	Group	Probability	Loss
Project Planning schedule was not realistic	Schedule Risk	High	Medium
Team Members are not experienced enough and can	Performance Risk	Medium	Severe
not learn needed skills fast enough			
Needed Materials are not delivered in time	Schedule Risk	Low	Severe
Project Requirements can not be met in the scheduled time	d Performance Risk	Medium	Medium
Technology not available (we can not find suitable effect algorithms)	Performance Risk	Low	Severe
Raspberry Pi Processor not powerful enough	Performance Risk	Medium	Severe
Changes to specification occur	Schedule Risk	High	Low
Forgot Tasks or Work packages in project Planning	Schedule Risk	Medium	Medium
There is no customer for our product	Market Risks	Low	Critical
Audio Input/Output is not compatible to other modules	Performance Risk	Low	Severe
Power source on rack is not compatible to Raspberry Pi	Performance Risk	Low	Severe
Raspberry Pi Chip cost increases	Cost Risk	Low	Severe
Group member gets sick	Risks associated with external hazards	Medium	Low
Setup of Linux base system does not work on Raspberry	Performance Risk	Low	Low
Missunderstandings in project goal	Performance Risk	Low	Medium
	Governance Risk	Low	Medium
Team Members do not harmonize well			

Combined Risk (Prob x Loss)	Rank Mitigation	
High	1 Check project status regularly and see if it is on track. Ad	apt project
	plan if not on track anymore	
High	2 Split tasks so every team member has to only learn his fi	eld
High	3 Whole project plan would need to be moved back in time	e
Medium	4 Reserve enough time to work on project by all project me	embers
Medium	5 Preparation before project start to check for technology	availability
Medium	6 Prepare to use different algorithms that need less resour	ces
Medium	7 Group has to be able to adapt	
Medium	8 Review project plan when work starts regularly	
Medium	9 Minimizing the loss of the killed project	
Medium	10 Stick to specification	
Medium	11 Provided cables can be adapted with a little soldering	
Medium	12 Be prepared to use other components for sourcing	
Low	13 Other group members have to compensate, plan for buff the end	er time at
Low	14 Aquire linux expertise	
Low	15 Try to review project at half of implementation (ask ques lecture to make sure requiremnts are understood)	stions after
Low	16 Keep up the group spirit from the start	
Low	17 Take care when creating BOM, adapt to delivered parts	