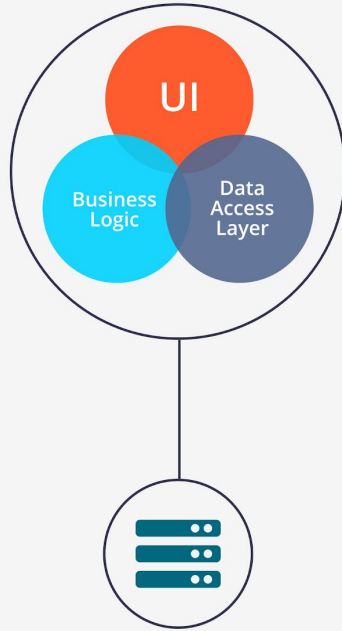# Drink and Delight

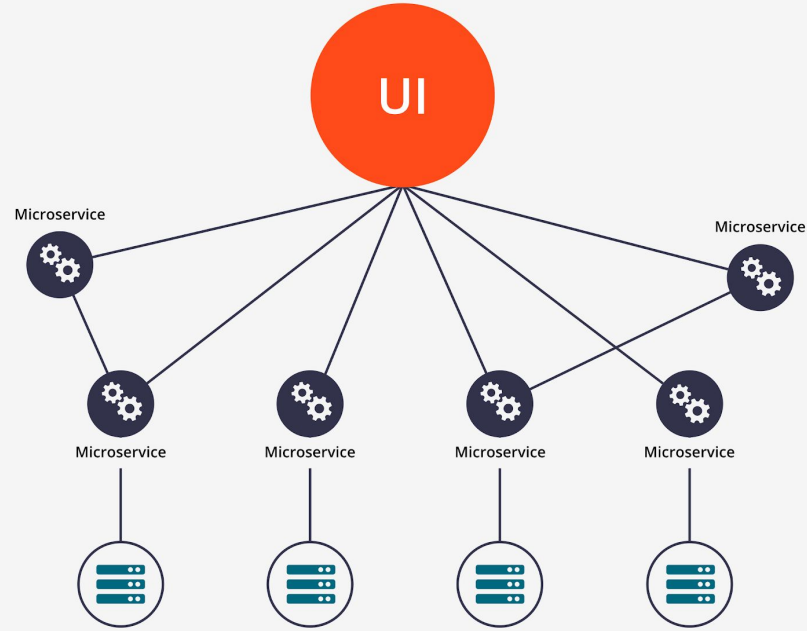**Inventory management software**

Scrum development team

- Atal Kumar (Scrum Master)
- Ayushi Goyal
- Harshit Verma
- Mukul Garg
- Mohit Kumar

Architecture Design

Monolithic Architecture

Microservice Architecture

Characteristics of Microservices

Small and focussed: The "micro" in microservices is about scope, not size and is focussed towards a specific problem.

Bounded Context: Microservices are independent of the underlying architecture of other microservices.

