

RE II

Assignment 1

Elicitation of Requirements on Site

Session's Topic

- Understanding the Application Domain
- Identifying the Sources of Requirements
- Analyzing the Stakeholders
- Selecting the Techniques, Approaches, and Tools to Use
- Eliciting the Requirements from Stakeholders and Other Sources

Selected Technique: Elicitation on Site

- Maiden proposes a tool to elicit requirements where they actually happen: in the work context of the stakeholders
- An analyst accompanies a stakeholder in her daily work. He documents elicited requirements and together they try to identify new ones.
- Basic Forms: **Walkthrough in work context**

Basic Principle: Recall and Recognition

- “People are better at identifying errors of commission rather than omission”



We should **actively** help stakeholders in identifying the desired requirements, rather than having them just “list” possible requirements.

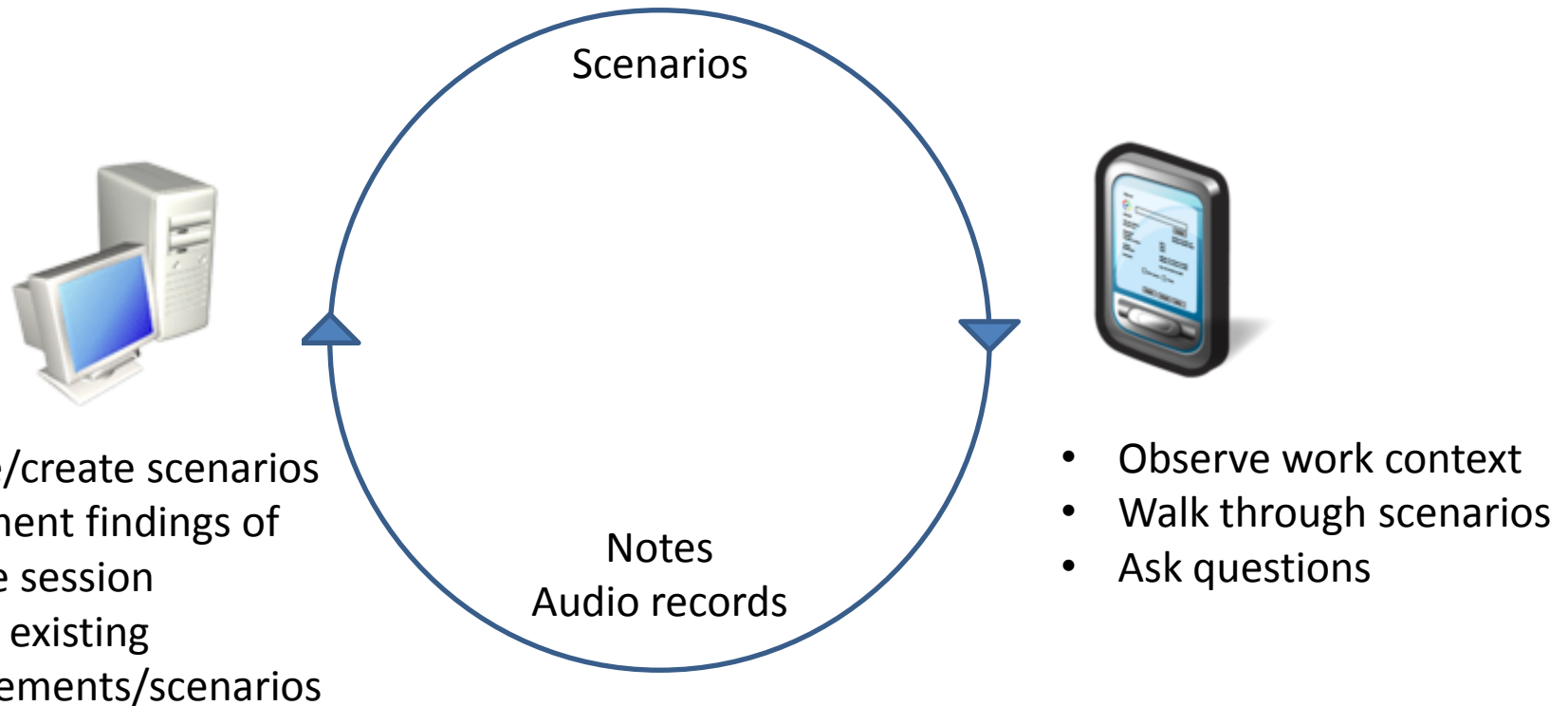
Core element: Scenario

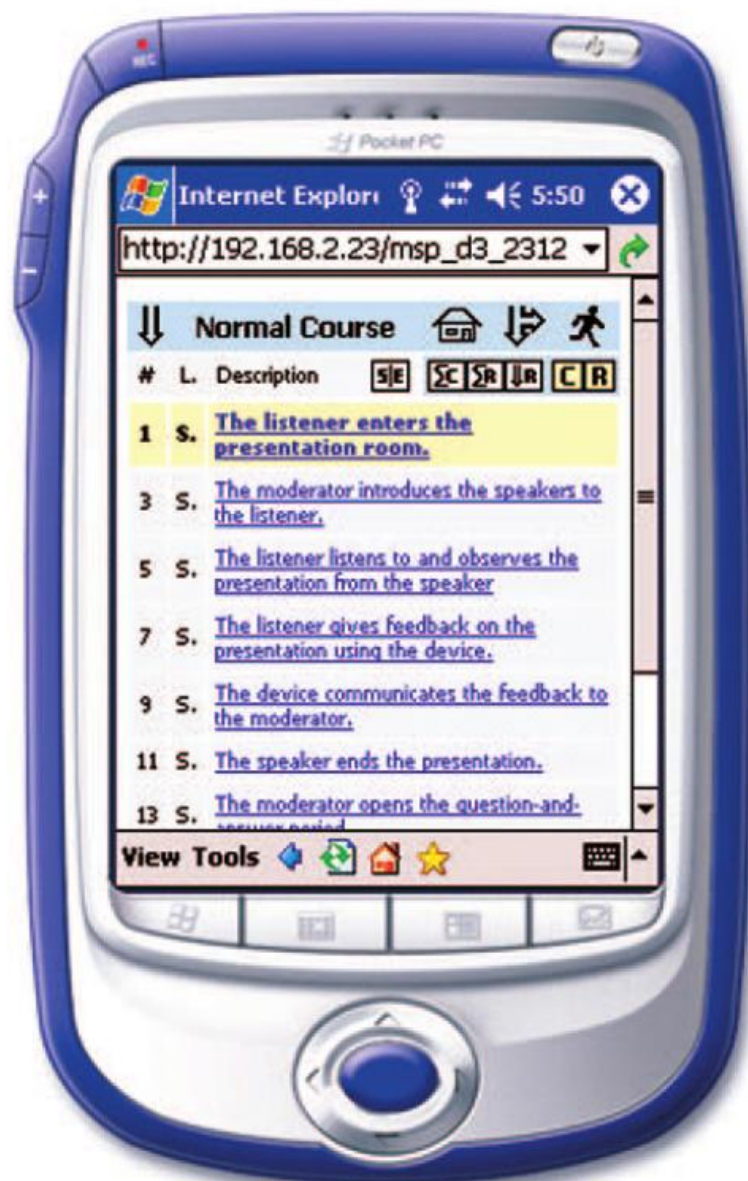
- Scenarios: Set of work steps automatically generated from use cases
 - Normal course: What happens if everything goes right
 - Alternative course: Possible deviations from normal course, errors, unexpected events
 - “What-if” cases
- Scenarios are presented to the stakeholders
 - Identify errors of commission, give hints at possible omissions

ART-SCENE

- “Is a scenario technique for discovering and documenting stakeholder requirements.”
- Consists of desktop version and Mobile Scenario Presenter (MSP)

Elicitation on Site: Workflow





Benefits and Drawbacks of Mobile Requirements Elicitation

- Analyst is part of normal work context
 - can observe current system behavior and stakeholder interactions simultaneously
 - can ask questions about abnormal behavior
 - actual work context can unravel requirements that could be missed otherwise
 - allows Contextual Inquiry
- But: Not always feasible (too costly or dangerous), usability is crucial

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