2). Starts with distributed Systems

Business scenario → to → Tech: Conversion.

Concepts in business scenario:-

a, Vertical Scaling → ask chef to work over time

b, preprocessing using cron jobs. → prepare at non peak hours

c, Backup Servers → if 1-chef sick, backup

d, Horizontal Scaling → Hire more chefs

e, Microservices → based on specialists pizza ✓ bun ✓ item ✓

f, Distributed systems → 2 shops (if electricity off)

g, Load Balancing → order to shop 1 (or) shop 2

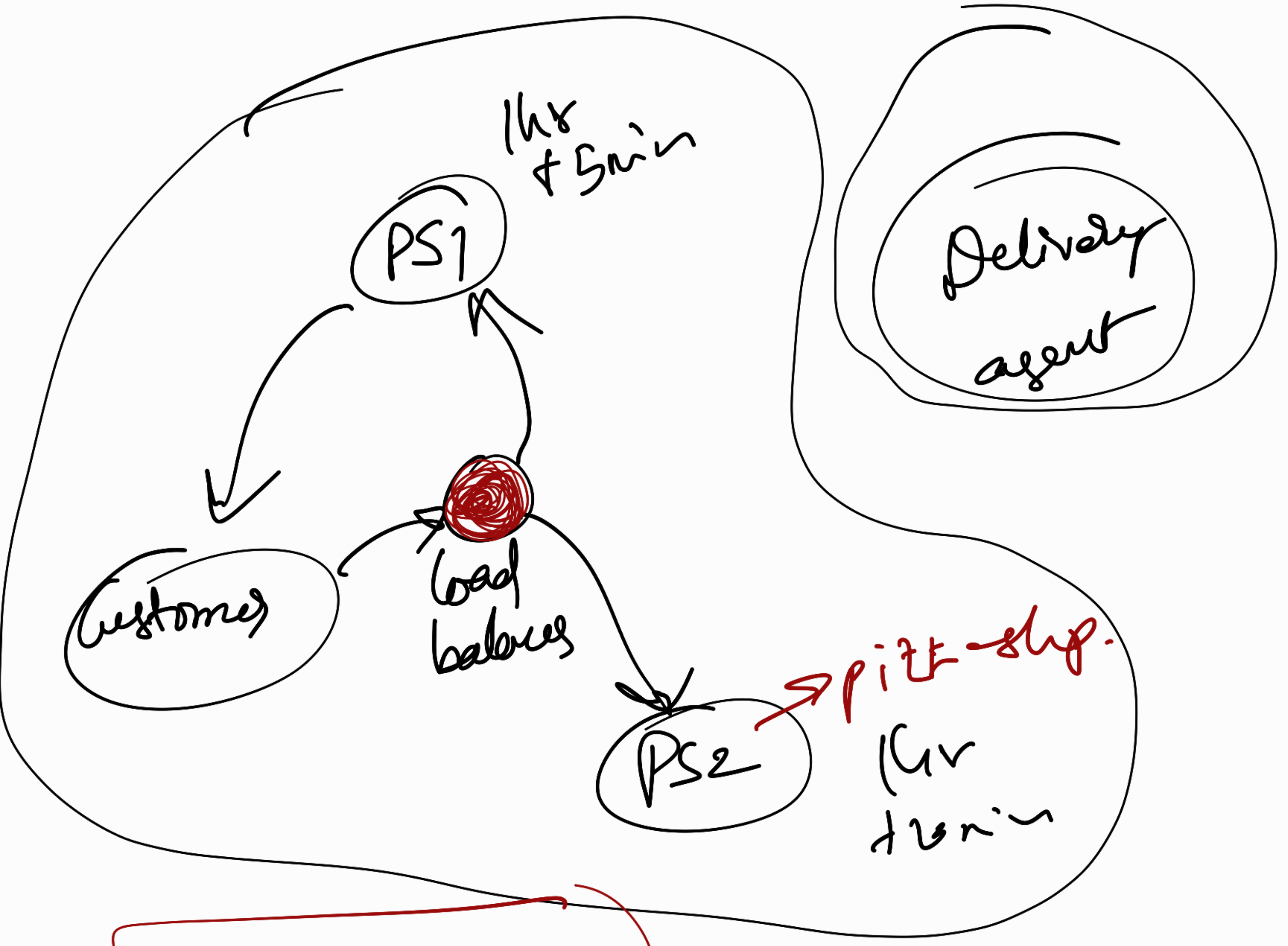
h, Decoupling → Delivery agent no conn with system

i, logging & metric Calculation ↳ time & order id track

j, Extensibility →

k, Low-level design. → Code level classes ✓

- ✓ Taken a Business Scenario,
- ✓ Trying to find a Solutions to. all the problems it came up with
- ✓ and then just map them into technical terms (a to k) above



pizza Business

example.

PS1- shop1

PS2- shop2.

Ex 3

Order overload → Recruitment

Complexity → Seperation of Concerns

Mishaps → Fault tolerance.

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