

ORDER MANAGEMENT SYSTEM

Olga Granecka 193389
Franek Gajda 193200
Jan Gniedziejko 193633

BUSINESS DOMAIN

order placement

shipping coordination

stock updates

tracking

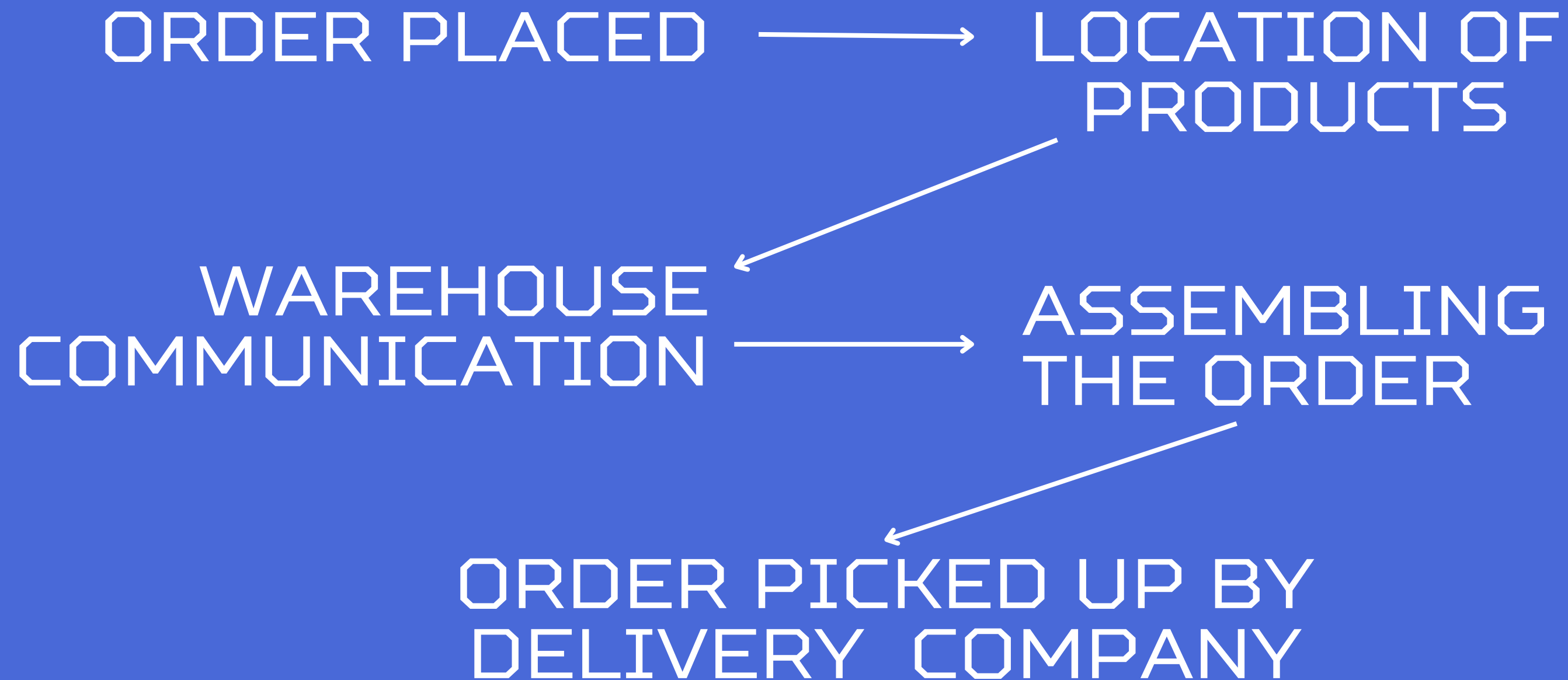
stakeholders

cap characteristics

customer
warehouse management teams
delivery companies

availability and partition tolerance

USAGE SCENARIO



REDIS FEATURES

Hash keys

Hset order:123 recipient Kowalski order_date 09.11.24 product_list products
order_history list

List

Lrem prod.list.warehouse3 1 prod1

Sub/pub

Agent 3: subscribe warehouse2.channel

Agent2 (warehouse2): publish warehouse2.channel "prod1 needed in warehouse2"

Transaction

WATCH order:123:status

MULTI

GET order:123:status

SET order:123:status "sent"

EXEC

QUERY

We will show it in our report.

THANK YOU