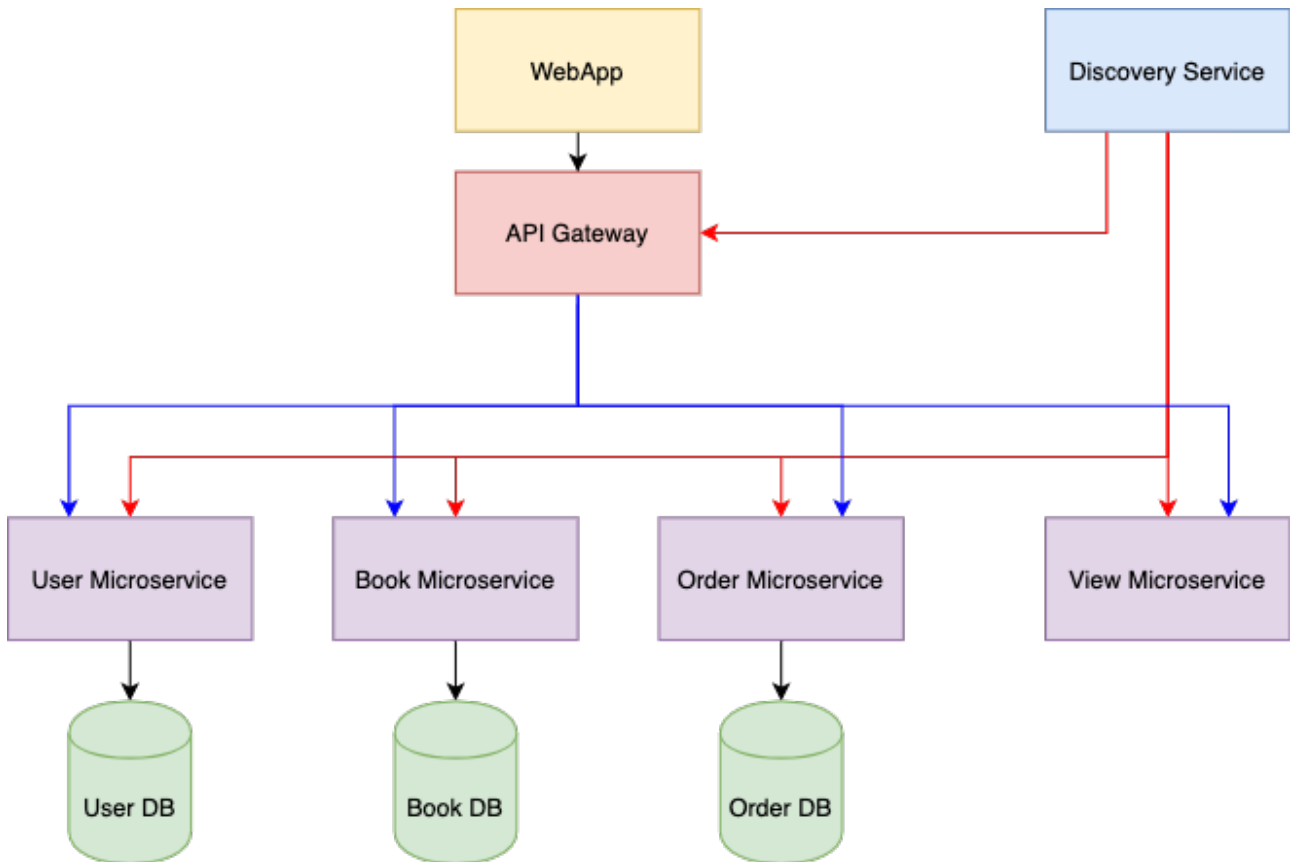# Online Book store Management System

Services

- **User-Service:** Responsible for handle authentication process of the system, auth-user retrieve , auth-user store. It connects with User, Role, Permission db tables.
- **Book-Service**: Responsible for book store for all kind users.
- **Order-Service:** Responsible for handling orders which placed by buyers for the products.
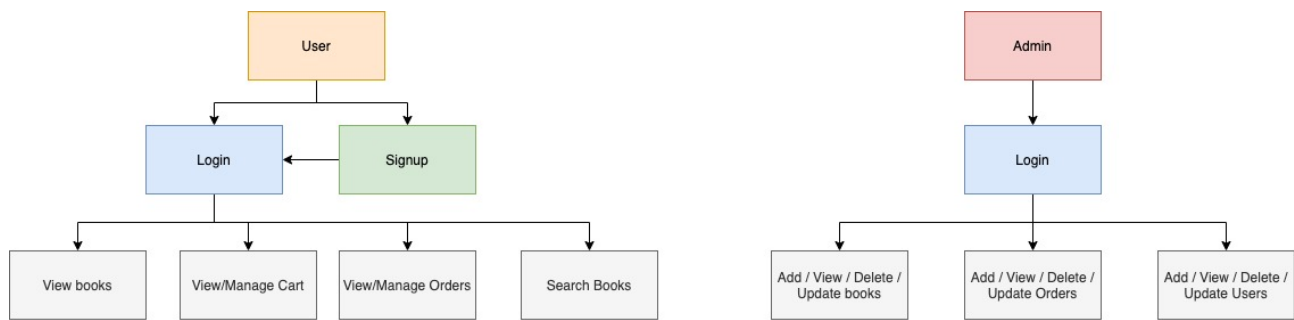
Gateway

