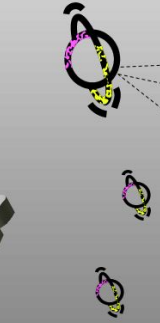


On Requirements Visualization

Orlena C.Z. Gotel, Francis T. Marchese and Stephen J. Morris

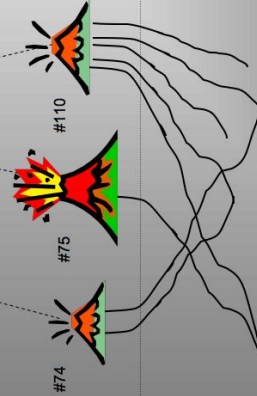
Big picture



Stakeholder groups



Stakeholders



Requirements

Events/use cases

From page 157 of [1]:
Req Type: 9 (functional requirement)
Event/Use Case #: 6
Description: The product shall issue an alert if a weather station weather station is faulty and needs maintenance, and that the data used to predict freezing roads may be incomplete.
Rationale: Failure to transmit readings might indicate that the weather station is faulty and needs maintenance, and that the data used to predict freezing roads may be incomplete.
Fit Criterion: For each weather station the product shall communicate to the user when the recorded number of each type of reading per hour is not within the manufacturer's specified range of the expected number of readings per hour.
Customer Dissatisfaction: 5
Dependencies: None
Conflicts: None
Supporting Materials: Specification of Roads Weather Station
History: Raised by GBS, 28 July 99



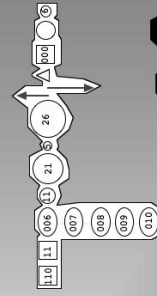
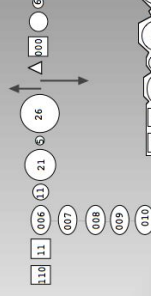
From web site of [1]:
Req #: 74
Req Type: 9 (functional requirement)
Event/Use Case #: 7, 9
Description: The product shall record all the roads that highlight potential danger.
Rationale: To be able to schedule untreated roads and highlight potential danger.
Source: Arnold Snow, Chief Engineer
Fit Criterion: The product shall record all the roads that highlight potential danger and shall agree with the owners' road treatment logs.
Customer Satisfaction: 3
Customer Dissatisfaction: 5
Dependencies: None
Conflicts: None
Supporting Materials: None
History: Created February 29, 2006

From page 158 of [1]:
Req Type: 11 (non-functional requirement - usability)
Event/Use Case #: 6, 7, 8, 9, 10
Description: The product shall be easy for the road engineers attend training classes in order to be able to use the product.
Rationale: It should not be necessary for the engineers to attend training classes in order to be able to use the product.
Source: Sonia Henning, Road Engineering Supervisor
Fit Criterion: A road engineer shall be able to use the product first encountering the product.
Customer Satisfaction: 3
Customer Dissatisfaction: 5
Dependencies: None
Conflicts: None
Supporting Materials: None
History: Raised by AS, 25 Aug 99

Health

REQ	Value	Source	Rationale	Fit
#74				
#75				
#110				

Detail



[1] Robertson, S. and Roberson, J. *Mastering the Requirements Process*, ACM Press, 1999
www.systemsguild.com/GuildSite/Robs/Template.html