Language neutral: Different microservices application can be written in a different programming language and communication with microservices is done through REST API (an HTTP-based resource API).
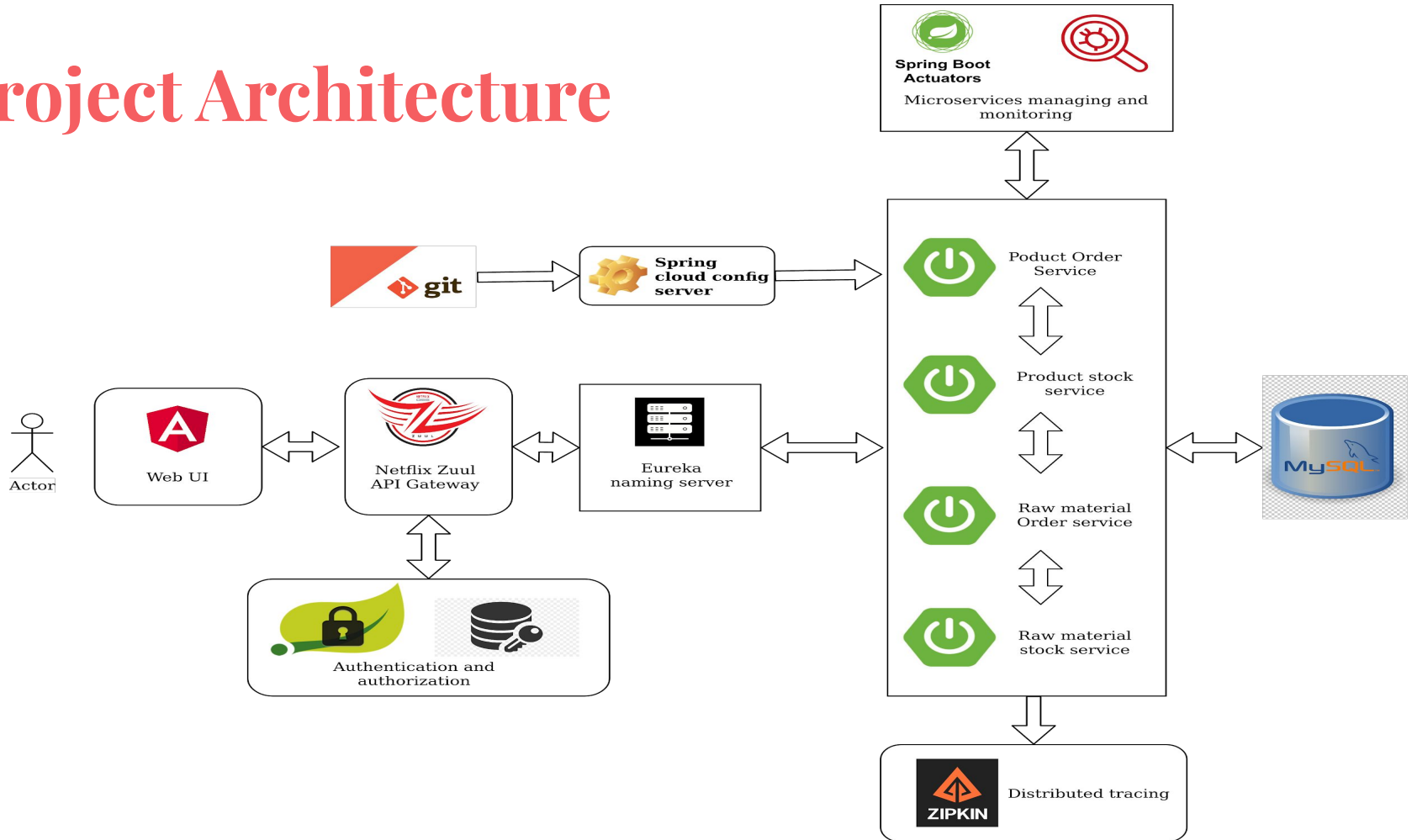
