Likelihood - 1 = Very unlikely | 5 = Highly likely

Impact - 1 = Very low impact | 5 = Very high impact

Rating - 1-10 = Low to medium risk | 11-20 = Medium to high risk | 20-25 = Very high risk

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Reference Number** | **Risk** | **Cause** | **Event** | **Likelihood (1-5)** | **Impact (1-5)** | **Rating**  **(1-25)** | **Action to Prevent Risk** |
| 1 | Loss of internet | Bills not paid, Internet provider having issues | Switch to a different source of internet if possible | 2 | 4 | 8 | Regular cloud backups to prevent loss of work |
| 2 | Loss of power | Power cut to house | Wait until power returns | 1 | 4 | 4 | Regular cloud backups to prevent loss of work, spare system to continue work if possible |
| 3 | Covid-19 infection | Not following government guidelines in regards to Covid-19 | Isolate for 14 days and attempt to delay project deadline | 1 | 5 | 5 | Rest and try to work on project when and if possible |
| 4 | Applications not working | Crashes and generally not functioning | Uninstall and reinstall the application. See application manual | 1 | 3 | 3 | Make sure to have the most up-to-date application installed |
| 5 | To-Do application does not work | Bad coding practices | Change code so the application runs as intended | 3 | 5 | 15 | Follow coding practices and ask for help when needed |
| 6 | Testing coverage does not meet industry standards | Tests do not pass | Change the required code to get at least 80% test coverage | 2 | 4 | 8 | Make use of tests effectively. Look at documentation for effective use |
| 7 | Time management | Not sticking to deadlines | Backlog will not be completed | 2 | 3 | 6 | Use Jira often and maintain Sprint goals |
| 8 | Version control error | Not using Git commands and branching correctly | Ask for help or seek the GitHub guide | 2 | 3 | 6 | Use the correct branching and merging techniques as well as the correct commands |
| 9 | Outage of services e.g. maintenance | Eclipse, Spring or GitHub could be down for maintenance | Use different application e.g. IntelliJ and GitLab | 1 | 3 | 3 | Read announcements on GitHub and Eclipse for scheduled maintenance |