



DDD TRAINING MODULE

# iSAQB-DDD Day 2:

## Collaborative Process Modelling with EventStorming

---

Discover the power of collaborative modeling in Domain-Driven Design

# What is EventStorming?



## A Family of Collaborative Workshops

EventStorming is based on **collective storytelling** with sticky notes on large modeling surfaces



### Visual

Make processes visible and tangible



### Collaborative

Engage all perspectives in real-time



### Exploration-Focused

Discover processes, not prescribe them

# EventStorming Formats



## Big Picture

- Explore entire business line **25-30 people**



## Process Modelling

- Rigorous modeling with grammar **5-8 people**



## Software Design

- Aggregates & Bounded Contexts **3-5 people**

# The Process Modelling Game – 4 Rules



Systems  
Thinking

1

## Every Path Completed

Ending with **stable state events** like "Contract Signed" or "Onboarding Completed"

2

## Grammar Must Be Respected

Constrained **flow structure** ensures clarity and precision in modeling

3

## Stakeholders Happy

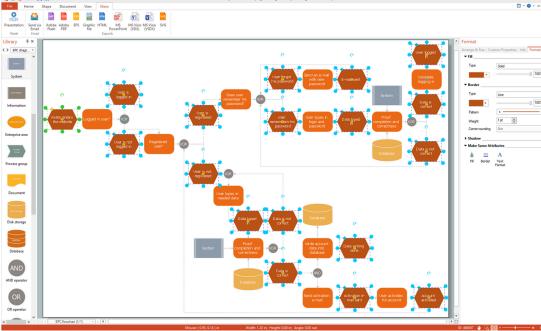
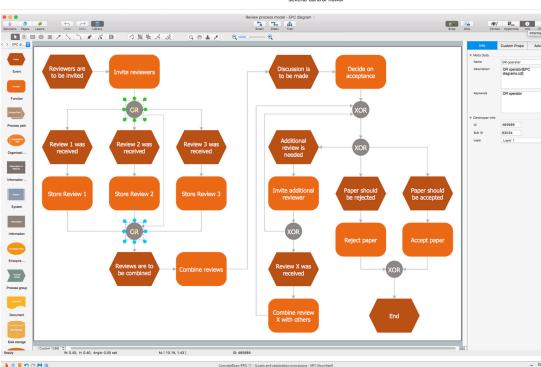
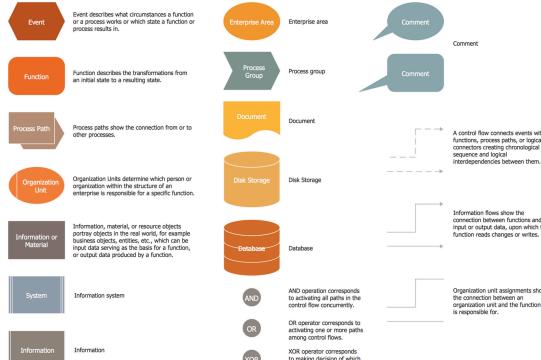
Explore **different perspectives** and axes for value visualization

4

## Every HotSpot Addressed

Make dissent visible, find **solutions for issues** as they emerge

# Process Modelling Grammar – The Flow



## The Recurring Pattern

Cyclical flow until terminal state

- **Read Model** → Information for decisions
- **Command** → User action on system
- **Event** → Result of command
- **Policy** → Reaction: "whenever" / "always" / "immediately"
- **Read Model** → Next iteration