Loosely coupled: This essential characteristics enables organizations to deploy rapidly and frequently

Multiple code base: Each microservice has its own code base
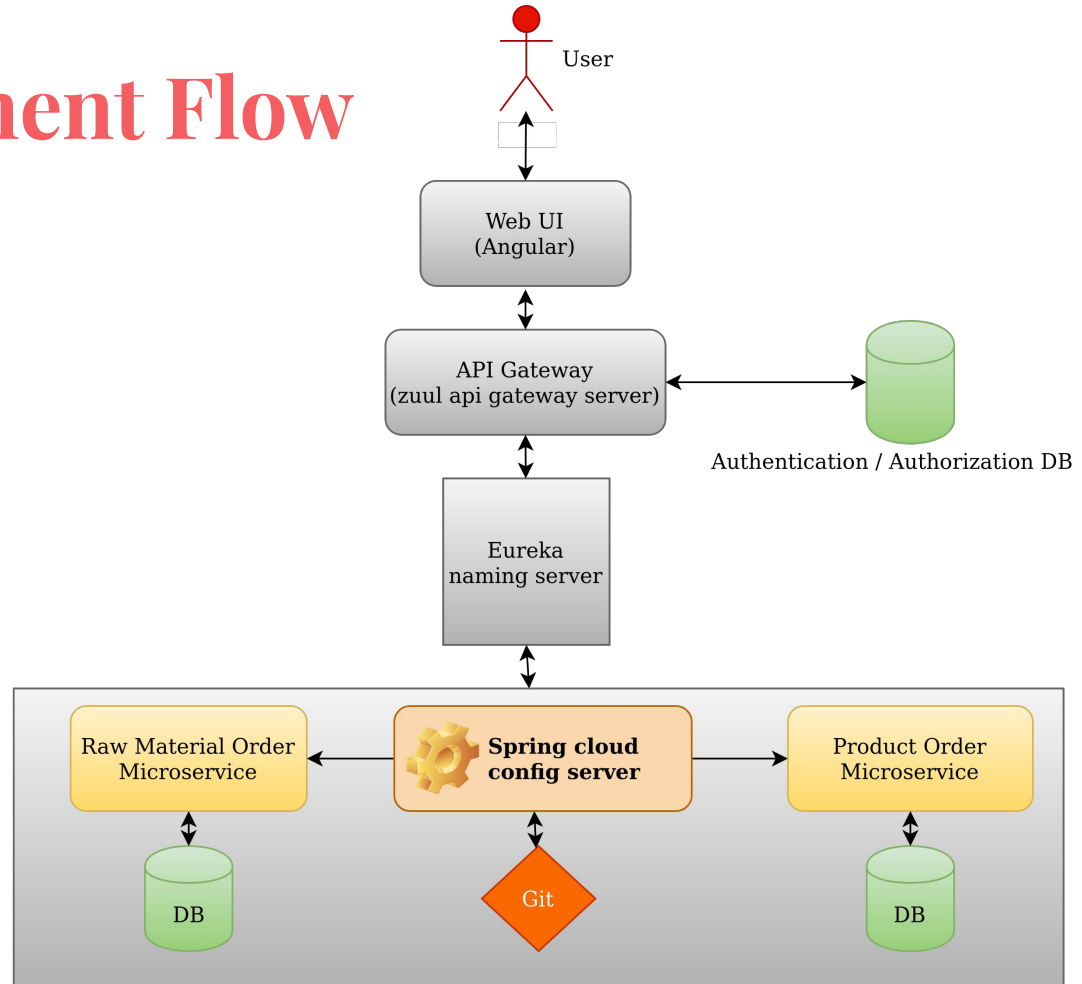
Framework in use

