**Risk Assessment**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Likelihood | | | | |
| Rare | Unlikely | Possible | Likely | Certain |
| 1 | 2 | 3 | 4 | 5 |

Key:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Impact | | | | |
| Negligible | Minor | Moderate | Major | Extreme |
| 1 | 2 | 3 | 4 | 5 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Risk rating (likelihood\*Impact) | | | | |
| Negligible | Minor | Moderate | Major | Extreme |
| 1-3 | 4-6 | 9-12 | 15-19 | 20-25 |

Risk register 1- Initial Scores and actions

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Risk # | Risk | Cause | Risk event | Likelihood  (1-5) | Impact  (1-5) | Risk Rating  (1-25) | Action  strategy |
| 1. | Lack of experience  and knowledge | Not from a  programming background | Having uncompleted project | 3 | 4 | 12 | Plan the tasks and do extra exercises to gain the experience |
| 2. | Network trouble | Too many people working from home, hence slow internet | Longer time to complete the project | 3 | 5 | 15 | Waiting for the connection to come back |
| 3. | Self- management | Overworking or underworking | Distress and unable to complete project | 2 | 3 | 6 | Have a planned day out with breaks and following a schedule |
| 4. | Worldwide disruption | Severe illness like Covid-19 | Unable to concentrate and do the coursework | 3 | 5 | 15 | Social distancing from people and more cautious who I meet |
| 5. | Unreliable application | Have not done enough testing | Application is harder to use | 4 | 5 | 20 | Making sure to ask for help before it is too late and researching |

Identification of risks along with scores and actions required to avoid the risks:

Risk register 2- Final scores and actions

Analysis of how the project went.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Risk # | Risk | Analysis | Likelihood  (1-5) | Impact  (1-5) | Risk Rating  (1-25) | Action |
| 1. | Lack of experience  and knowledge | Wasted 2 days on a simple task due to lack of experience. | 4 | 5 | 20 | More practice with time will improve my performance. This is my first project of that sorts. |
| 2. | Network trouble | Did not occur | 3 | 1 | 3 | No action |
| 3. | Self- management | Stressing a lot that I will not be able to complete all the tasks within the given period of time. This caused losing concentration and making silly mistakes. | 4 | 5 | 20 | When I was overstressing, I was trying to have couple of minutes to relax and calm down. |
| 4. | Worldwide disruption | Did not occur luckily. | 3 | 3 | 3 | Social distancing from people and more cautious who I meet |
| 5. | Unreliable application | I do not believe that my application is the hardest to use but there is room for improvement. | 4 | 4 | 16 | Cleaner code will make it easier to make changes. |
| 6. | Lack of time | I would have done better if I did have more time. I think since it is my first project of this sorts, I took more time on some bits to understand the problems and solve them. | 3 | 5 | 15 | No action |