

# ISTANBUL SOFTWARE TESTING CONFERENCE

Fluid Testing:  
Continuous Quality  
in Motion

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#ISTC2026



## Professional Background & Achievements



PhD in Electronics & Telecommunication Engineering



Test Manager at KoçDigital



25+ years of experience in Telecom, Defence, and IoT software testing



## AWARDS & RECOGNITIONS



Test Team of the Year Award 2014,  
The European Software Testing Awards (TESTA), London



EuroSTAR Software Quality Star Award 2013, Gothenburg



HP Customer Reference Award 2013, Barcelona



ADM Shining Star Award 2015, HP EMEA, Prague

# The Medium is the Message

Technology is not just what we use;  
it is what **re-creates** us.

We shape our tools,  
and thereafter **they shape** us.

— *Marshall McLuhan*



# Zygmunt Bauman: The Philosophy of Liquidity

## *From Liquid Modernity to Liquid Love*

- The modern world is no longer solid, stable, or predictable.
- Institutions, identities, careers, and communities have become fluid and changeable.
- Freedom has expanded, but so have uncertainty, insecurity, and loneliness.
- In *Liquid Love*, human bonds are increasingly fragile, temporary, and easily broken.
- Bauman's central warning: in a fluid world, we must protect responsibility, ethics, and solidarity.

“*For Bauman, to be modern is to live in motion—without lasting guarantees.*”

### KEY WORKS

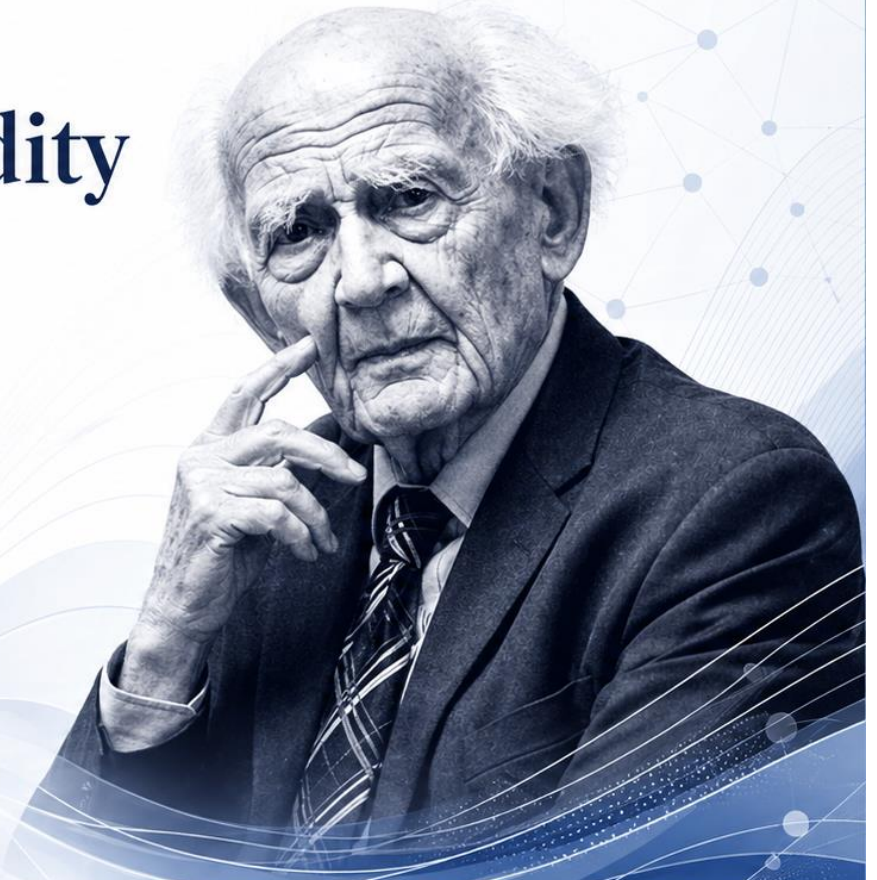
📖 *Liquid Modernity* (2000)

📖 *Liquid Love* (2003)

📖 *Liquid Life* (2005)

