A.4 Base Use Case Checklist

- 1. Format complete?
 - Use case name
 - Use case ID
 - Narrative description
 - Preconditions
 - Sequence of inputs
 - Sequence of outputs
 - Postconditions
- 2. Logic questions?
 - Any missing precondition?
 - Any missing postcondition?
 - Input sequence OK?
 - Output sequence OK?
 - "Correctness" (no \$5 notes)
- 3. Consistency
 - Naming conventions acceptable?
 - Are synonyms present?
 - Are synonyms "standardized" into one consistent term?
- 4. "Completeness"
 - Any missing use cases?
 - Flow across use cases?
 - Matching preconditions with postconditions?
 - Extra use cases?
 - Traceable to specifications?
- 5. Conformance to Base Use Case Standard

A.5 Base Use Ca

For the purpose of the redefined with respect to the

Fault Severity 1 (least

- Use case forma
 - Use case ma
 - Use case II
 - Narrative d
 - Precondition
 - Sequence o
 - Sequence of
 - Postconditi
- Typographical
- Grammar erro
- Conformance

Fault Severity 2

- Consistency fa
 - Naming or
 - Synonyms
 - Ambiguou
- Logic question
 - Any missirAny missir
 - Input sequ
 - Output ser
 - "Correctn

Fault Severity 3 (mos

- Completeness
 - Any missir
 - Any missi
 Requirement
- Flow across us
- Matching pred
- Extra use case
- Traceable to s
- Missing steps
- Extra steps/fe
 Customer Rec

9/E W

.5 Base Use Case Fault Severity Levels

the purpose of the review exercise, three fault severity levels are sufficient. These levels are fined with respect to the Use Case Review Checklist.

Fault Severity 1 (least severe)

- Use case format correct
 - Use case name
 - Use case ID
 - Narrative description
 - Preconditions
 - Sequence of inputs
 - Sequence of outputs
 - Postconditions
- Typographical errors
- Grammar errors
- Conformance to Use Case Standard

Fault Severity 2

- Consistency faults
 - Naming conventions
 - Synonyms
 - Ambiguous/too general
- Logic questions
 - Any missing precondition?
 - Any missing postcondition?
 - Input sequence OK?
 - Output sequence OK?
 - "Correctness" (e.g., no \$5 notes)

Fault Severity 3 (most severe)

- Completeness
 - Any missing precondition?
 - Any missing use cases or features because they are not specified in the Customer Requirements?
- Flow across use cases
- Matching preconditions with postconditions
- Extra use cases
- Traceable to specifications? "Incorrectness"
- Missing steps/use cases?
- Extra steps/features (They should be removed because they are not included in the Customer Requirements.)

A.6 Base Use Case Technical Inspection Forms

The reviewers, including the review leader and recorder, presents the result of their work product examination on a form similar to the one in Table A.1. These individual reports are merged by the review leader into the preliminary issues list (Table A.2).

Table A.1 Individual Inspection Ballot

			Work	Product In	formation		
Reviewer name				mar i jiranda avi kara i i			
Preparat	ion date	9			Anna Anta Sanda -		
Reviewer preparation time				rosen. A a capper			
					mens krade radio		
	Location Ch		ecklist	t seen anter '			
Issue#	Page	Line	Item	Severity	Description		
1	1	18	Туро	1	Change "accound" to "account"		
2			=		· subtantial and and and		
3					· Intermedial		

3/E W

Table A.2 Inspect

Review team me					
Leader					
Recorder					
Reviewer					
Reviewer					
Reviewer					
Producer					
Meeting date					
Total preparation					
Team recomme					
	- 2-1				
Action Item#	Who?				
1					

Table A.2 Inspection Summary

			W	ork Prod	luct Inform	ation		
Review team members								
Leader				150/	on liverage of	nutry Milhound		
Record	er				(4)			
Review	er		17159	imedyl a	erica Team	equit a		
Review	er	1						
Review	er					Table of Cortenu		
Produc	er	No.						
		'				- of Liestador Characai catharas		
Meetin	g date		9			to be a light to the light of t		
Total pr	Total preparation time				the Part of the Pa			
Team re	commer	dation		-1361		are at a tea I point what in an arrange		
	Location			Checklist		let be a set that the		
Action Item#	Who?	Page	Line	Item	Severity	Description		
1		1	18	Туро	1	Change "accound" to "account"		
					rows / set	REPRINCE NA PROCESS A MODEL		
						molways it reads to be made		
				7 197		Experie to the story of the west and		

A.7 Sample Inspection Report Outline

Technical Inspection Report

for

DemoATM System Simulator Use Case Descriptions

By

<Inspection Team Members>

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- I. Introduction and Technical Inspection Process
- II. Preliminary Issue List
- III. Prioritized Action Item List
- IV. Summary of Individual Ballots and Product Metrics
- V. Summary of Process Evaluations
- VI. Conclusion

Reference

Attachments

Attachment A: DemoATM Simulator Use Cases

Attachment B: DemoATM Simulator Customer Requirements

Attachment C: Technical Review Forms

- 1. Review Report
- 2. Individual Ballots

Attachment D: Fault Classification (by Severity)

Attachment E: Use Case Review Checklist

Attachment F: Technical Review Agenda

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