## LOGIC VIEW

**User**
- String email
- String name
- String surname
- String profilePicture
- String gender
- String age
- String address

**Order**
- Number id
- String productJson
- LocalDateTime createdAt
- String state
- String email

Split
Create
Change state
Edit profile data

0..*
1
1
1
0..*

Admin creates product
Has
Aplies to

**Product**
- Number id
- String name
- String description
- Number stock
- Map <String, String> attributes

**Rule**
- String attribute
- ComparisonOperator comparisonOperator
- Set<Object> values
- String scope
- ScopeStrategy scopeStrategy

0..*
1..*
Aplies to
1..*
1..*

LOGIC VIEW

## DEVELOPMENT VIEW

<<execution environment>>
Docker Compose

<<component>> UI

<<framework>> Spring Boot

<<component>> Backend API (Java)

<<artifact>> DB

<<component>> Frontend Logic Model (TypeScript)

<<framework>> Angular

<<system>> Mail Service API

DEVELOPMENT VIEW

## PROCESS VIEW

<<process>> Web server

<<process>> Backend API

<<process>> DB

<<process>> Browser

<<process>> Mail Service API

PROCESS VIEW

## PHYSICAL VIEW

PHYSICAL VIEW

<<device>> CPU

<<execution environment>> APP

USER

HTTP

<<device>> WEB SERVER

<<execution environment>> NG

WEB PAGE

## QUALITY ATTRIBUTES:

**Security:** All user operations are validated using a JWT token
**Usability:** The system is designed to be intuitive and user-friendly, with an appealing look&feel
**Scalability:** It supports both vertical and horizontal scaling to accommodate growth efficiently

## SCENARIOS VIEW

SCENARIOS VIEW

USER

Sign up

Log in

Edit profile

Make an order

Cancel one of your orders

Split your orders before creating them

Process anyone's order

Send anyone's order

Create a product with it's attributes

Increase the stock of a product

ADMIN