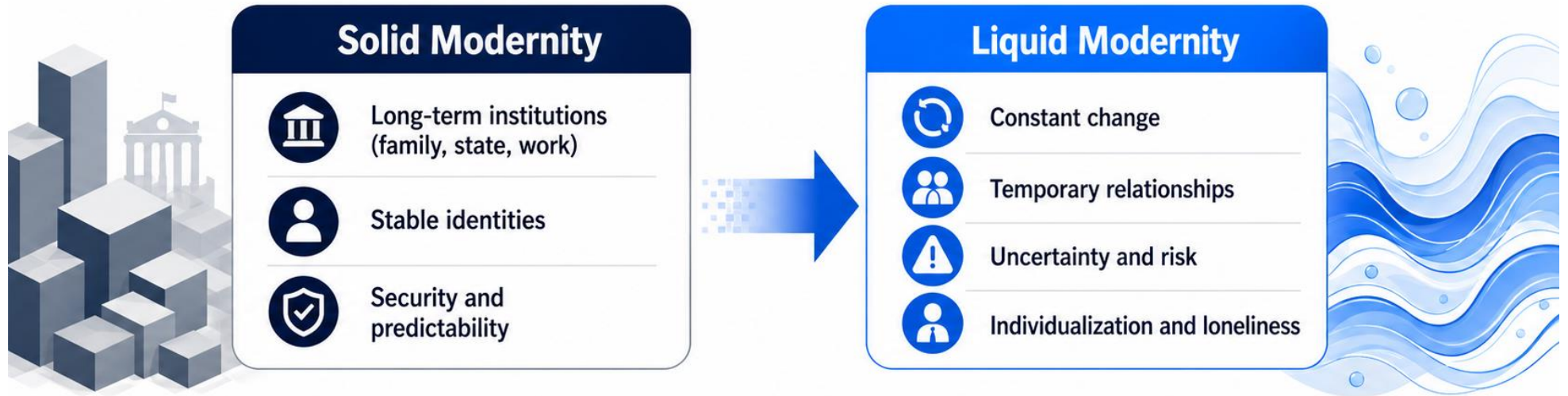
📖 *Liquid Fear* (2006)

📖 *Liquid Times* (2007)



# Liquid Modernity: The Core Concept

From “Solid Modernity” to “Liquid Modernity”



## Bauman’s Key Insight

“

*For Bauman, nothing is truly permanent anymore.*



Jobs are temporary



Relationships are fragile



Identities are constantly reconstructed

”

# The Timeline of Modernity

*From Classical Modernity to Liquid Modernity*



1

**1750–1900**  
**Classical Modernity**

Industrial Revolution and the construction of rationality. An effort to create order.



2

**1900–1980**  
**Solid Age**

Nation-states, lifelong careers, and heavy industrial structures.



3

**1980–2000**  
**Digital Rupture**

Transition to a network society and the blurring of boundaries through digitalization.

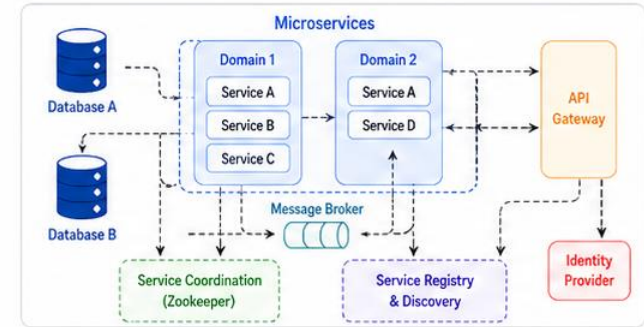
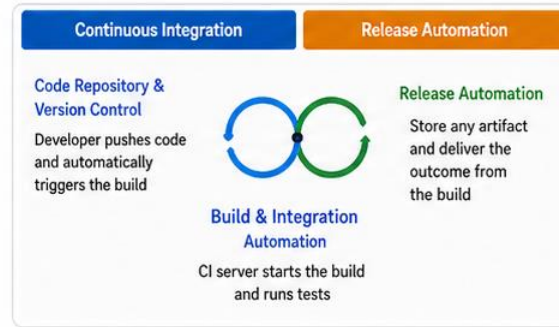
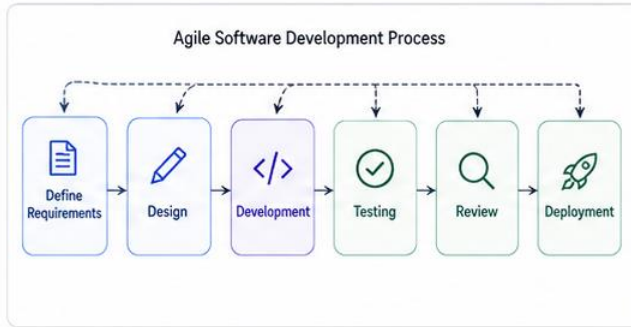


