Risk Analysis

Index

Evolution report

Name	Iteration	Changes
MultiCulti	1	None
RiskyPython	2	First submition
RiskyPython	3	No changes
Team Trigvial	4	Redone the risks
Team Trigvial	5	Join the data into a single document

Iteration 1

Group: MultiCulti

Incidences

The group didn't submit a risk management document! It wasn't required at the time.

Iteration 2

Group: Risky Python

Risk Evaluation:

Risk Evaluation					
Number	**Name**	**Description**		**Probability**	**Severity**
1	Not enough staff	It is impossible to recruit staff with the skills requierd for the project.		High	Catastrophic
2	Key group member unavailable	Key staff are ill or unable to work at critical times in the project.		Medium	Critical
3	Unavailability of required development environment software	We don´t have the programs required to do it properly.		Medium	Catastrophic
4	Bad explanation of the interface	The interface that you provide is really poor and it is not easy to use.		High	Critical

Contingency Plans		
Risk Number	**Name**	**Brief Plan Description**
1	Not enough staff	Training of the team with required technology
3	Unavailability of required development environment software	Finding a different software with similar utilities
4	Bad explanation of the interface	Simplifying it with an easier interface to allows the user use it easily

Risk Level table

		High	Probable	Medium	Remote	Low
	Catastrophic	1		3		
Severity	Critical	4		2		
	Serious					
	Minor					
	Negligible					

Iteration 3

Group: Risky Python

Incidences:

No risk management was submitted for this iteration

Iteration 4

Group: Team trigvial

Risk identification:

	Risk List		
Id	**Risk Name**	**Risk description**	
	Personnel		
1	Bad working enviroment	The teammates don't get along, or the workers are unhappy in any way in their workplace	

2	Unkown technolgy	The personnel arent fluent with the technology used in this proyect
3	Time/week/person	The personnel has very little time to work in the proyect
4	motivation/person	The employees aren motivated to make the proyect or lose motivation during the proyect
5	Employees leaving	The employees leave the proyect before it is finished
	Specification	
6	missing data	The specification isn't well written
7	Bad formating	The format of the specification changes over time having the coders have to get used to the new format, losing time

Risk Rank:

ID	Risk Item	Recovery Cost	Risk Priority	Chance
1	Bad working enviroment	High	High	90%
2	Unkown tech	Medium	High	99%
3	Little time dedication	Low	Medium	90%
4	Little motivation by the workers	High	Low	90%
5	Leaving worker	High	Low	30%
6	Missing data on the specification	Low	Low	40%
7	Bad formating	low	low	40%

Severity/Probability	Frequent	Probable	Ocasional	Remote	Improbable
Catastrofic		1			
Critical		2, 4		5	
Serious		3			
Minor				6	
Negible				7	

Contengencies:

Only for the severe risks, the minor risk don't need contingencies since they are not a great threat to the project.

ID	PROBLEM	CONTENGENCIES	TI
1	Bad working enviroment	1. Analise the team and the people by psicological evaluations, then distribute the groups in somewhat the following way: The most extroverive and resposible must be asigned the lider position in the group of people who will benefit for working in a team while introvertive people are more eficient working along and must be handle tasks acordingly	
2	Unkown tech	1. Train the employees in the necessary technology	
		2. Hire employees that have the necessary skills	
3	Little time dedication	1. Hire people more dedicated	
		2. Make a schedule and increase productivity per hour, this will probably have negative effect on the code	
4	Little motivation	1. Hire a psicologist to help improve the motivation in the team	

Iteration 5:

This is the revision for the iteration 4.

The original document of requested changes is as follows:

Planning General deadline: Sunday, January 14th, 24:00.

Juan Chozas: Risk document

The format of this document is an excel spreadsheet. It should be a pdf document. There is signs of accumulation of the past versions, as there are signatures from teams in all documents.

This clearly indicates what team worked on which document, however it does not include any indicators to show if any updates were made by teams working on previous teams' work in previous iterations. In terms of content, there is a "Scorecard" sheet that should be part of the evaluation, as it is barely relevant to this document.

The risks are listed clearly, and coupled with an informative description, in addition to the assessment of their probability and impact.

The only problem is that they are divided into two sheets. The two lists of risks should be merged into one list for clarity. The contingency plan is also organised into separate sheets. With the merged list of risks mentioned earlier, should come a full contingency plan, and a full analysis of risk prioritization. Furthermore, the priority analysis of the first set of risks (that the RiskyPython team worked on) is missing. The evolution report is missing as a whole, as there are not many indicators to show where updates or revisions were made. There are two

separate lists of risks, which could possibly be changes in the risk assessment, or a list arising risks. The contingency plan has is in an identical situation.

Answer:

We have tackle this request by merging all excel into a single pdf document as requested. We have also deleted the part of the specification of the risky python part and added the evolution report at top of this document.

As the request of merging the contingencies with the risk assessment we have rejected it because we think it helps for following our train of though. Separating them into two section makes it clearer because it allows to divide the project into more sections.