**Risk Register**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Risk** | **Risk Description** | **Likelihood** | **Impact** | **Severity** | **Owner** | **Mitigation** | **Status** |
| 1 | Insufficient memory | System crashes due to insufficient memory | Low | High | High | student | Increase available memory or implement better memory management strategies to prevent crashes. Regular monitoring and conducting stress to identify potential issues on early | Open |
| 2 | Data Privacy and Security risk | User data could be exposed to unauthorized access or hacking which could have severe consequences for the privacy and security of users. | High | High | Medium | student | Ensuring that the chatbot compiles with the data privacy regulations. | Open |
| 3 | Performance risk | Thers could be a risk that the chatbot may not perform well in terms of accuracy, response in time or reliability | Medium | Medium | Low | student | Testing of chatbot’s functionality and performance as well as monitoring and optimization. | Open |
| 4 | Ethical risk | There is a risk that the chatbot may not be ethically sound, it could offer potentially harmful advice to the users. | Low | High | Medium | student | Consulting medical experts and ensuring chatbot’s algorithms and training data are free of bias, regularly reviewing and updating the chatbot’s content, and having a clear code of ethics and values for the chatbot provider. | Open |

**Notes:**

ID values may be useful to refer back to in your final documentation. Number these in order. This register should be included in the appendix

Risk description provides an outline of the issue

Please use Low, Medium and High to identify the risk level and colour code.

Typically the owner will be you, but it maybe the case in team work or other projects that have external clients, other activities may impact on the project

Mitigation implies on how you will manage the risk and to reduce the likelihood of it occurring

Status – has the risk event now passed. It should indicate an Open and Closed status.