Risk Register

The main of the risks	Owner of the risks	Reasons	effect	probability	Impact level	Level of the risk	Risks response strategy
Team member leave the team	Team, developing project owner	Personal reason	Work is left for the rest of teammates	Unlikely (2)	Significant (4)	Medium	Team have to reallocate work
Final product does not meet the requirements	Team, developing project owner	Expectation of the team is different to expectation of the stakeholders	Project Failure	Unlikely (2)	Severe (5)	Medium High	Ensure good communication and collaboration with stakeholders. And the team should clarify the requirements as early as possible
Change in the structure of the code.	Developing Team	Major Functions require different programming language that the team chosen	Project restructure	Possible (3)	Significant (4)	Medium High	The plan should be able to change rapidly and research should be done before making important decisions.
End users fail to use the product effectively and efficiently	project owner	Expectations of the team and stakeholders are different to expectation of end users	Project failure	Possible (3)	Significant (4)	Medium High	Supporting service should be provided and guideline should be written clearly before releasing.
Delays and difficulties in obtaining permit to access some sensors	Project owner, the developing team	The time required to obtain permits is more than expected	Delay in releasing the product	Possible (3)	Moderate (3)	Medium	Early request for accessing the permit.
Conflict within the group	The developing team	Different members sharing different point of view	Delay in designing process	Unlikely (2)	Moderate (3)	Low Medium	Team leader and the client make the decision

| | **Impact** | | | | |
Probability	1 Negligible	2 Minor	3 Moderate	4 Significant	5 Severe
5 Very Likely	Low Medium	Medium	Medium High	High	High
4 Likely	Low	Low Medium	Medium	Medium High	High
3 Possible	Low	Low Medium	Medium	Medium High	Medium High
2 Unlikely	Low	Low Medium	Low Medium	Medium	Medium High
1 Very Unlikley	Low	Low	Low Medium	Medium	Medium