

Risk Matrix					
Car detection project					
Event	Likelihood	Impact	Risk Factor	Management	Risk Category
Unable to create an effective model	8	10	80	Research how to create more effective models	Urgent
Members do not turn up to meetings	6	5	30	Inform members about the content of the meetings and what they need for the next meeting.	Risk may be acceptable
Unavailable hardware	6	4	24	All members have access to google colab which has more than the required hardware for this project.	Risk may be acceptable
Focusing on getting the best accuracy possible	7	2	14	Accept our current accuracy and move on to building up other aspects of the system.	Low risk
Mis prioritization	6	6	36	Look over all requirements of the system and re-evaluate what needs prioritizing.	Risk may be acceptable
A group member is unable to do the work and or is ill	6	7	42	We will follow the code of conduct and assist this member wherever we can	Risk may be acceptable
Data is lost	3	9	27	All code and data we create will be uploaded to github.	Risk may be acceptable
GitHub is inaccessible	2	8	16	In the event of an emergency where we needed the code now. We could use discord to transfer the files. However members are required by the code of conduct to	Low risk
Hardware limitations	7	5	35	If for some reason there are	Risk may be acceptable

				hardware limitations preventing us from achieving a certain goal. Then we will evaluate the need for certain implementations. And go for a preliminary version of the system. Reducing hardware constraints.	
Losing access to github	1	8	8	GitHub always can recover your password/account. Therefore unless the victim loses access to their email account as well (Which is highly unlikely) account recover should not be an issue.	Low risk
Unrealistic schedualling	6	6	36	Relook over how much time we have and attempt to better estimate how much time should be spent on what aspects of the program.	Risk may be acceptable
User interface is difficult to use and or understand.	4	4	16	While this is the first time, we would be developing a UI in python. The program is very simple only requiring a file or image to be sent through.	Low risk
Difficulty understanding other's code.	9	4	36	This shouldn't be an issue due to the code of conduct stating that members must put comments into their code so that	Risk may be acceptable

				we can all understand it. However should this not be the case members should ask the creator of the code to explain how it works.	
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