Pattern repeats until terminal state

# Grammar Elements Deep Dive

---



## Read Model

Information for decisions



## Command

Action on system



## Person

Human decision maker



## Cyclical Flow



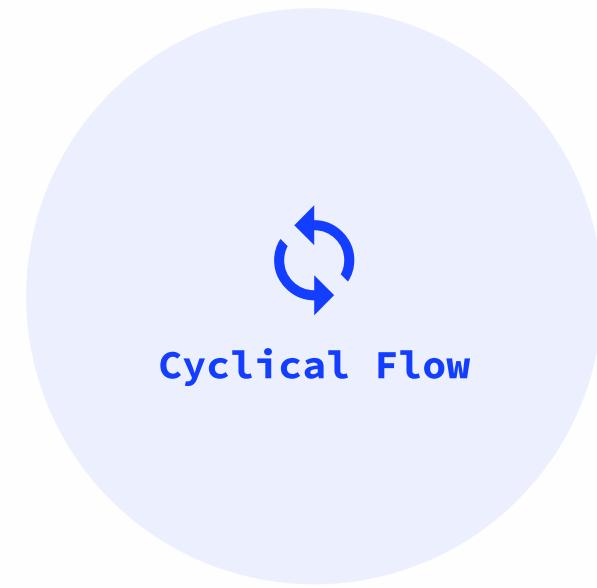
## Event

Result like "Contract Signed"



## Policy

Reaction: "whenever"



# Using EventStorming to Ask Tough Questions

## Policies Reveal Real Behavior

Challenge policies with "always" and "immediately"



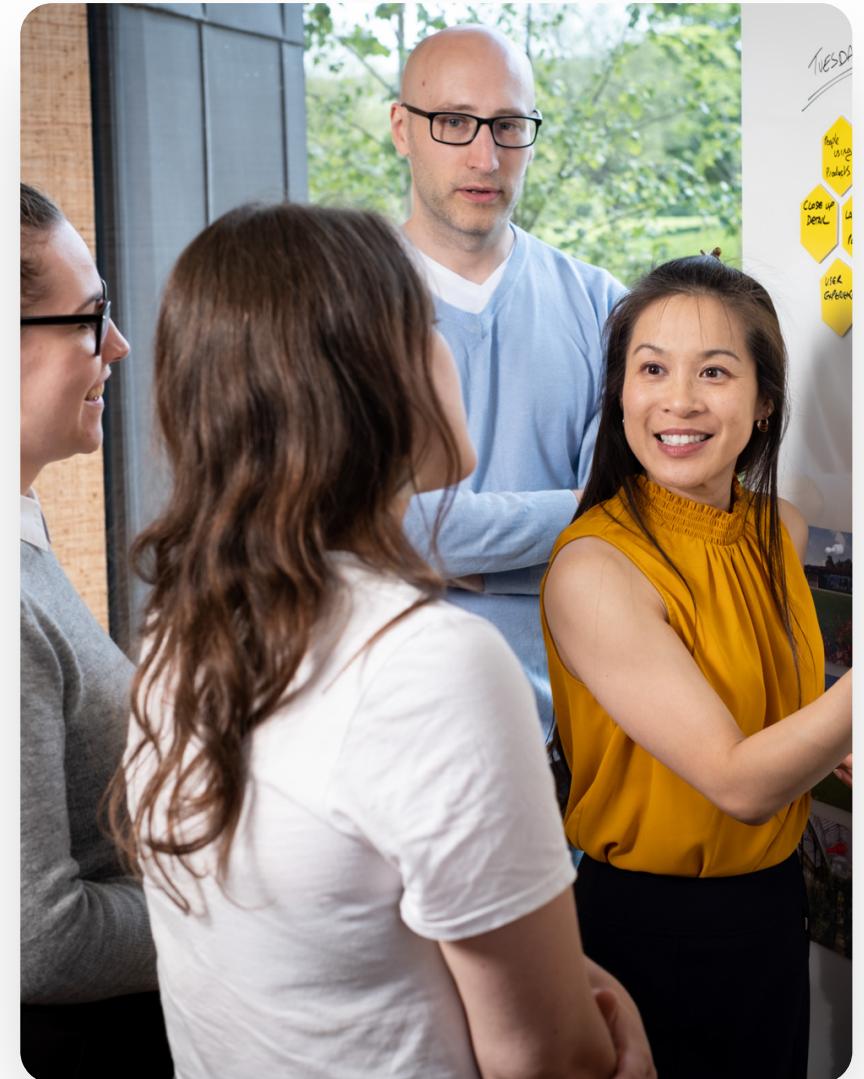
"Do you always schedule a call?"

