Serverless
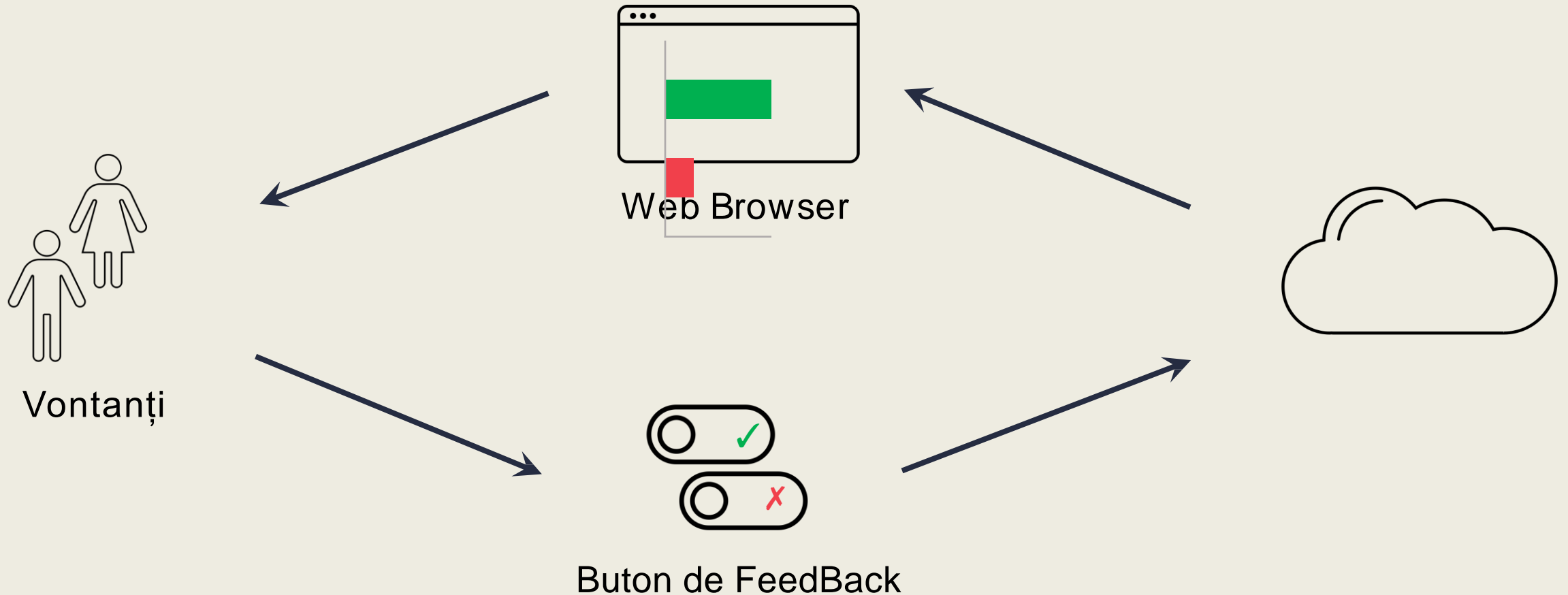
Integrarea Serviciilor

Dr. Cristian KEVORCHIAN
