RISK ASSESSMENT FOR IMS PROJECT   GIE-ANNE FORTUNA SDETDEC20

Risk	Risk Statement	Response strategy	Objectives	Likelihood	Impact	Risk Level
Project Deadline	As it is the first project of training, it can be hard to plan sufficiently with so many integral parts working. Time management can be challenging. Ensuring that the scope is thoroughly fulfilled and leaving an allowance of time for any problems poses another risk.	Effectively use the Jira Board and plan accordingly with story points and estimated time to be spent on each story. Story points can be modified later as work pace is established. Follow the Scrum board as closely as possible.	Reduce the risk of an incomplete or partially non-functional project.	Medium	High	Medium
Equipment issues	Equipment failure such as device (laptop) not working or connectivity issues.	Make commits and push to github as frequently as possible to enable work from a different device if needed. Secure an ethernet cable to ensure a stable connection during sprints.	Reduce the risk of losing progress due to equipment failure.	Medium	Medium	Low
Software issues	As experienced in the past, there are several versions of used IDE, build tools, databases or testing facilities. This can cause incompatibility of versions and risk a non-functional project.	Make sure you use the right versions of software needed. Use ones that were used in the past are proven to effectively collaborate.	Reduce incompatibility issues.	Low	High	Low

Jar file	If the dependencies in this project are not included in the maven package, the jar file produced will not run the application for another user. This is because they do not have all the resources to run the program.	Make sure to have a necessary plugin that configures Maven to compile your package including the dependencies. Check for this in the pom.xml file of the Maven project.	Reduce risk of producing a file that is non-runnable to third party.	Low	Medium	Low
Misinterpret ation of Project Specification	The requirements/checklist may be misinterpreted if instructions are unclear.	Read through the specification carefully. Should there be any doubts, promptly reach out to the trainer as to avoid confusion. The earlier this is done, the better.	Reduce producing a project that does not fit the criteria.	Medium	HIgh	Medium
Github: merge conflicts	When changes are done to the same branch from the origin (Github) side and locally, pulling and pushing may cause merge conflicts.	Do not make changes to the repository on Github. Any commits can be done locally and pushed up to the origin.	Reduce possibility of merge conflicts.	Low	Medium	Low
Insufficient understandi ng of given code	Understanding how the starter project is essential to continuing on and finishing it. Otherwise, any additional code may not align with the given structure and break the whole program.	Make sure the infrastructure is understood before proceeding to make changes.	Reduce the risk of completely veering off the starter project.	Low	High	Low