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| --- | --- | --- | --- | --- | --- | --- | --- |
| 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 |

Risk Register

Table

Description automatically generated