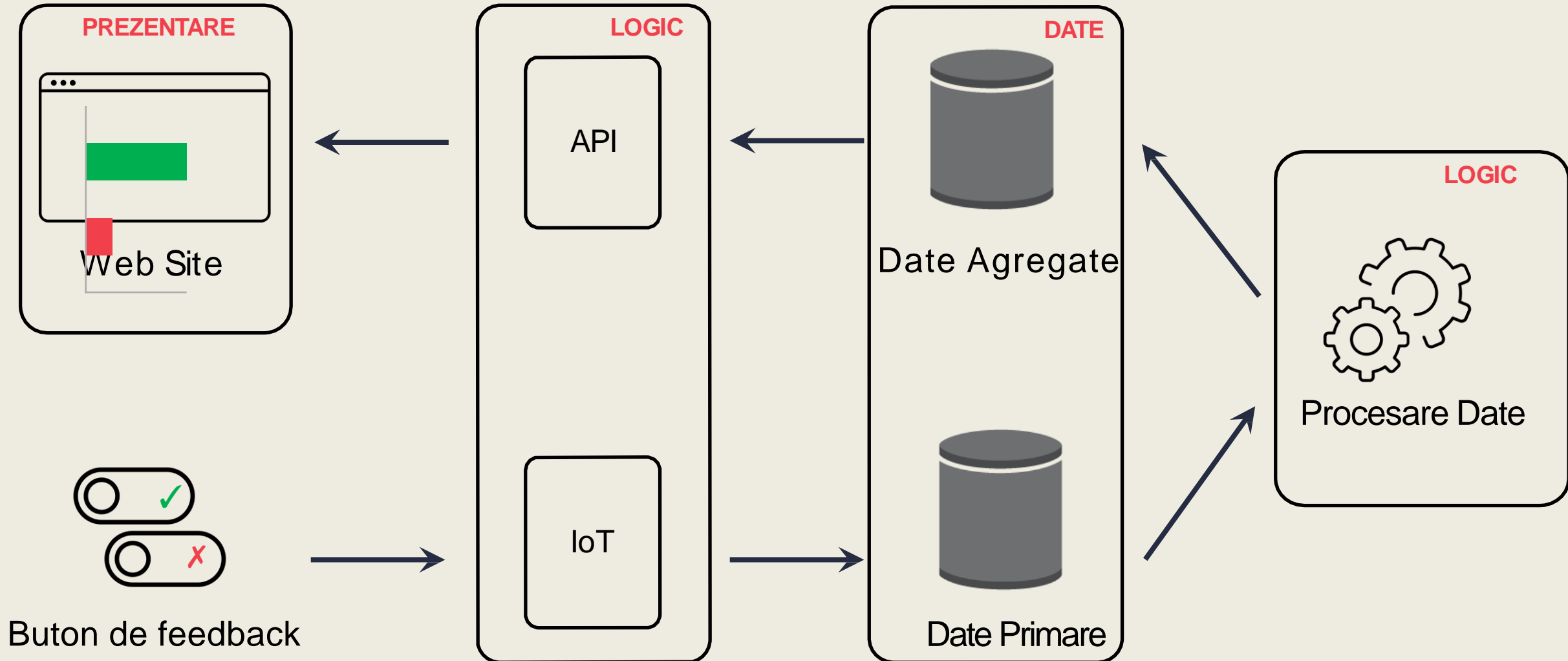
Facultatea de Matematică și Informatică
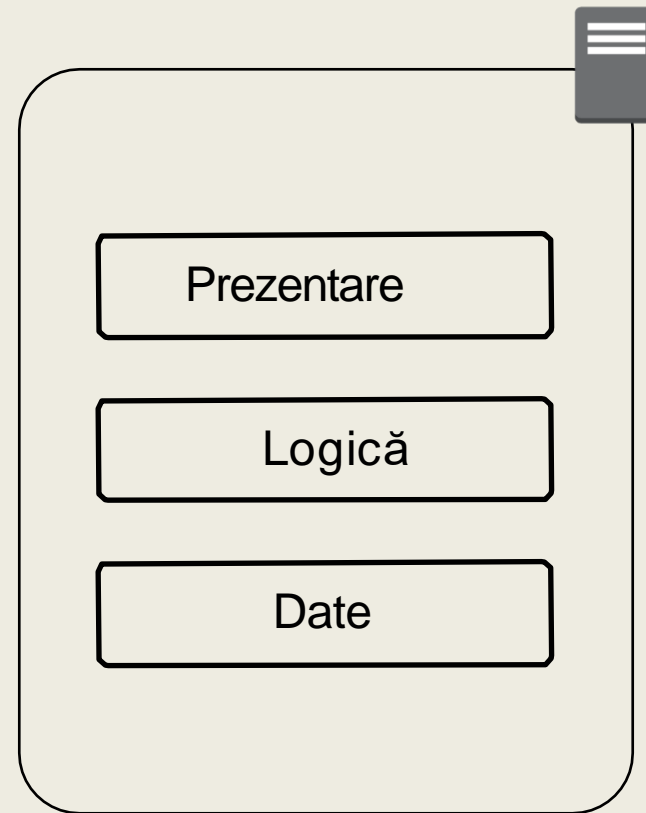
WORKFLOW

