

Elicitation on Site

Agenda

- relation to the text
- summary
- walk through
 - pros and cons
- workshop
 - pros and cons
- first conclusion
- opportunity mobile

Relation to the text

- develop specific tools
- make approaches more attractive
 - less knowledge necessary
 - easy to understand

Summary

- regional UK airport
- discover requirements for an air traffic management system (VANTAGE)
- walked through scenarios $\Rightarrow$ explore effectiveness
 - traditionally scenario workshops
 - walk through scenario uses Mobile Scenario Presenter (MSP)
- survey
 - ART-SCENE and visual simulation $\Rightarrow$ not more requirements
 - visual simulation good for workshops
 - bad weather

Summary

- how tools can help
 - mobile devices → documentation (audio/text)
 - mobile web blogs → share pictures and knowledge
 - developed two tools:
 - Arena-M: find consensus
 - MSP: detect requirements
 - lessons learned

Elicitation Workshop

- +:tractable because representatives are available to attend them
- -:time-consuming and difficult
- -:restrict some stakeholders to come
- -:lack domain knowledge for RE engineer to complete the specification of requirements

Walking through scenarios on site

- +:expose more recognition cues to stakeholders, leading to more requirement
- +:more requirement regarding availability and usability-type can be found
- +:close to the actual process and change may be found
- +:get stakeholder analysis for further requirement elicitation
- +:more productive
- -:time frame is not controlled

What role does mobile technology has?

two types:

- general purpose tools
 - word/excel for mobile phones
- RE specific tools
 - Set up ART-SCENE basic module → Set up MSP
 - Mediawiki (Wikiweb)

⇒ as a support tool

- instantaneous recording, what if question, alternative scenarios

does not guarantee success

What role does mobile technology has?

- Evolution:
 - documentation (audio, video, written)
 - instant message
 - design and conduct surveys
 - social media → communicate/discuss
 - general:
 - feedback cycle gets faster (overload)
 - need to change (next generation of RE)
 - ⇒ ⇒ share information ⇐ ⇐
 - Set up guidelines and security approaches

Discussion

- What do you think are important elicitation techniques before doing mobile requirements?
- In the way of using the mobile technology, does a requirement engineer need to be present during the elicitation process?
- How is mobile technology used in future?