Risk Assessment – To Do List Project

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| --- | --- | --- | --- | --- |
| Risk | Description | Severity  (Major, High, Medium, Low, Very Low) | Likelihood  (High-Medium-Low) | Mitigation |
| Loss of Internet | A loss of internet could lead to a lack of productivity due to not being able to access online resources needed for tasks. | Major | High | Use hotspot functionality from the phone.  Use a friend’s house and internet connectivity to get back online.  Use paper copies of code/methodology to allow faster productivity once reconnected. |
| Illness | An illness to oneself, possible COVID illness could lead to loss of productivity. | High | Low | Do not go outside or do anything that could get me infected with COVID-19.  General illness is hard to avoid, but the common cold should not side-line me. |
| Personal Injury | A personal injury – For example a broken arm, could mean I cannot type the necessary code required. | Medium | Low | Personal Injury, like illness, can occur at any time.  Best practice is to avoid getting into situations that could occur injury.  Create contingencies for injury. |
| Procrastination | Procrastination, being distracted, is a type of problem that is personal, but could also affect productivity. | Low | High | Create time management tools.  Recognise workable hours and personal concentration levels and coordinate working time around personal conditions. |
| Electrical Faults | Have an electrical outage in the house, room, or just on the computer will lead to loss of working time. | Major | Low | Electrical faults, like internet outages are unavoidable but the same principles apply for mitigation. |
| Human Interference | Distractions from other humans, whether it be at home or from colleagues could lead to loss of productivity | Very Low | Medium | Tell home interferences to go away.  Dependent on what the colleagues need depends on reaction. But I would have to be conscious of my own time and progress on the project. |

Risk Assessment Matrix

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | --- | | SEVERITY | |  |  | |  | |  | |
| |  | | --- | | LIKELIHOOD | | **1** | **2** | | **3** | | **4** | | **5** | |
|  | **LOW** | **LOW** | | **LOW** | | **MEDIUM** | | **MEDIUM** | |
| **1** | **1** | **2** | | **3** | | **4** | | **5** | |
|  | **LOW** | **MEDIUM** | | **MEDIUM** | | **HIGH** | | **HIGH** | |
| **2** | **2** | **4** | | **6** | | **8** | | **10** | |
|  | **LOW** | **MEDIUM** | | **HIGH** | | **HIGH** | | **Major** | |
| **3** | **3** | **6** | | **9** | | **12** | | **15** | |
|  | **MEDIUM** | **HIGH** | | **HIGH** | | **HIGH** | | **Major** | |
| **4** | **4** | **8** | | **12** | | **16** | | **20** | |
|  | **MEDIUM** | **HIGH** | | **Major** | | **Major** | | **Major** | |
| **5** | **5** | **10** | | **15** | | **20** | | **25** | |