Web Browser

Vontanți

Buton de FeedBack

Design Serverless Code

ARCHITECTURA

PREZENTARE

Web Site

LOGIC

API

IoT

Buton de feedback

DATE

Date Agregate

Date Primare

LOGIC

Procesare Date

N-Tire — Un singur server

Prezentare

Logică

Date

Prezentare
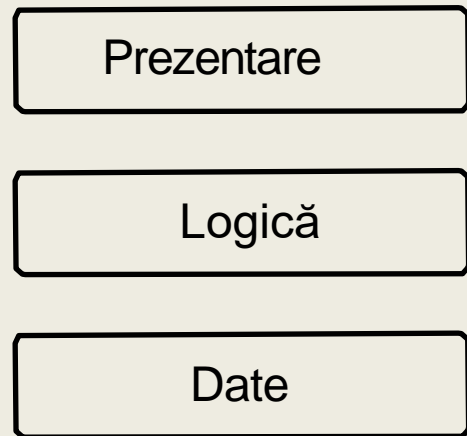
Logică

Date

Servere Multiple

FAILOVER & SCALARE
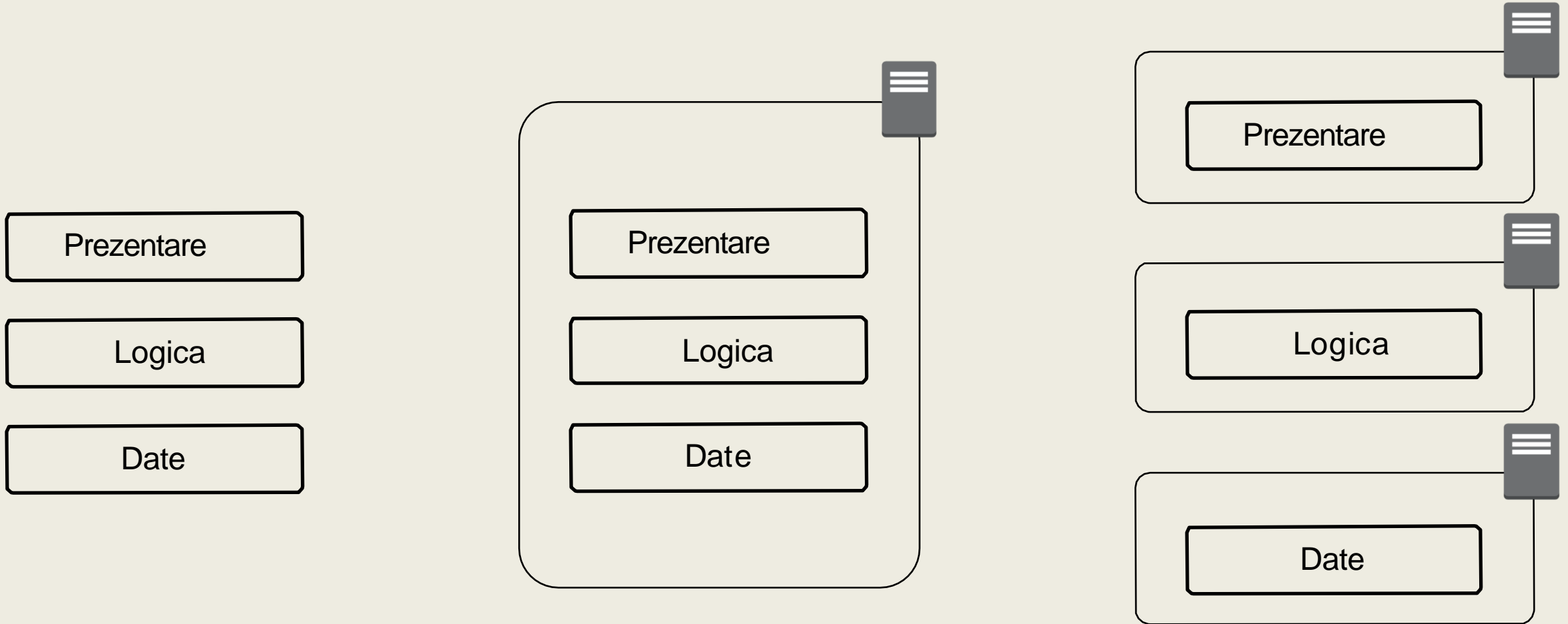
Load Balancer → Prezentare Reprezentare Reprezentare → Load Balancer → Logica Reprezentare Reprezentare → Load Balancer → Baza de Date Reprezentare
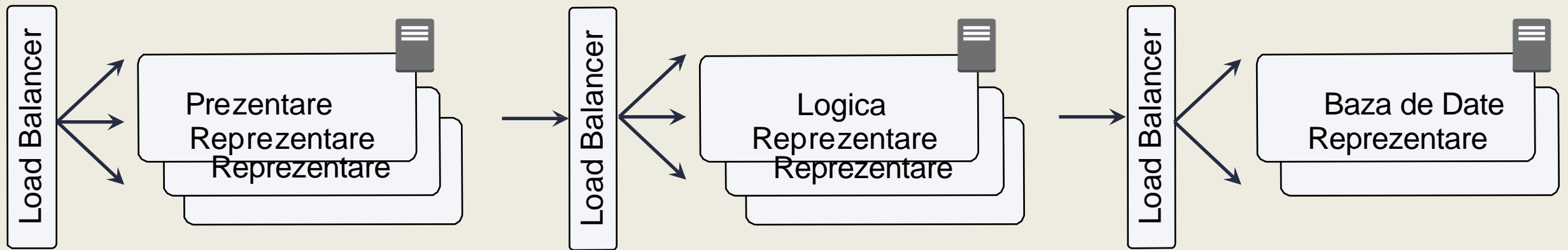
SERVERLESS

