













































Role	Action
Householder	Arms the alarm
Alarm	Indicates 'arming' (e.g. buzzer, lamp), starts countdown timer for arming_period
Householder	Leaves house by main_door, closes main_door (and probably locks it)
Alarm	Stops countdown timer, stops indicting 'arming', begins watching
Burglar	Breaks into protected house
Alarm	















		Definitions	
	Term	Definition	
	Suspected Intrusion	Message from Household Alarm to Control Centre, indicating a possible Intrusion for Confirmation	
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- 1. What are the basic pieces?
- 2. How do the pieces fit together, typically?
- 3. How can different projects re-assemble the pieces of their puzzles?



- 1. Embryology: as sequences in development life-cycle
- 2. Traceability: by a rich web of connections
- **3.** Validation: making use of connections to cross-check
- 4. Teamwork: having all specialists pulling together
- **5. Trade-offs**: choosing "least-worst" option(s)
- 6. **Dialogue**: translating back to stakeholder language

... no doubt you can think of more ...

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![](_page_24_Figure_0.jpeg)

![](_page_24_Figure_1.jpeg)

## I've got to model my requirements in UML

## · Goals:

- add informal diagrams
  - (abuse the Use Case notation...)
- or just make a list

## • Rationale:

- annotate with notes for assumptions, etc

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- add informal diagrams

![](_page_25_Figure_8.jpeg)

![](_page_26_Figure_0.jpeg)

![](_page_26_Figure_1.jpeg)

![](_page_27_Figure_0.jpeg)

![](_page_27_Figure_1.jpeg)

![](_page_28_Figure_0.jpeg)

![](_page_28_Figure_1.jpeg)