- **API-Gateway: Netflix Zuul API Gateway** (Load balancing also done)
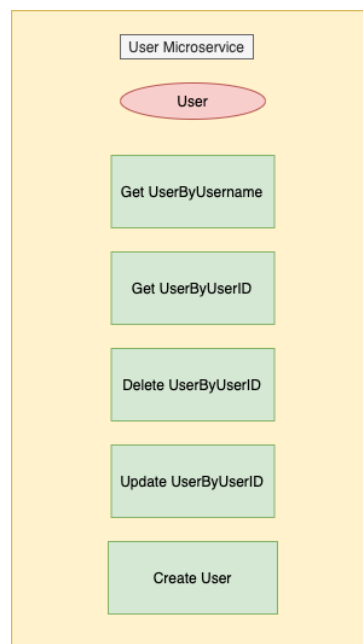
DB

- **Cassandra**

Service Discovery

- **Eureka** *(Host on GitHub repository , endpoints):* Created on LocalHost.

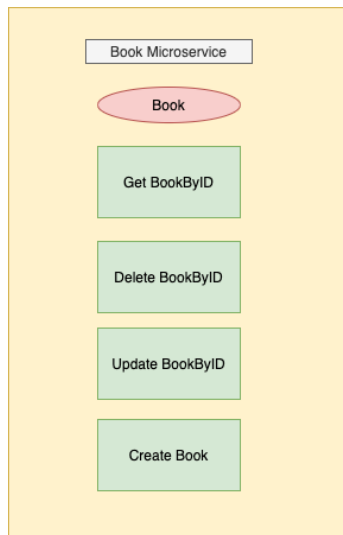
User-Service:

Usage: Spring Security Authorization filter.

User: UserID *(PK)* ,Username *(Unique)* , Name, DOB, Email, Password, PhoneNo.,
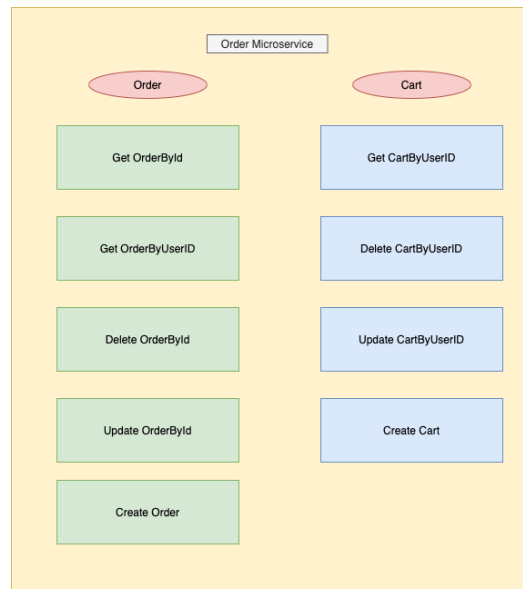

Book-Service:

Details : BookID *(PK) ,* Name , Description , Price, Year, ISBN, AuthorName, Category, Quantity.

Order-Service:

OrderDetails : OrderID *(PK)* , DateOfOrder , UserID, BookID
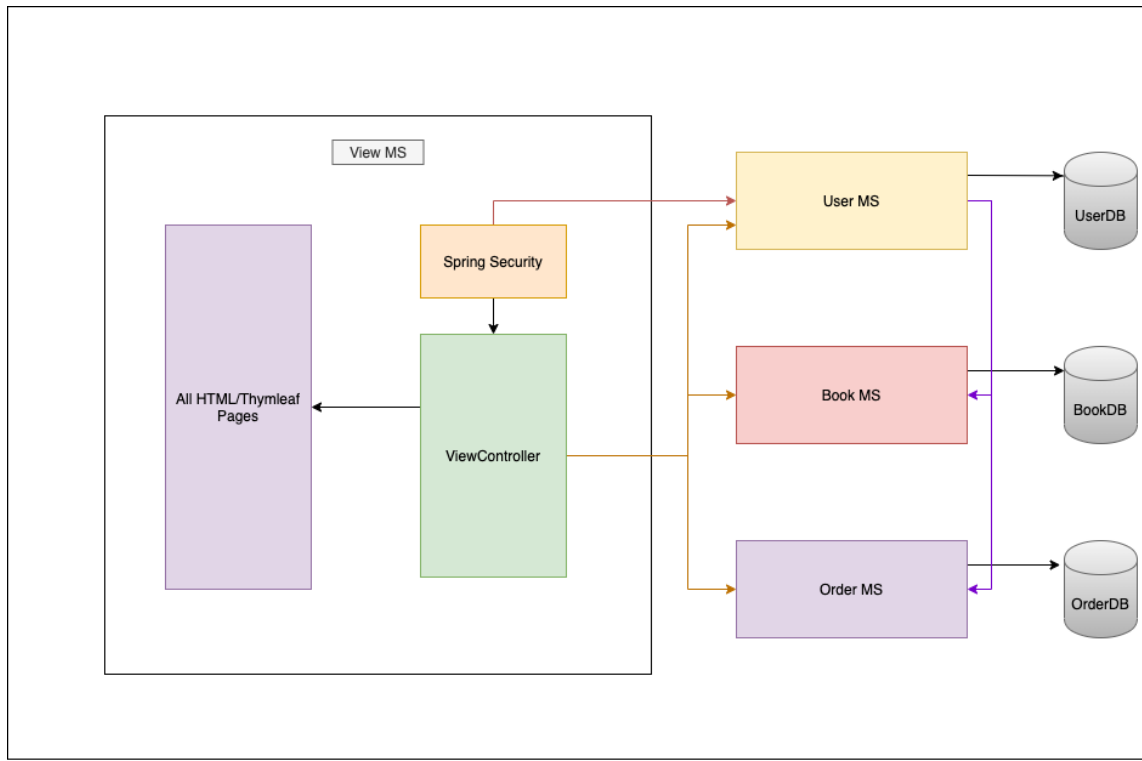**CartDetails :** UserID(PK), Books and Quantity (Map)

Endpoints:

/Users/Login
/Users/Signup
/Users

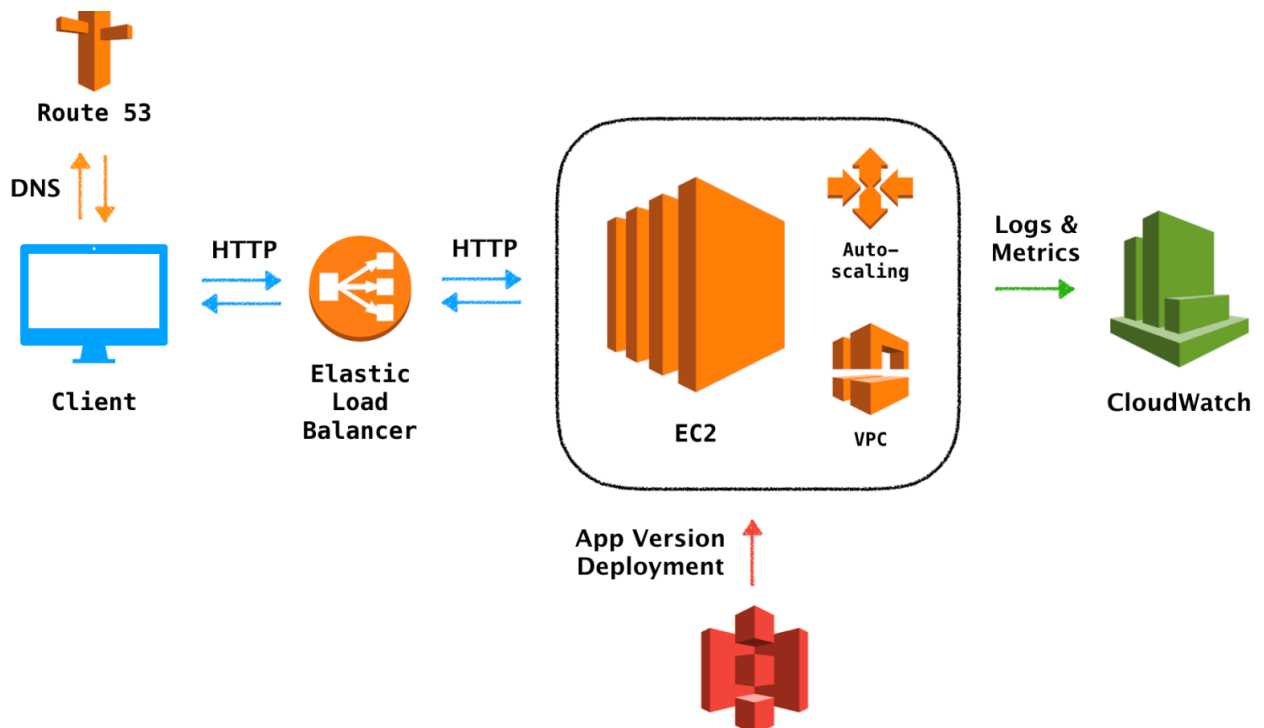/Books/{id}
/Books

/Orders/{id}
/Orders

Front end
- HTML
- CSS
- JS

AWS

Elastic BeanStalk Working.

Design of Deployment

Book

Order

User

View

Discovery

Gateway

Docker Images

Docker Hub

Dockerrun.aws.json

JSON

AWS Elastic
BeanStalk