4

**2000–Present**  
**Liquid Age**

In Bauman's diagnosis, nothing remains fixed in liquid modernity.

# LIQUID MODERNITY → THE WORLD OF FLUID TECHNOLOGY



WHAT BAUMAN DESCRIBED IS HAPPENING ALMOST EXACTLY IN THE WORLD OF TECHNOLOGY:

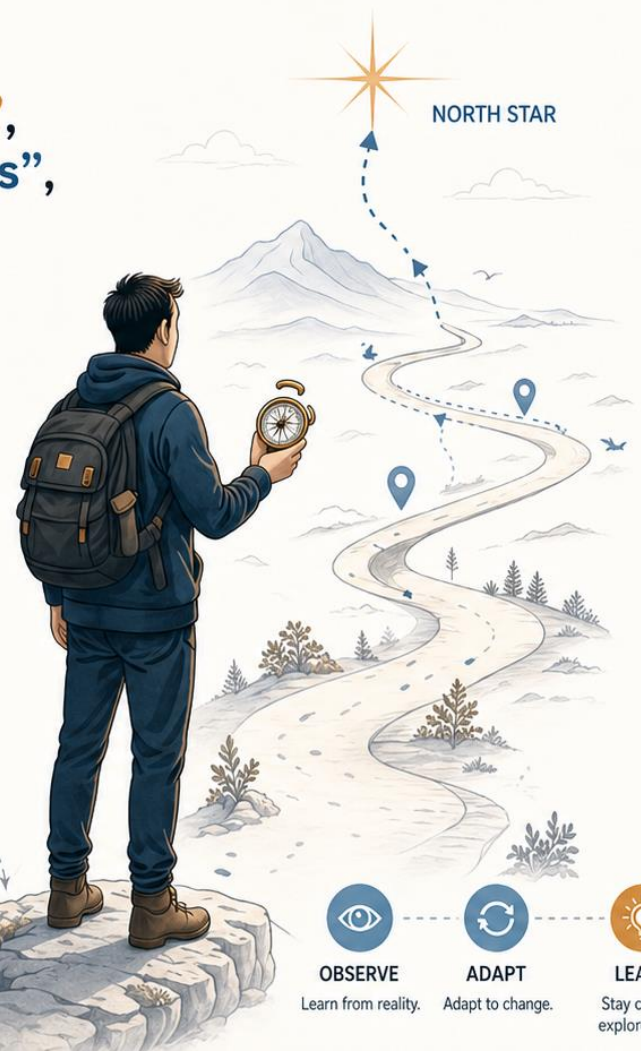
BAUMAN	TECHNOLOGY COUNTERPART
Rigid structures dissolved	Monolith → Microservices
No permanence	Continuous deployment
Identity is fluid	Skill-based rather than role-based career
Uncertainty increased	Continuously changing requirements

“

We used to have a “roadmap”,  
Now we only have a “compass”,  
but the north keeps moving.

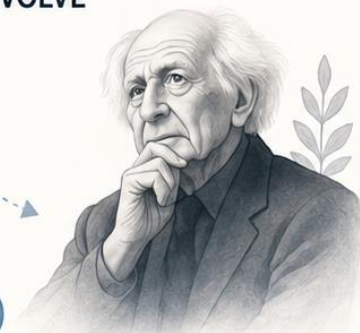
In a liquid world, the way to survive  
is not to stand still,  
but to **keep moving**.

