

Risk [1]	Description [2]	Probabil [3]	Impac [4]	Expos [5]	Classificati [6]	Ow [7]	Prevention Strat [8]	Migation Plan [9]	Status [10]
1	Not enough memory available for the app and data	0.80	Low	0.80	Technical				
2	Too much cpu usage	0.75	Medium	3.75	Technical				
3	Sensor data too slow to use effectively	0.20	Medium	1.00	Technical				
4	The garbage collector delays the application preventing real time analysis	0.80	Medium	4.00	Technical			Skip frames to always analyse the current frame. Perform memory analysis to remove unnecessary objects.	
5	OpenCV performance is too slow preventing the application from being real time	0.05	High	0.50	Technical	Richy		Add timing metrics between the subsystems to add visibility to the problem	
6	Not enough time is allocated to testing and performance	0.50	Low	0.50	Process	All			
7	Thread priority inversion due to java's lack of proper thread execution	0.10	Low	0.10	Technical			Introduce more concurrency overhead	
8	Scheduling estimations may be overestimated	0.40	Medium	2.00	Process	All		Adjust deadlines accordingly and bring in new tasks as need be.	
9				0.00					
10				0.00					
11				0.00					
12				0.00					
13				0.00					
14				0.00					
15				0.00					
16				0.00					
17				0.00					
18				0.00					
19				0.00					
20				0.00					

- [1] Each risk should have a unique ID. This can be a numeric or sortable alphanumeric.
- [2] Provide a brief description of the risk.
- [3] Enter your estimate of the probability that this risk will occur. This should be a number from 0.0 meaning the risk will never occur (why is it here then?) to 1.0 meaning that the risk will definitely occur.
- [4] Use the dropdown menu to enter your estimate of the impact on the project if this risk occurs. Rate it as potentially having a low, medium, or high impact.
- [5] This is the probability of the risk occurring * its impact using the weigh in the table below right.
- [6] Classify the area that this risk primarily impacts, such as, technical, schedule, reliability, user experience, etc.
- [7] Enter the name of the team member or members who have the primary responsibility for dealing with this risk.
- [8] Enter your strategy to minimize the occurrence of the risk.
- [9] Sometimes it is not possible to eliminate all risks from happening, Enter your work around or plan to handle it, if your prevention strategy does not work, and this risk occurs.
- [10] This should be a running history of the risk.