Allowing End-users to Actively Participate within the Elicitation of Pervasive System Requirements through Immediate Visualization

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Review

• A visualization tool and process to support strong customer participation in the requirements elicitation and capture process

• A synthesis of established techniques
  – Natural programming
  – Programming by example
  – Visual programming
  – Jigsaw metaphor
Status

• System has been prototyped, sample scenarios investigated

• Customer can generate first draft of requirements

• Relies upon a Feature Model
  – pre-defined catalog of available configurations for the system
Questions

• What are your plans for wider validation?
• Do you plan to extend the jigsaw metaphor to include decision-making and looping constructs?
• Is there information in the requirements that can be data-mined by the manufacturer / service provider?