Spring Boot Features

1. Spring-Application
2. Lazy Initialization
3. Admin Features
4. Security
5. Logging
6. Caching
7. Kotlin Support
8. Validation
9. JSON
10. Testing
11. Task Execution and Scheduling

Project Architecture

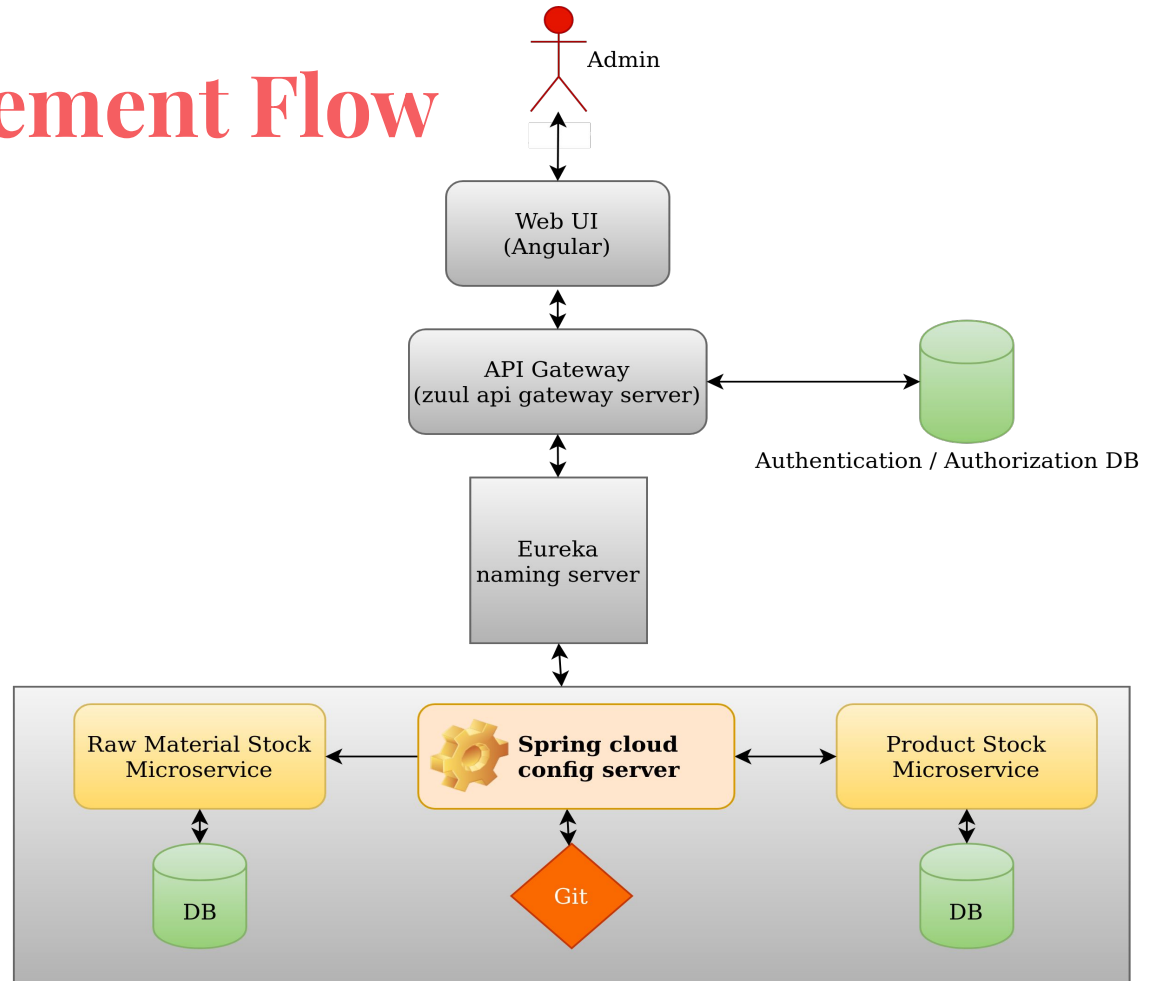# Project Flow
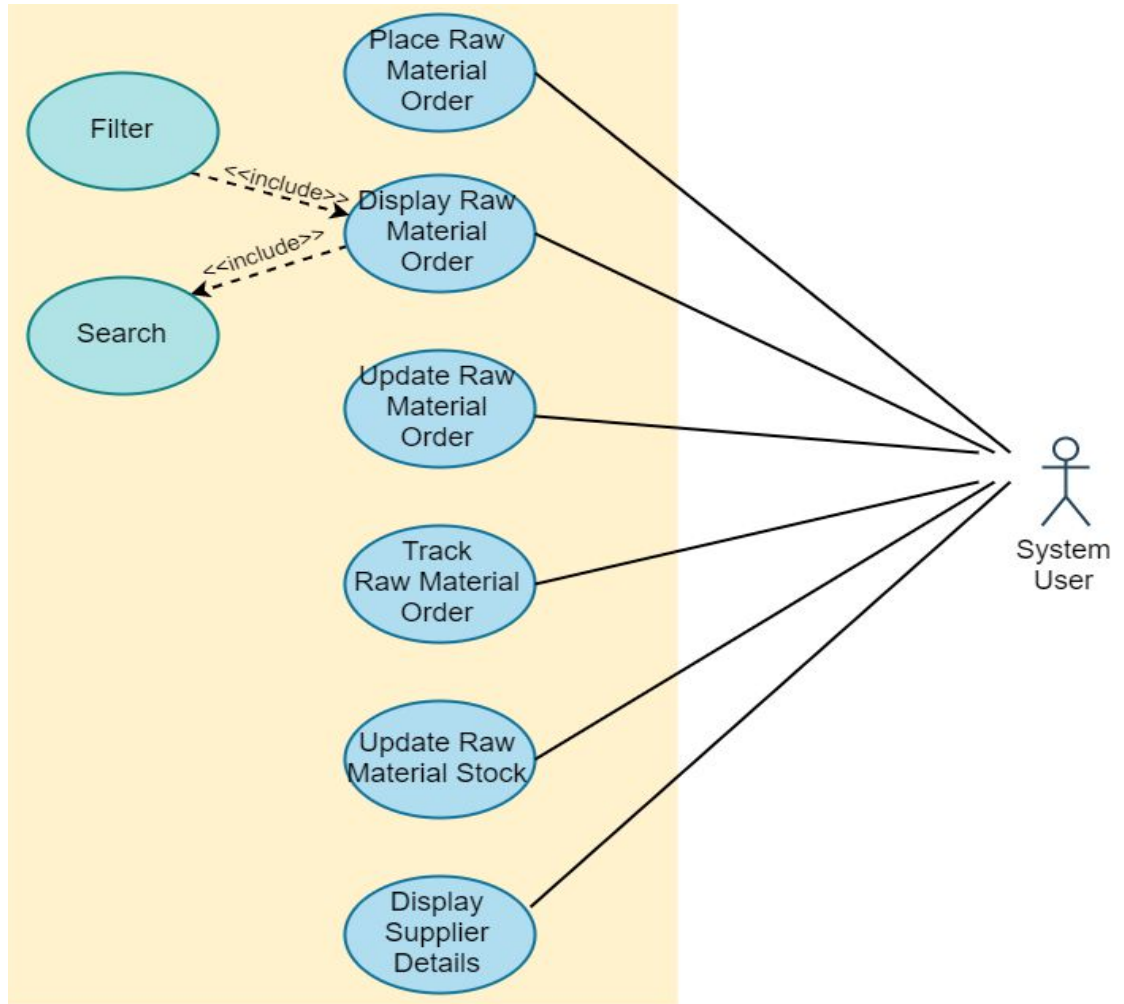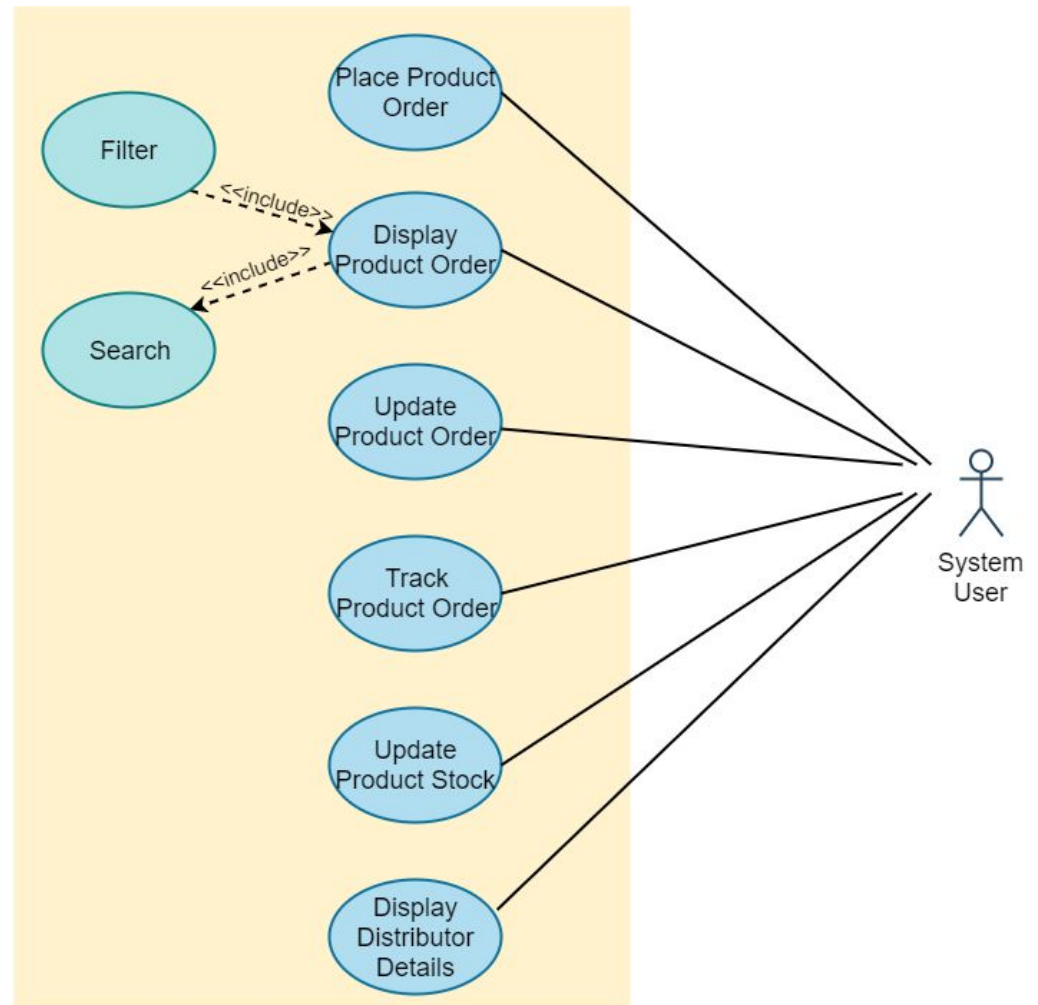
Order Management Flow

Stock Management Flow

Use Case Diagram

Raw Material

Product

Thank you