Reveals: Not on weekends, only working days



### Discoveries Made

- Hidden screening policy
- Automatic welcome message optimization
- 2-day average response time



# Read Models – Opening Pandora's Box

## What Information Supports Decisions?

Questions reveal what organizations really look at

### 🔗 LinkedIn Profile

Even if not provided, we check

### ⚠️ Typos in Application

Major screening factor

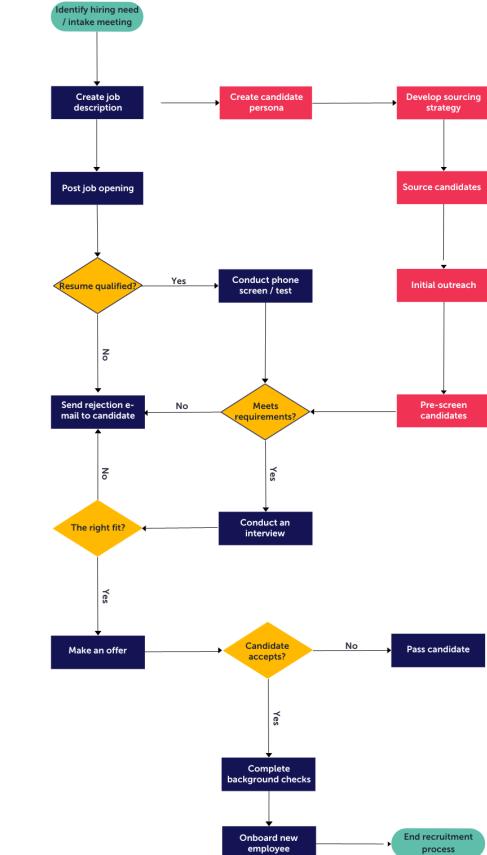
### 🔗 Social Media Screening

Additional checks performed

### ⚠️ Key Concerns

- Privacy
- Equality
- Risk Mitigation

RECRUITMENT PROCESS FLOWCHART  
TEMPLATE



# People and Policies

## Who Makes Decisions?

Policies change frequently and reveal real organizational behavior



### Fast-Track

Superstars skip screening steps, go directly to contract negotiation



### Sponsor-Based

Special candidates recommended by leadership receive VIP treatment



### Double-Check

Discarded list reviewed by check lead to catch missed opportunities



### HR Review

Special cases signaled to HR for rapid processing

#### ADDITIONAL NOTATION USED IN PROCESS MODELING



**Policy:** A business reaction to an event, typically framed as: "Whenever [Event], then [Command]."



**Read Model:** The information needed to make a decision—e.g., price and stock availability before placing an order.



**Command/Action:** An instruction triggered by a user or system, stated in imperative form like "Place Order."

### Real Behavior Revealed

Policies expose how organizations actually operate vs. how they say they operate

# Defining Scope in Workshops



## Key Insight

*"I don't trust any scope defined outside of my workshop."*

### ✗ The Problem

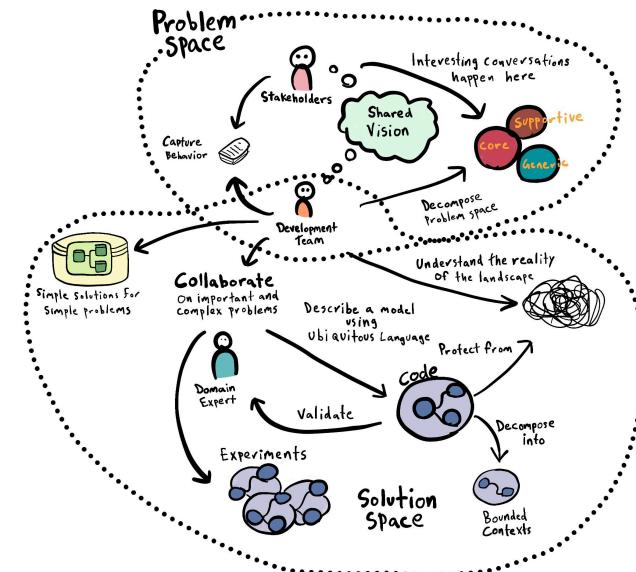
A perfectly designed process that doesn't fit surroundings is a massive waste

### ✓ The Solution

Write extra stickies to properly frame the context

### The Workshop's Role

- Context is never set perfectly in advance
- Challenge imagined boundaries
- Discover the real context