GOOGLE | MICROSOFT

Cloud Storage

Azure
Blob Storage

LOGICA
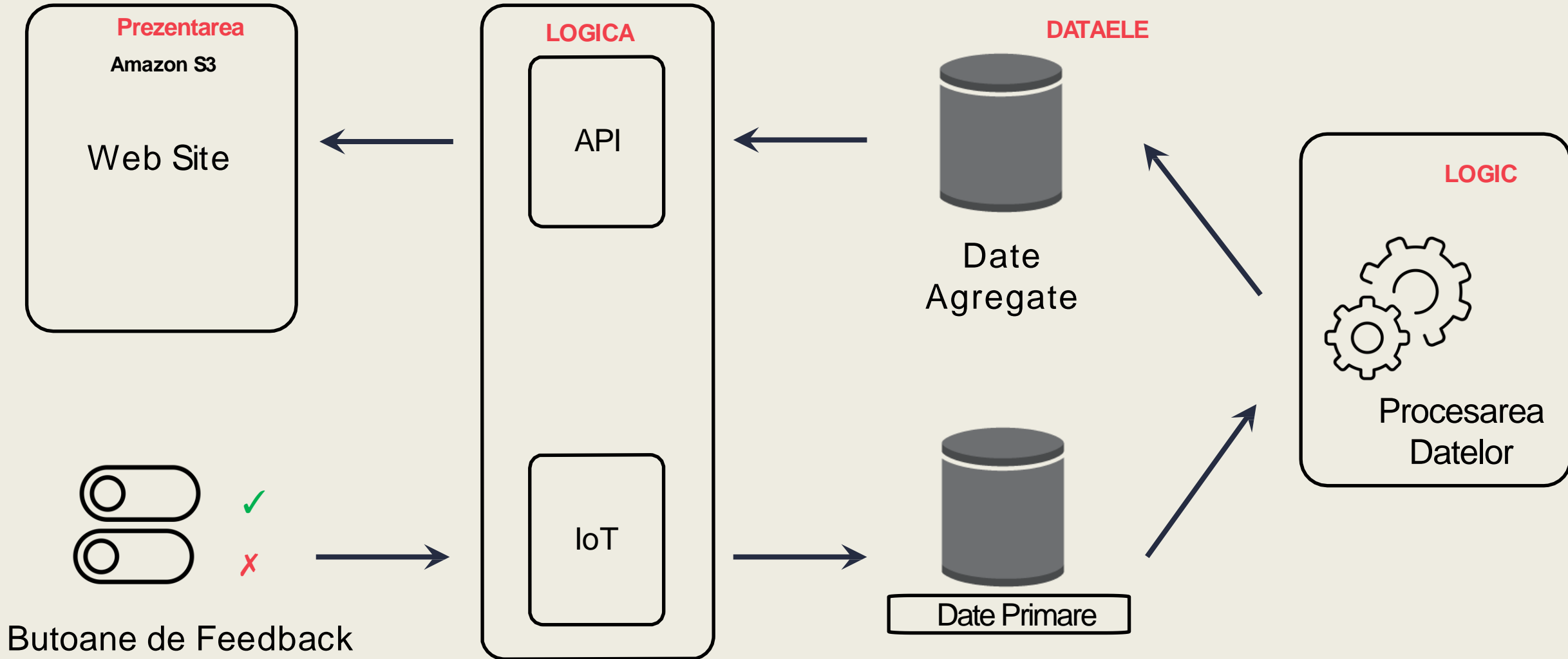
GOOGLE	MICROSOFT
Cloud Endpoints	Azure API Apps
Cloud Functions	Azure Functions
IoT Solutions	Azure IoT Suite

