# 1.Risk assessment

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No. | Name of Risk | Response  Strategy | Objective | Likelihood | Consequences | Risk  Score |
| 1 | Project team member(s) will not be in place when required. | Use available software to communicate without the need of travel. Online meetings from home | No time wasted by missing members, allows work from home | 2 | 6 | 12 |
| 2 | Risks associated with any conversions of existing data required before implementation of a new system. | Fork files from repository and load them to check if they are correct | No problem with file conversion | 1 | 5 | 5 |
| 3 | Risks with the hardware and software (the development platform) chosen to perform project development. e.g., can this hardware and software handle the workload required to complete the project? | Ensure that all the apps are up to date and computer fulfils requirements | No time wasted on installing software and ensured that all requirements for the project are fulfilled. | 1 | 4 | 4 |
| 4 | Risk to the project resulting from a mandated/mandatory completion date for the project. | Improve organisation | Ensures that maximum work is done in given time. | 4 | 6 | 24 |
| 5 | The development team is unfamiliar with the environment being used (e.g., is the technology unfamiliar, has the team done this type of work before?). | Spend some extra time on familiarising with programming language, to exercises | Less time wasted on getting stuck on simple problem | 7 | 8 | 56 |
| 6 | Organisation and management | Set up a jira project and follow planned sprints | Ensures maximum efficiency and no burnout | 3 | 5 | 15 |
| 7 | Natural Disaster or Pandemic | Follow government recommendations | No covid-19 contagion | 7 | 2 | 14 |
| 8 | File corruption | Use GitHub version control | No lost or corrupted files | 5 | 7 | 35 |

# 2.Matrix

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Likelihood | Severity | | | |
| Acceptable | Tolerable | Undesirable | Severe |
| Unlikely |  | 2,3,6 | 1 |  |
| Possible |  |  | 4,8 |  |
| Likely |  |  |  | 5 |