# Two Modeling Flavors

---



## Fuzzy Modeling

*For uncertainties & negotiations*

- **Uncertainties**  
Multiple possible orders
- **Design & Negotiation**  
Open-ended conversations
- **Contract Negotiation**  
Salary anytime, 随时 quit

 **Business stakeholders** excel here



## Mechanical Modeling

*For procedural flows*

- **Procedural Portion**  
Fixed sequence of steps
- **Checklist-Based**  
Clear, defined process
- **Onboarding**  
Welcome pack, credentials, desk

 **Technical people** excel here

# Practical Example – Recruiting & Onboarding



## Fuzzy Phase

Recruiting

Salary anytime

随时可退出



Contract Signed

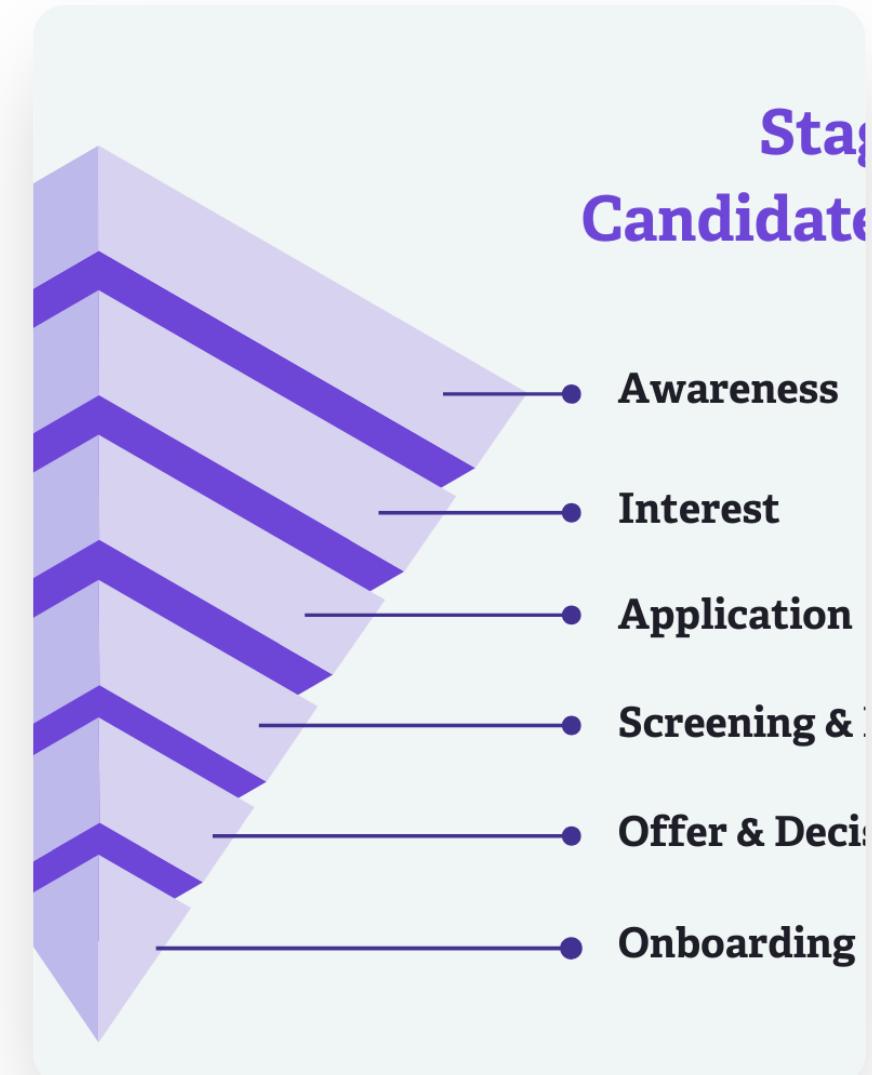


## Mechanical Phase

Welcome Pack

Credentials

Working Desk



# Benefits of EventStorming in DDD



## Improved Understanding

Discover real organizational behavior vs. prescribed processes



## Better Communication

Collaborative visual language bridges domain and technical gaps



## Enhanced Software Design

Decoupled systems, better bounded contexts, improved modularity