– Zygmunt Bauman



- CHANGE
- ADAPTATION
- LEARN
- EVOLVE

- OBSERVE  
Learn from reality.
- ADAPT  
Adapt to change.
- LEARN  
Stay curious,  
explore deep.
- COLLABORATE  
Stronger together.



Zygmunt Bauman  
1925 – 2017  
Sociologist and Thinker

# Move or Be Left Behind

An African proverb through the lens of software testing

“  
A stationary crocodile  
becomes a handbag.”  
”



In software testing, the teams that stop adapting, learning, and evolving quickly become obsolete.



Testing is no longer just about checking quality. It is about moving with change, exploring risk, and staying relevant.



*In modern software testing,  
standing still is the real risk.*

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Gizlilik Sınırlamaları : Genel Paylaşım

# Liquid Love, Liquid Loyalty

Why one bad experience can break the bond

“

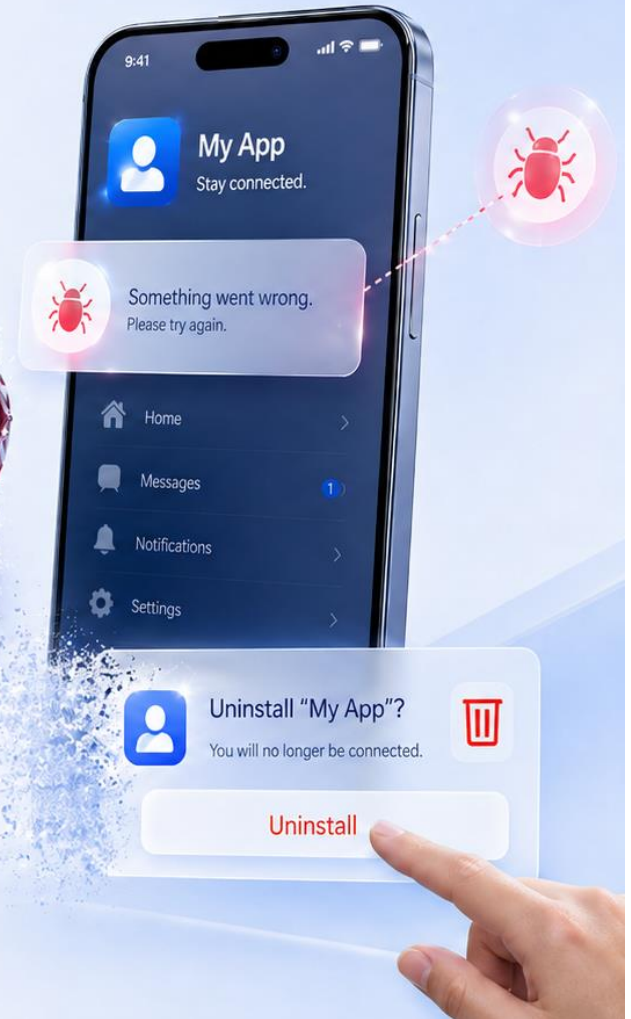
In Bauman's "Liquid Love," bonds are transient. Users today have zero loyalty; one bug equals one uninstall.

— A reflection on digital user behavior

”



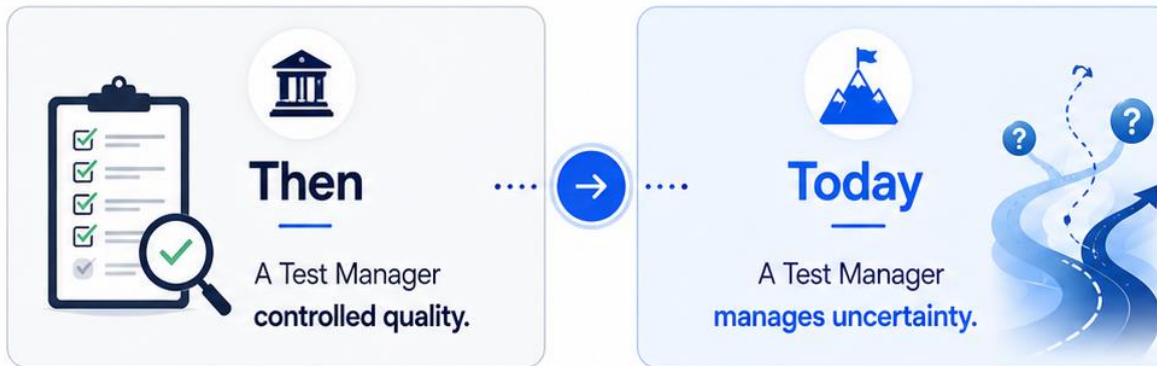
Loyalty fades.  
Connections disappear.



