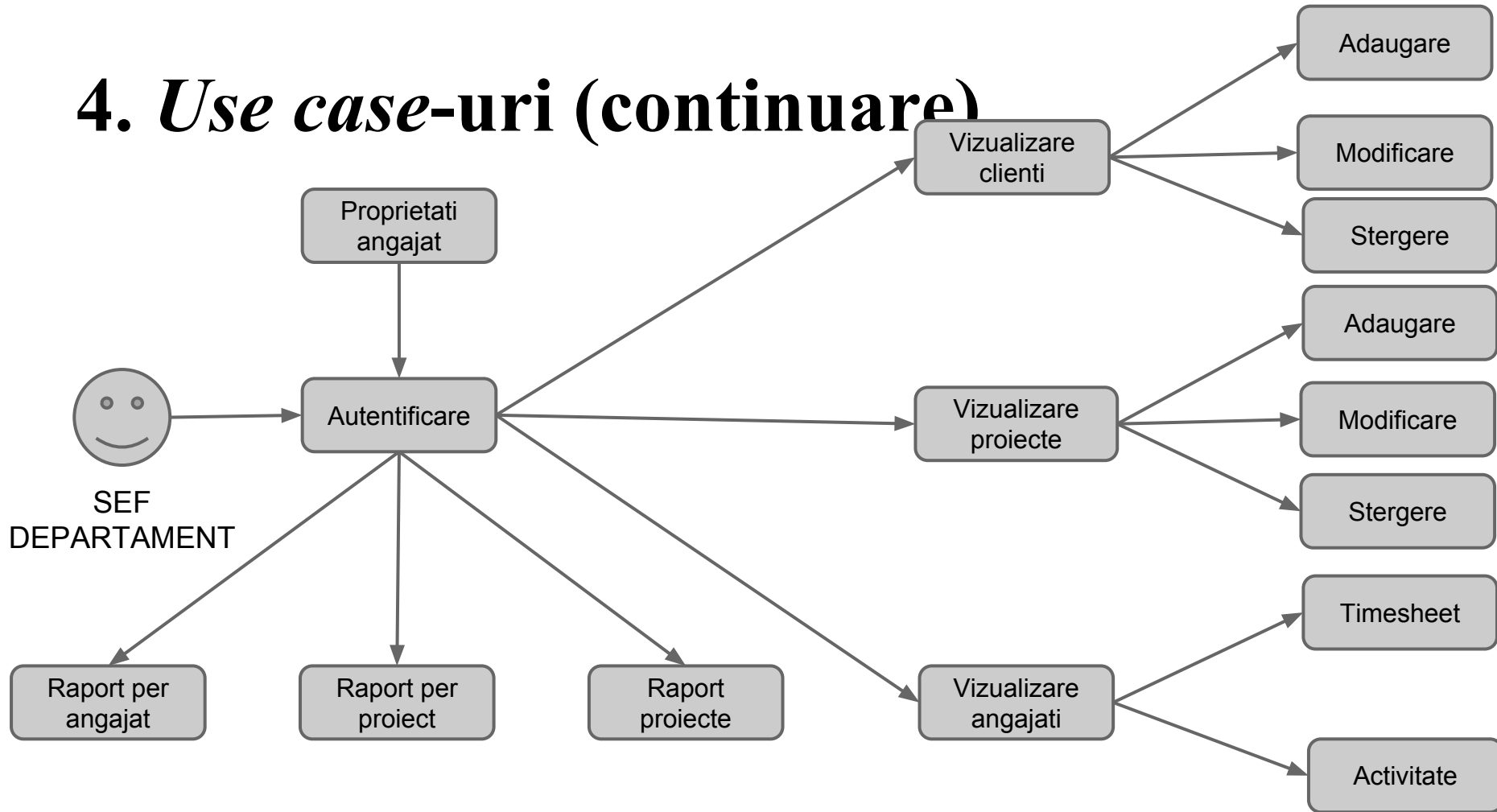
4. *Use case-uri*



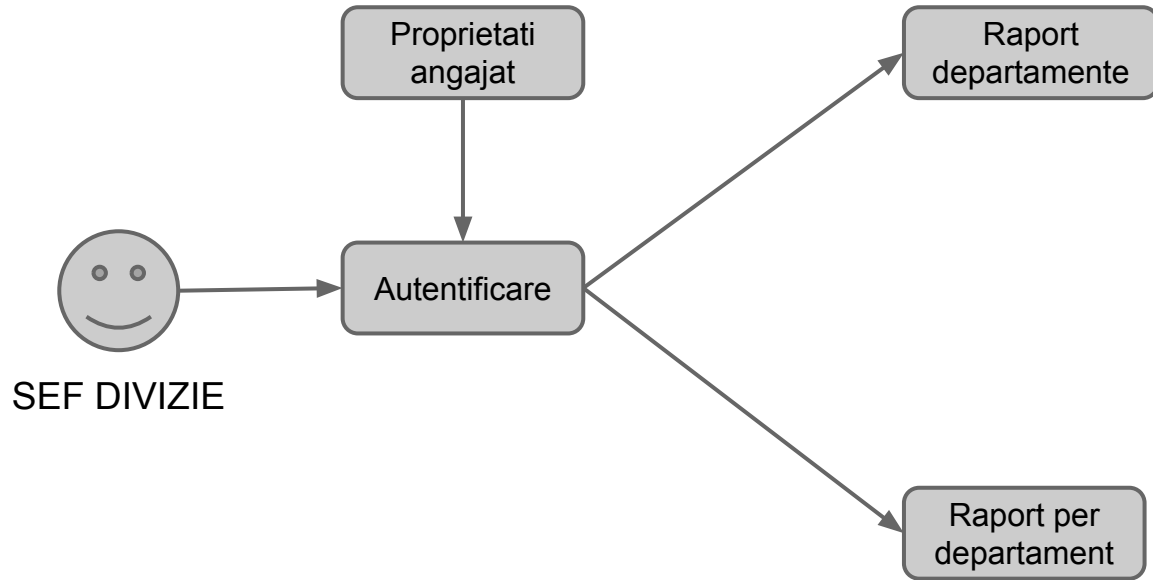
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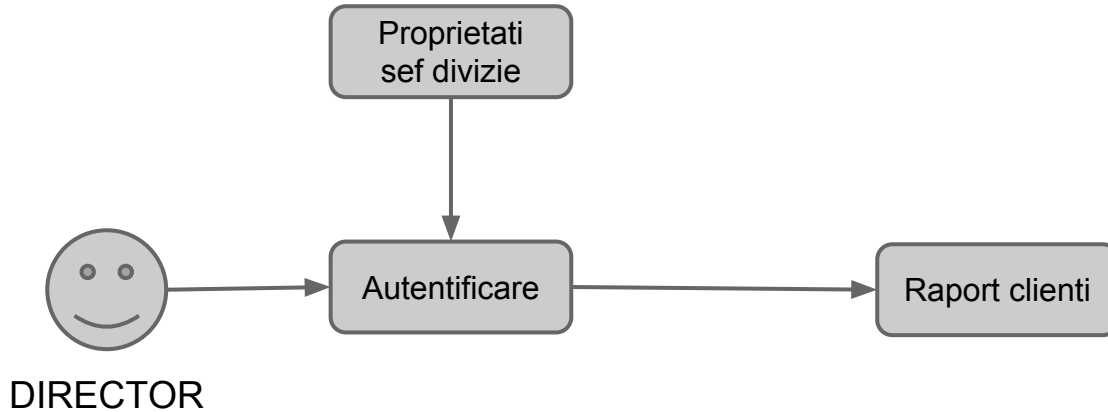
4. *Use case-uri* (continuare)



4. *Use case-uri* (continua)



4. *Use case-uri* (continua)



5. The Team

Adrian Boulescu 341C2 - Front-end Developer

Andrei Gliga 342C5 - Full stack Developer

Dragoș-Bogdan Sima - Back-end Developer & QA Tester

Îndrumător:

Sorin Ciolofan