DATE
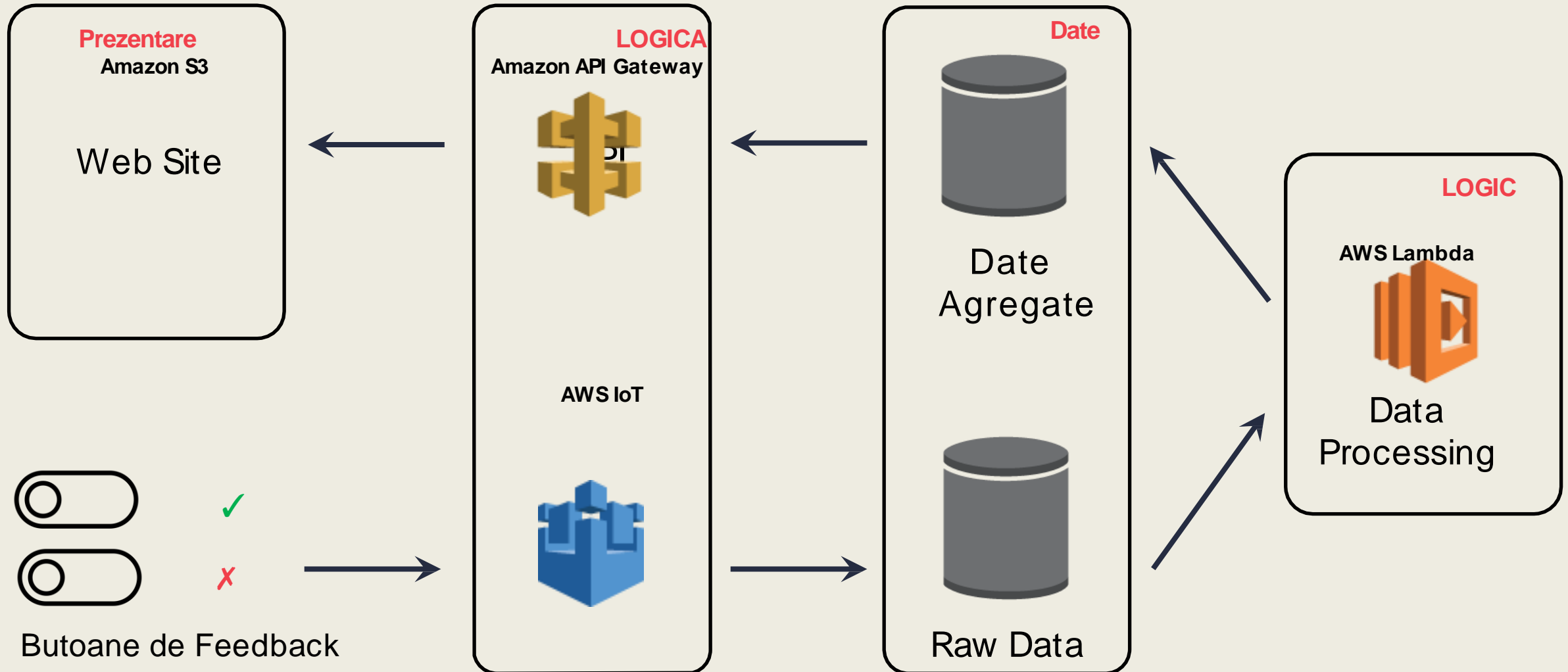
DATA
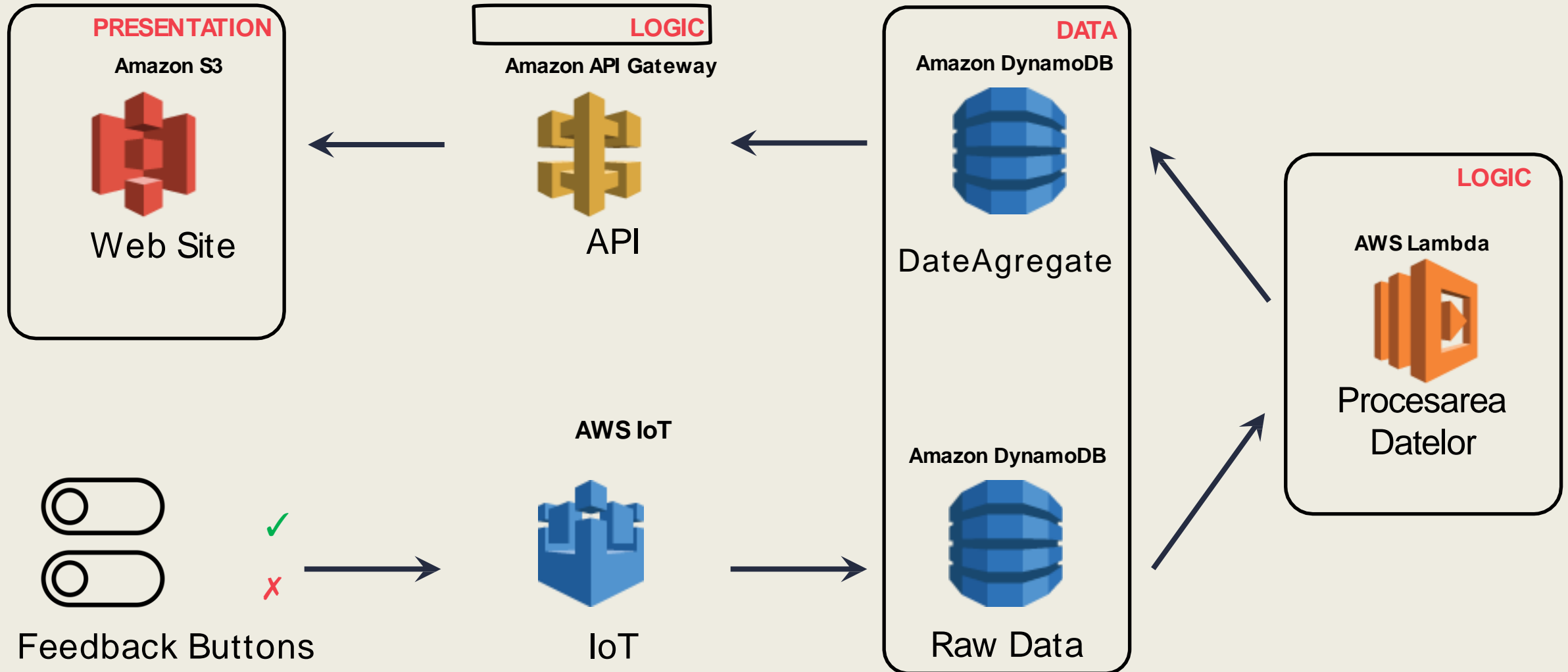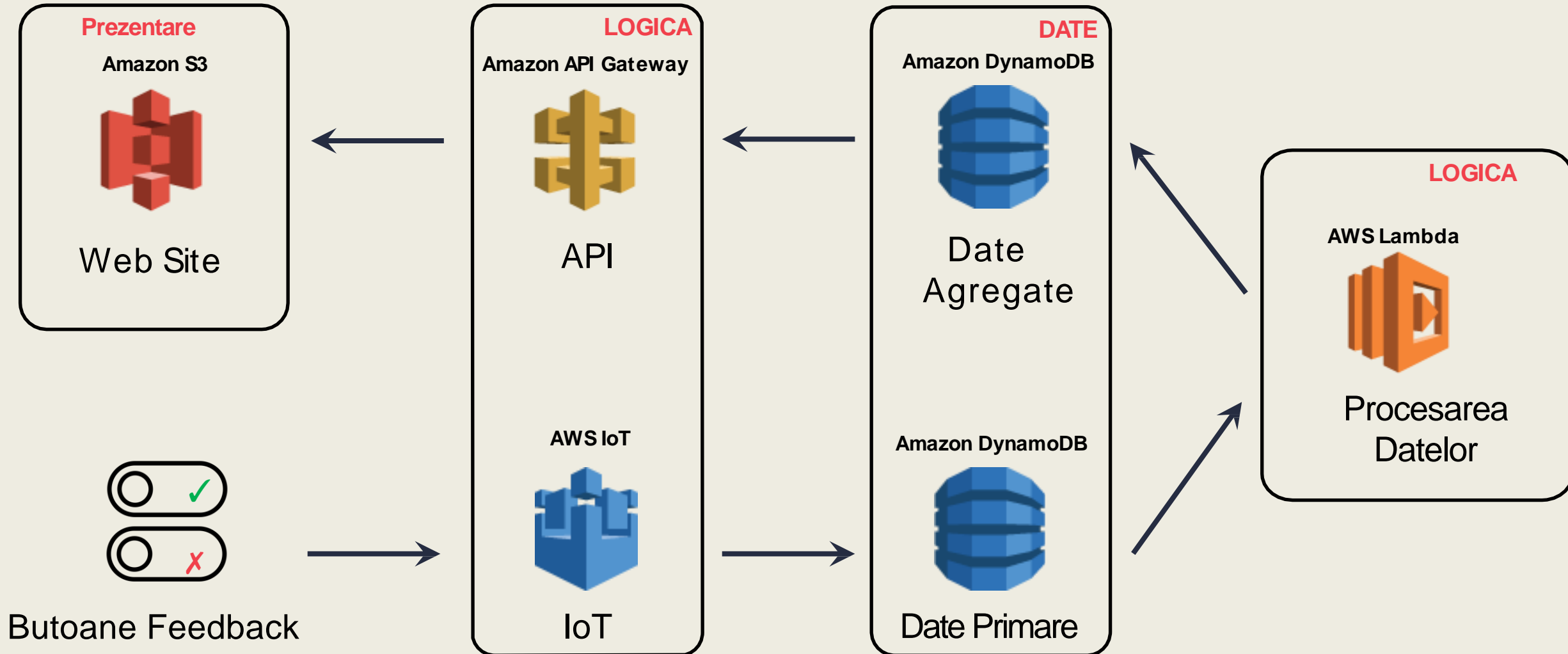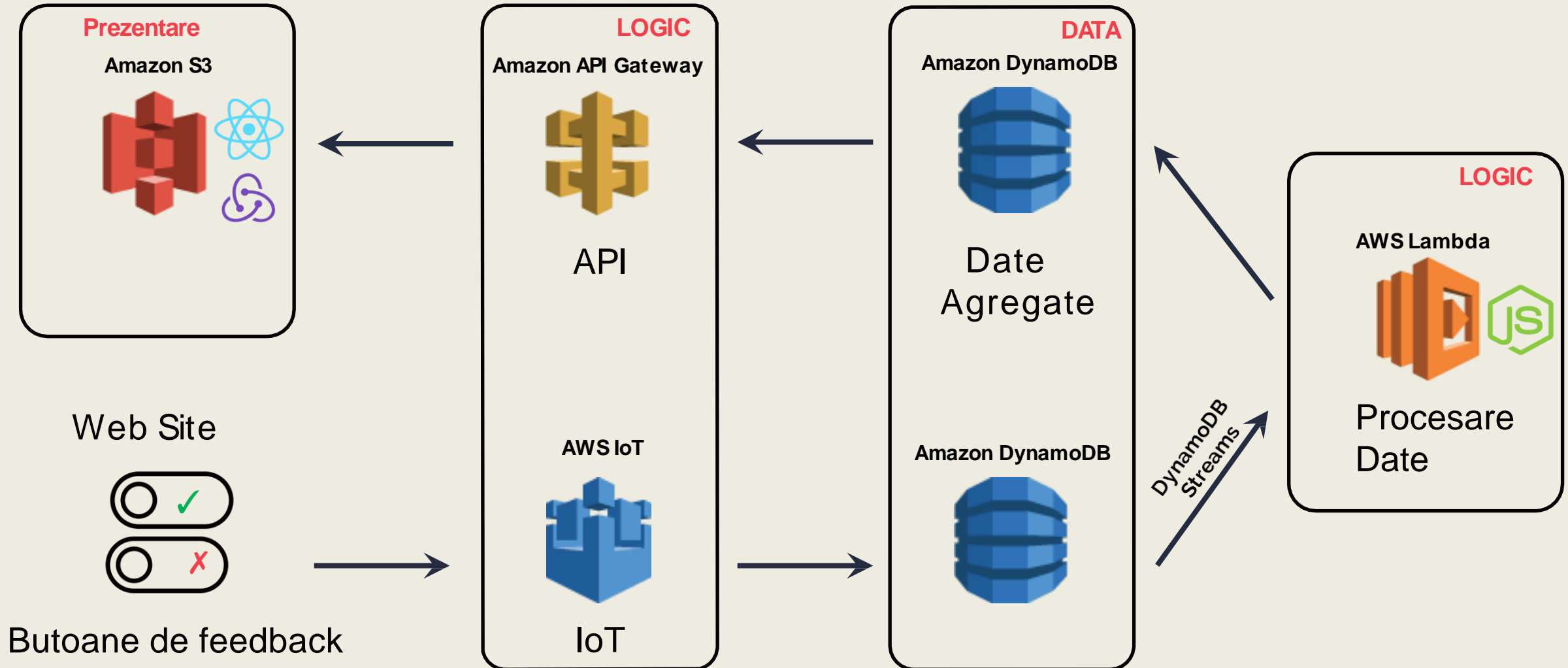
GOOGLE | MICROSOFT

Cloud Data Store

Azure DocumentDB

Varianta CC

FRAMEWORK-uri

+

Scalabil

Mentenanță gratis

Costuri reduse

Implementare rapidă

-

Cloud Captiv

Testare

Debugging

Câteva texte interesante…

AWS Serverless Multi-tier Architectures – AWS Whitepages

What is Serverless Computing? Exploring Azure Functions– Scott Hanselman's

AWS Lambda for Serverless Java Developers: What's in It for You?

Serverless Architectures – Blog-ul lui Martin Fowler

Mulțumesc!