# Identity in Software Testing

 Test Engineer •  Quality Engineer •  Problem Solver

The role of software testing has evolved from checking quality to navigating **complexity, change, and uncertainty**.



From controlling quality to **navigating what's next.**

OUR MINDSET

# Users are our unexpected testers



## ✓ Reality Check

### Test environment ≠ real life

No test environment can fully replicate the complexity and unpredictability of real life.



## ★ The Ultimate Test

### User behavior = the biggest test

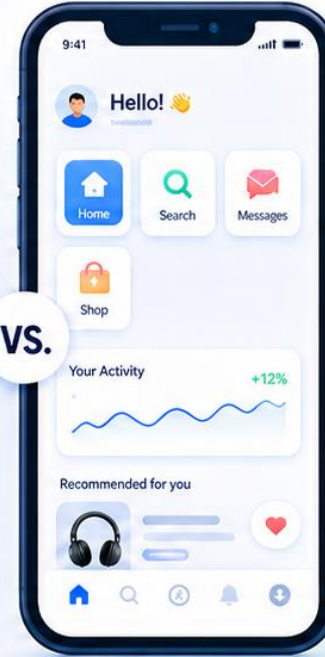
Real users, real behaviors, real impact.

### TEST ENVIRONMENT



- ✓ Controlled conditions
- ✓ Limited scenarios
- ✓ Predictable data
- ✓ Known behaviors
- ✓ Artificial users

VS.



### REAL LIFE



- ✓ Uncontrolled conditions
- ✓ Infinite scenarios
- ✓ Unpredictable data
- ✓ Diverse behaviors
- ✓ Real human impact

