

Context-Aware Systems

Writing Response

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INF 241



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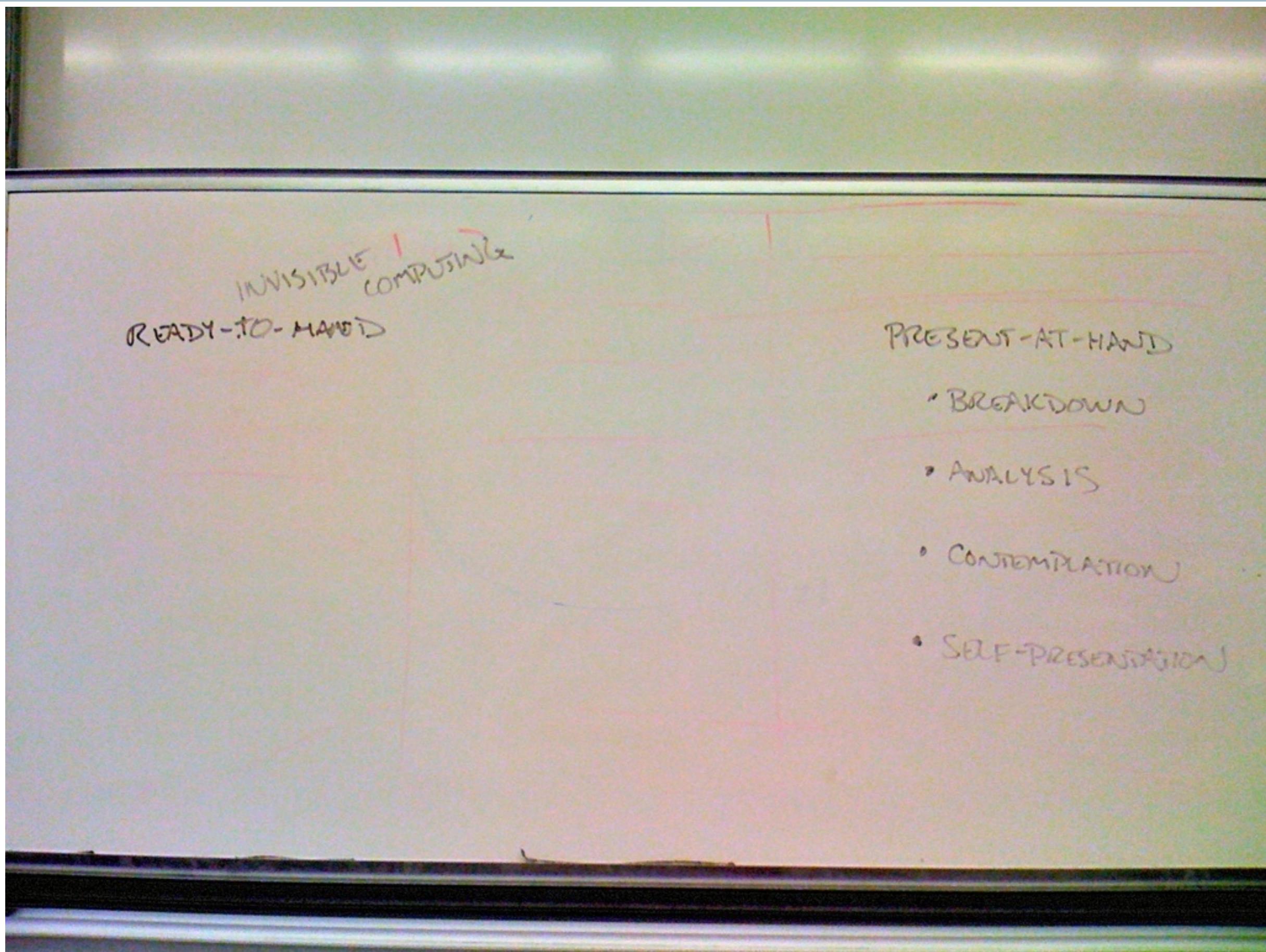
You live in a world where you depend on technology. If it fails hard you are in deep trouble.

We need visions to tell us what makes sense.

: Context Aware Systems

COMPUTER SCIENCE	CONTEXT	SOCIOLOGY
POSITIVIST		PHENOMENOLOGICAL
<ul style="list-style-type: none">• OBJECTIVE• C = INFORMATION• STABLE• DELINERABLE• CONTEXT ≠ ACTIVITY		<ul style="list-style-type: none">• SUBJECTIVE• RELATIONAL• DYNAMIC• OCCASIONED• CONTEXT IS CONSTRUCTED BY ACTIVITY

: Context Aware Systems



:Context-Aware Design Scenario

Design a system that adjusts your cell-phone ring tone. How does it work? What is a scenario that captures it's ideal use case?

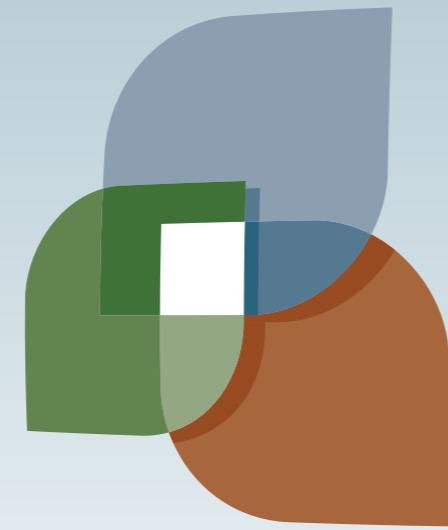
:Context-Aware Design Scenario

CELLPHONE RINGTONE SYSTEM

3 SCENARIOS OF SYSTEM WORKING

VIBRATION, VOLUME, SOUND FILE

- LEAVE HOME → DEFAULT RINGTONE
- VOLUME GOES UP IN NOISY PLACES (LOUD)
- CLASSROOM CAUSES RINGER TO TURN OFF
- ACTIVITY SERVER FOR LOCATION THAT TELLS YOUR PHONE WHAT TO DO
- RINGTONE ANTI-CAMOUFLAGE (AMBIENT)



L U C I