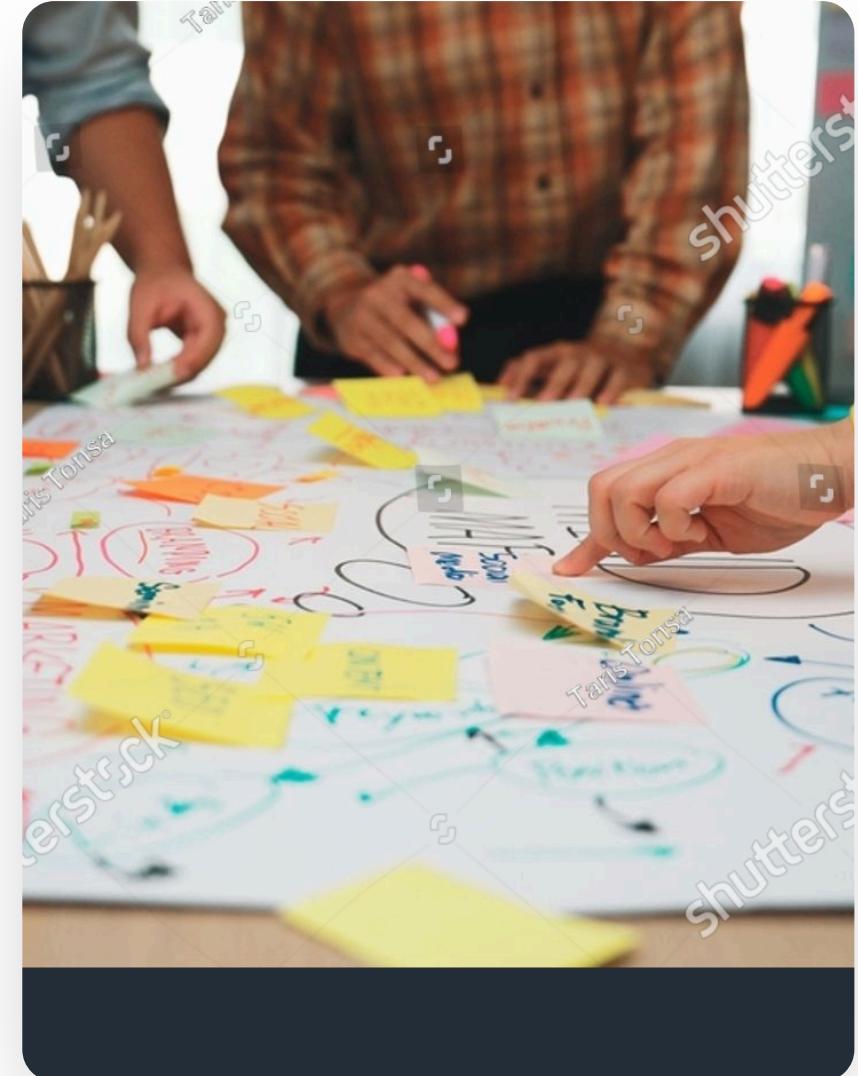


## Value Discovery

Identify problems, opportunities, and hidden business value



**Key Outcome:** Align stakeholders, reduce rework, accelerate development



# Summary & Key Takeaways



## Collaborative Game

Not just facilitated workshop — team challenge with all perspectives



## Strict Grammar

Process Modelling enforces rules to ask tough questions



## Two Modeling Flavors

Fuzzy for uncertainties, Mechanical for procedural flows



## Challenge Scope & Context

Context is never set perfectly in advance — workshops challenge imagined boundaries



## The Goal

Discover real organizational behavior, not prescribed processes



# Discussion & Q&A

Open floor for questions about EventStorming, Process Modelling, and application to your domains

✓ Collaborative Modeling

✓ DDD Best Practices

✓ Real-world Applications



**Learn More**

[Eventstorming.com](http://Eventstorming.com)

[Avanscoperta.it](http://Avanscoperta.it)



**Training & Consulting**

Alberto Brandolini

Avanscoperta