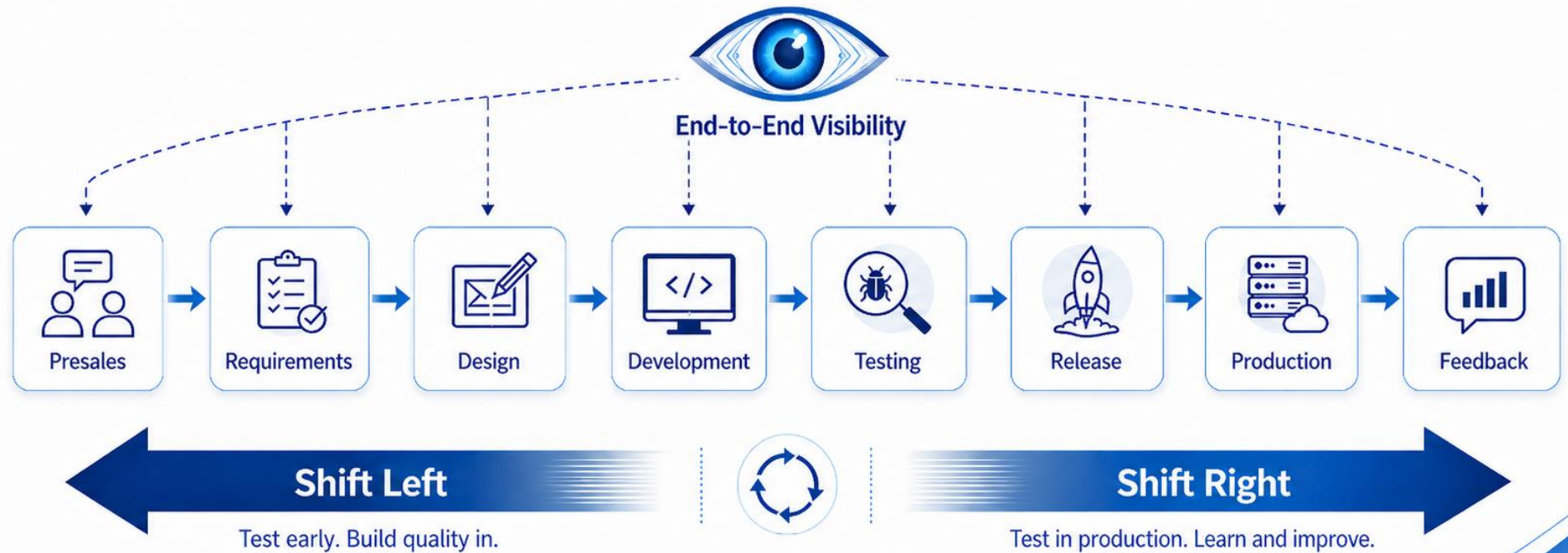


Users change our assumptions, reveal gaps and help us build better.



# Fluid Testing

Continuous Quality in Motion



**Fluid Testing means testing continuously.**

# FLUID TESTING

## A CONTINUOUS, ADAPTIVE APPROACH TO QUALITY

From static scripts to intelligent quality flow – adapting to change, driven by risk, powered by data.

### PRINCIPLES



**Embrace Change**  
Requirements, systems and behavior evolve.



**Focus on Risk**  
Test what matters most, all the time.



**Continuous Everywhere**  
Testing is not a phase, it's a mindset.

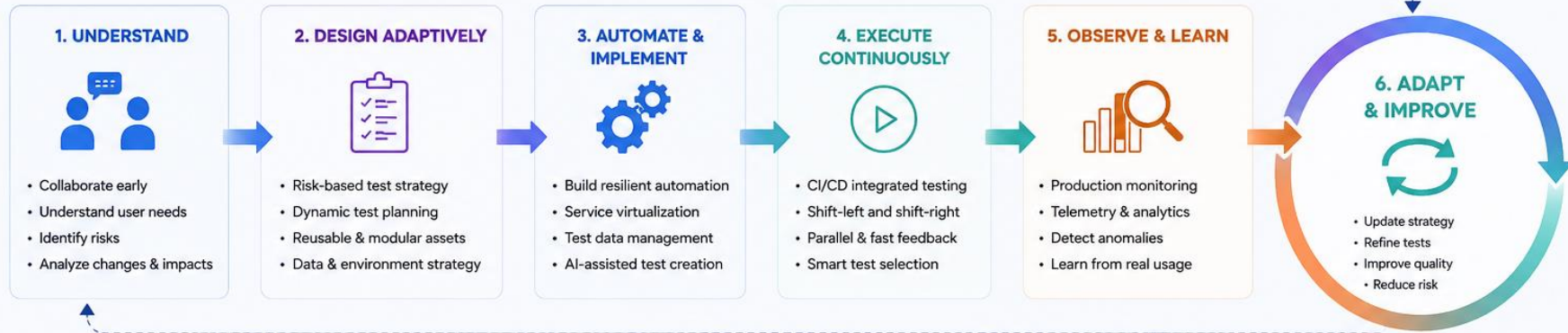


**Human + AI**  
AI accelerates, humans decide.



**Quality is a Team Sport**  
Everyone contributes, quality is everyone's job.

### THE FLUID TESTING FLOW



### KEY ENABLERS



### SHIFT-LEFT + SHIFT-RIGHT



### THE FLUID TESTER



### OUTCOME



FLUID TESTING IS NOT JUST ABOUT SPEED.  
IT IS ABOUT BEING **ADAPTIVE**, **INTELLIGENT** AND **CONTINUOUSLY VALUING QUALITY**.



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Güvenlik Sınıflandırması: Genel Paylaşım



**TOGETHER IN EVERY STEP OF QUALITY**



Open Communication



Shared Ownership



Transparency



Continuous Improvement



Trust & Respect

# CHESS VS BACKGAMMON



- STRATEGY
- PLANNING
- LOGIC
- FORESIGHT



- CHANCE
- RISK
- UNCERTAINTY
- ADAPTABILITY



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**Thank you!**