

Elicitation on Site

Group 1

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Context - Brief Overview

[Maiden2007a]

- ***VANTAGE Project*** - air traffic management system to reduce environmental impact
- Using ***ART-SCENE*** - in workshops and on site
- Explore ***effectiveness*** of different ways of walking through scenarios

Context - Brief Overview

[Maiden2007b]

ARENA-M + ART-SCENE MSP on PDAs as example **mobile RE tools**

Lessons learned + **advice** for future tool development

Relation to Session Topic and Papers

Requirements Elicitation and Innovation:

- Combination of approaches
- Mobile tools

[Zowghi2005]

Multiple of the described **techniques** used: scenarios, workshops, ethnography, interviews

Some **issues** are tackled

Relation to Session Topic and Papers

[Beyer1999]

Close **relation** to contextual inquiry

[Maiden2004]

Use of RESCUE process (Requirements Engineering with
Scenarios in a User-Centred Environment)

Scenarios output of creativity workshops?

Benefits of Scenarios

New stakeholders

Additional exceptions

+Requirements

+ Information sources

+ Event recognition cues

+ Articulate needs



Site

Workshop

Expensive

Time consuming

Stakeholder availability



Mobile Technologies in Requirements Elicitation

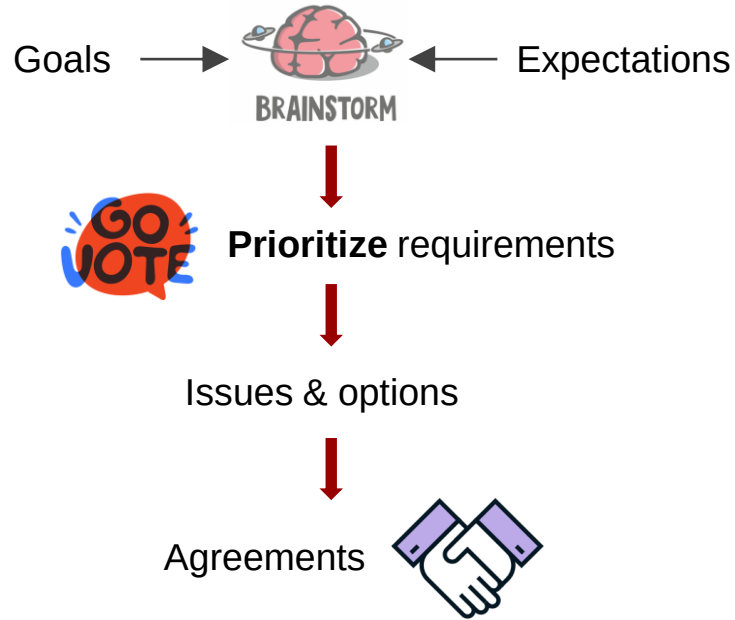
General purpose tools:

- Media recording (audio, video, photo)
- General documentation tools
- Instant messaging
- Video conferencing

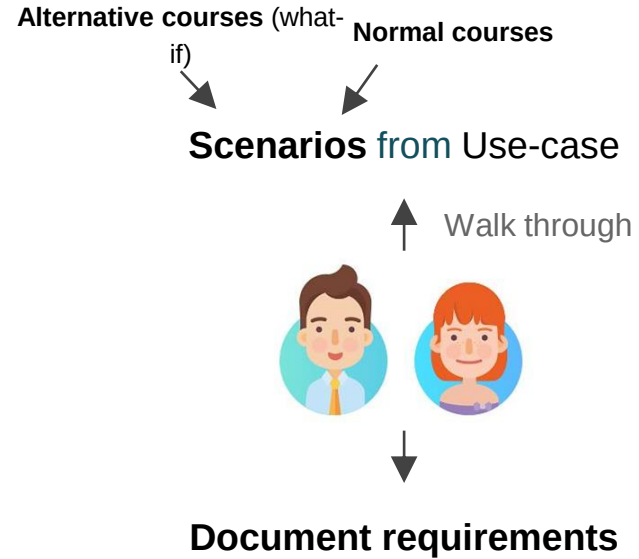
RE specific tools:

- ARENA-M
- ART-SCENE MSP

ARENA-M



ART-SCENE MSP





Disadvantages



Unusual behaviour

✗ All available

✗ Observe and document



Additional tools/techniques

Unpredictable timings & durations



Potential dangers

Thanks!

Group 1

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