Risk-based Test Worksheet
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	Identifier	Risk (Failure Mode)	Objective/Benefits Threatened	Subsystem	Probability	Damage (Consequence & Cost)	Exposure
Description	ID of entry	Brief description of the (product) risk, that is mode of failure	Which cardinal objective or business benefit(s) is threatened?	Which part of the system is concerned (how much) with this objective/benefit, that is risk?	What is the likelihood of the system being prone to this mode of failure (that is risk)? - Frequency of use - Chance of failure: criticality & complexity at implementation, criticality & complexity at usage, lack of quality	What is the damage (consequence & cost) of this mode of failure? - Consequence & cost for business - Consequence & cost for test - Consequence & cost for usage	Risk exposure, that is product of **Probability** and **Consequence (Cost)**
Scores, Ranges, and Examples			For example: Quality criteria	Scores from 1 to 5: 1 Very low importance ... 5 Highest importance	Scores from 1 to 5: 1 1-20% Highly unlikely, chances are slight 2 21-40% Unlikely, probably not 3 41-60% We doubt, improbable, better than ever 4 61-80% Probable, likely, we believe 5 81-99% Almost certainly, highly likely	Scores from 1 to 5: 1 Negligible: no noticeable effect 2 Low: business will be affected slighlty 3 Moderate: business objectives will be affected 4 High: business objectives will be undermined 5 Critical: business objectives cannot be accomplished	Range between 1 and 25
	1	Functional requirement					
	2	Non-functional requirement (NFR)					
	3	Quality criterion					
	4	Claim					
	5	Use case					
	6	Feature					
	7	Function					
	8	Epic					
	9	User story					
	10	Process					
	11	Service					
	12	API					
	13	Architectural decision					
	14	Design decision					
	15	Technology selection					
	16	3rd party component selection (frameworks, open source, external partnering)					
	17	Core asset in PLE					
	18	Open variant space in software ecosystems					
	19	Bug category					
	20	Risk					
	21						

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	Identifier	Test Effectiveness	Test Priority Number	Test Objective(s)	Test Level	Test Technique	Measurement	Dependencies	Effort	Timescale	Reporting
Description	ID of entry	How confident are the testers that they can address this risk?	Product of **Probability**, **Consequence**, and **Test Effectiveness** that is product of **Exposure** and **Test Effectiveness**	What test objective will be used to address this risk?	In which test level is this testing performed? By whom (person or group)?	What method or technique is to be used in testing?	How can the attainment of the threatened objective/benefit, that is the risk reduction or elimination be measured?	What do the testers assume or depend on?	How much effort is required to do this testing?	How much elapsed time is required to do this testing?	Objective/Benefit attained, that is risk reduced/ eliminated
Scores, Ranges, and Examples		Score from 1 to 5: 1 Testing is not the way to address this risk or an appropriate test objective would prove to be unachievable ... 5 High confidence that testing will find faults and provide evidence that the risk has been addressed	Range between 1 and 125	For example: demonstrate that... verify that... validate that... check that...	For example: unit testing integration testing system testing acceptance testing developers integration test group system test group	For example: black-box testing white-box testing	For example: a measurement for a quality criterion a test exit criterion	For example: a test entry criterion	For example: high medium low	For example: days weeks months	Objective/Benefit not attained, that is risk not reduced/ eliminated
	1										
	2										
	3										
	4										
	5										
	6										
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