

Elicitation on Site

Agenda

- Relation to the requirement elicitation
- Benefits of walking through scenarios in situ rather than in an elicitation workshop
- Use of mobile technologies for requirements elicitation

Relation to requirement elicitation

- In work context of stakeholders
- Contextual inquiry
- Focus on elicitations on site, especially using Scenarios (ART-SCENE)
- Scenario technique used in different facets on site
 - Ethnography
 - Observation
 - Interview
 - Apprenticing

Exploring Scenario Forms and Use

- Air traffic management system "VANTAGE"
- Effectiveness of scenario forms and uses
 - ART-SCENE & AgentSheets
 - Workshops & Work context (MSP)
- Investigation of
 - Generating other types of requirements via AgentSheet?
 - Generating other types of requirements in work context?
 - More requirements in work context?
- People are better at identifying errors of commission rather than omission

Stakeholder needs in the Workplace

- Effectiveness of taking RE tools to the workplace with focus on the MSP
- MSP Features:
 - Dialog/Form
 - Audio
 - Sketches
 - Sync to ART-SCENE
- Lessons learned
 - Consider mobile tools where stakeholder needs emerge
 - RE-specific tools instead of general purpose tools
 - Know the mobile tool's target user
 - Ensure usability of the tool
 - Sound technical infrastructure
 - Capture cues rather than full requirements

Benefits of Work Context VS. Workshops

- Improvement of the analysts domain knowledge
- Analysts more sensitive to work environmental events/ requirements
- Acquire requirements of busy/bonded stakeholders
- Requirements of self-evident daily habits might occur
- Requirements can be better specified due to work artefacts

Use of mobile technologies

- Consider mobile tools where stakeholder needs emerge
- Use RE-specific tools instead of general-purpose tools
- Know your mobile tool's target users

Use of mobile technologies(con't)

- Ensure the usability of your requirements application
- Provide a sound technical infrastructure
- Capture cues rather than fully specified requirements

Questions / Feedback?