IMS Risk Management

Key

Likelihood

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Very Unlikely | Unlikely | Possible | Likely | Very Likely |
| 1 | 2 | 3 | 4 | 5 |

Impact

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Negligible | Minor | Moderate | Significant | Severe |
| 1 | 2 | 3 | 4 | 5 |

Risk Rating Likelihood\*Impact

|  |  |  |  |
| --- | --- | --- | --- |
| Low | Moderate | High | Extreme |
| 1-3 | 4-6 | 8-12 | 15-25 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Ref | Risk | Cause | Effect | Likelihood | Impact | Risk Rating | Action |
| 1 | Lack of time | Poor Time management and lack of planning | Project will not be completed or will show signs of poor implementation | 4 | 5 | 20 | Use the Jira Board well and adhere to a strict schedule |
| 2 | Lack of knowledge | Not asking enough questions in class | The project will show signs of poor or even ineffective coding | 4 | 5 | 20 | Ask for help when needed |
| 3 | Burnout | Working and staring at a screen for too long | Loss of motivation | 2 | 5 | 10 | Take regular breaks |
| 4 | Defective program | Testing was not implemented correctly | Program may not work | 3 | 5 | 15 | Have enough time to get a high coverage of tests |
| 5 | Coronavirus | Ongoing pandemic in the world | May cause me to be too ill to work | 1 | 5 | 5 | Social distance and keep healthy habits |
| 6 | Technical Issues | Power Outages, or data corruption | This would cause me to be unable to work on my project | 1 | 5 | 5 | Push work up to Git regularly |
| 7 | Poor version control management | Not maintaining branches effectively | May not be useful when you need to rollback | 1 | 1 | 1 | Having 3 branches and making sure you are checked out to the correct branch each time |