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