

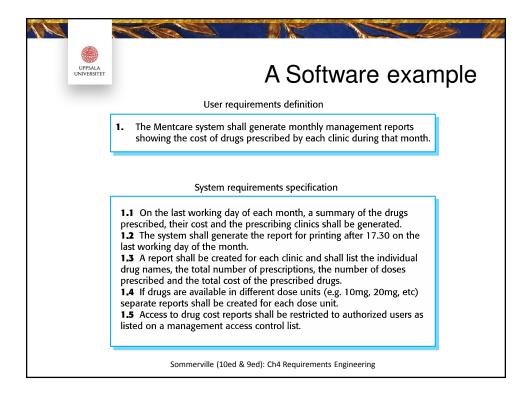


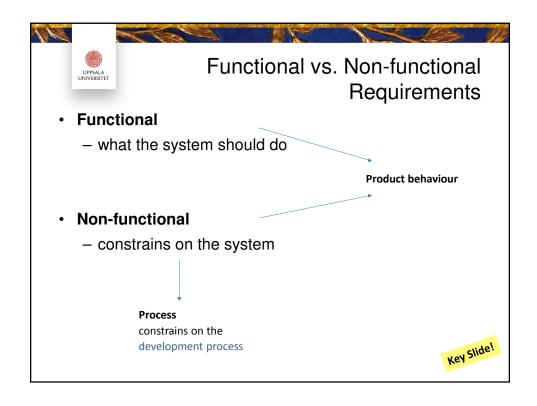
A Restaurant example

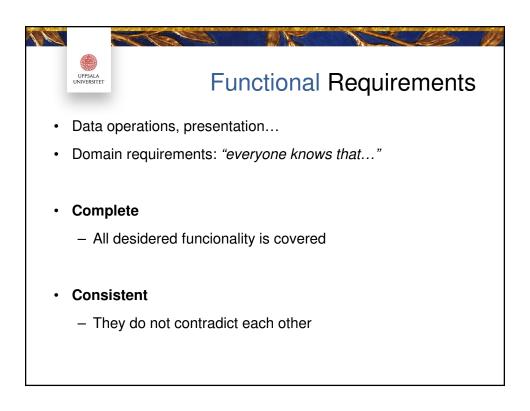
User

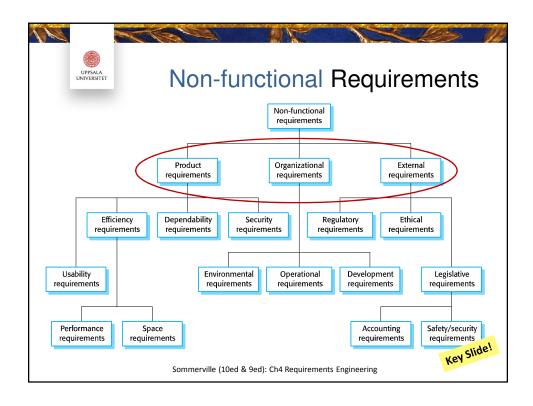
- System
- Food should look good
- Chicken soup
- Food should taste good
- Baked salmon with ...
- I want enough food
- Chocolate mousse

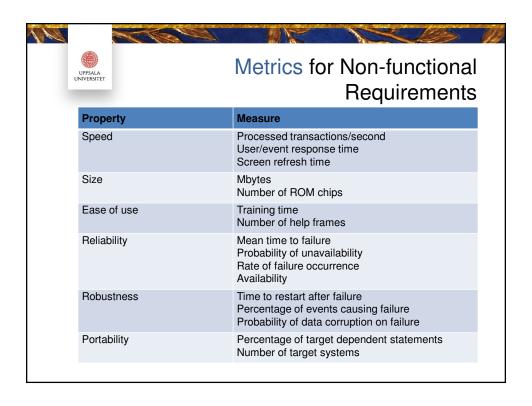
I want fish

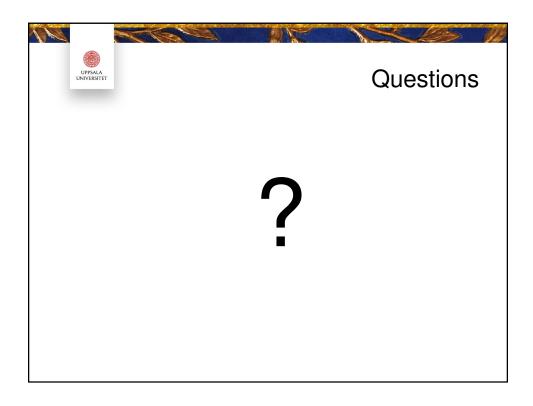
















Requirements checklist

(Verification)

• Understandable (properly explained)

• Valid (is this required, rationale)

• Verifiable (test cases included)

• Realistic (feasibility, prototype)

• Complete (all cases covered, exceptions)

Consistent

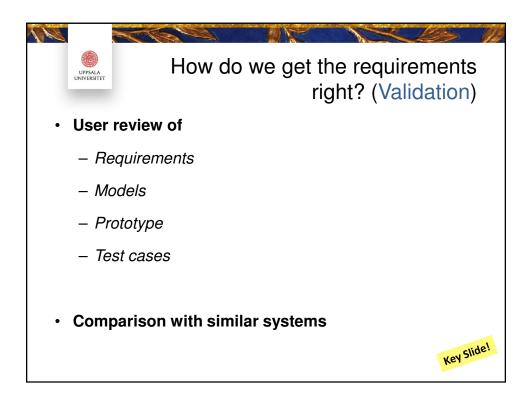
Traceable

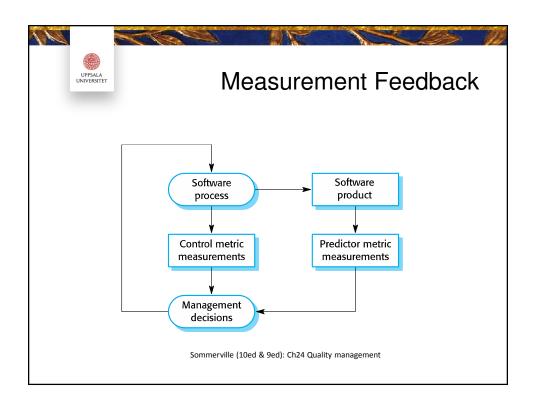




Requirements checklist (Verification)

- Valid
 - Real users
- Realistic
 - On time / Under budget / Current tech
- Complete
 - Is all functionality captured? / Are all cases covered?
- Consistent
 - Internal to requirements
- Verifiable
 - Can requirements be tested?







Measurement Process

- Choose measurements
 - Goal → Question → Metric (GQM)
- Select components
- Measure
- · Identify anomalous values
 - Compare to normal product / company values
- Analyze anomalous components



Process measurement

- Resources required
 - Time
 - Money
- · Occurrence of events
 - Failed system builds
 - Missed deadlines
 - Missing process documents

