**Risk Assessment**

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| --- | --- | --- | --- | --- | --- |
| **Risk** | **Response Strategy** | **Objective** | **Likelihood** | **Impact** | **Risk Level** |
| **Human Errors** | **Creating Backups of code without changes** | **Reduce the errors and, satisfy the customer’s needs and requirements** | **Low** | **Low** | **1** |
| **Failed Storage** | **Ensure all data is correctly stored and there are backups in place** | **To prevent loss of data** | **Low** | **High** | **7** |
| **Data privacy** | **Encryption** | **To prevent hackers from gaining access to the data.** | **Med** | **High** | **8** |
| **Broken version** | **Submit most recent functional version** | **To have a functioning product suitable for the end user** | **Low** | **High** | **7** |
| **Lost or stolen hardware** | **Ensure that all hardware is stored securely when not in use** | **To prevent hardware from being stolen** | **Low** | **High** | **7** |
| **Not meeting the deadline** | **Use agile approach and good communication to prevent delays** | **Prioritising tasks, spending more time on the difficult tasks** | **Med** | **High** | **8** |
| **Extreme weather conditions** | **Move project work to remote working** | **To ensure work on the project can continue** | **Low** | **Med** | **4** |
| **Incompatible software** | **Ensure the software used is compatible before implementation** | **To ensure the application can be used by the user** | **Low** | **Med** | **4** |
| **Server Maintenance** | **Setting up hardware/virtual machines** | **To have suitable backup and have the website running out of hours** | **Low** | **Low** | **1** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Impact** | | |
|  |  | **Low** | **Medium** | **High** |
| **Likelihood** | **Low** | **1** | **4** | **7** |
| **Medium** | **2** | **5** | **8** |
| **High** | **3** | **6** | **9** |