**Aplicaţii web pentru baze de date**

**Master Anul 1**

# Cerinţele proiectului  II  (30%)  deadline 18.06

Create a RestAPI in a Spring Cloud architecture demonstrating:

1) Microservices configuration management using **Spring Cloud Config Server**.
2) Using **Feign Rest Client**
3) Service discovery -- Naming Server **Eureka**
4) Intelligent routing, load balancing –**Cloud Load Balancer**
5) Visibility: monitoring services/servers **Zipkin Distributed Tracing Server**.
6) Fault tolerance: **Resilience4j** default behavior in case of failure.
7) Deploy with **Docker** and **Kubernetes**.

8) Add swagger documentation of the API.
9) Add error handling.
10) Add HATEOS links.
11) ***WebFlux (optional)