

---

# **Sprint 1.MSD:** **Business Domain Design**

S1 • 2020

---

# Overview

## Business Components Design:

- Domain Model
- Business Rules

---

---

# 1. Domain Model

## Business Entities

- Entities and associations
- ORM Model

## Entity Aggregates

- Root Entity
- Components
  - Component Entities
  - Value Objects

---

# Business Rules

## Validation Rules

- Entity Fields Validation rules
- Aggregate Validation rules

## Computation Rules

- Computed Entity Fields
  - Computed Entity Views
-

---

# Use Cases

## Business Workflow Rules

### Business Requirements

- Use Cases
  - (or Usability Scenarios)
  - (or Business Stories)
-

---

## 2. Deliverables

### Domain Model

Entity Class Diagrams

SQL Diagrams

### Business Rules

Business Rules Specifications  
(non-formalized/textual form)

Use Case Diagrams (UML)

---