Risk register

The main of the risks	Owner of the risks	Reasons	effect	probability	Impact level	Level of the risk	Risks response strategy	Plan for monitoring the risk	Risk status	New Issue needed
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	Keep contact with the team members	Closed	No
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	Review the User story map and discuss with client continuously. Showing the work client regularly to ensure the requirements are met	Open	No
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.	Sufficient research before new coding tasks are assigned.	Open	No
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.	Project owner should research the end users' interest frequently and change the requirements if the users' interest change	Open	No
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.	Keep researching the requirement of the permission to access sensors and prioritise the work according to the time needed	Closed	No
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	Regular team meetings for everyone to ask and discuss	Closed	No
Installation problems	The developing team	Different members use different OS	Some of the team members cannot work on code	Likely (4)	Moderate (3)	Medium	The members who cannot work on code can work on documentation , research and preparation.	Other members who run properly can help fix the errors.	Closed	Yes

Unexpected Risk	The developing team, project owner	Unexpected issues or fail to manage the risk	Time may be needed to solve the risk	Possible(3)	Significant(4)	Medium High	Put the risk into issue board and handle the risk as early as the team can	Regularly review the risk register and discuss any potential risk in meetings	Open	Yes
Ethics Application	The team, project owner	Unable to pass the requirement	Reviewing project details may be needed	Unlikely (2)	Significant (4)	Medium	Work with the client to spot and solve the problem	Check all the requirements and conditions before submitting	Open	No
User testing	The team, project owner	The users do not like the UI	Reviewing the feedback and communication with client is needed	Medium	Medium	Medium	Work with client to discuss the new requirements	Trying to do the user testing early	Open	No

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