RISK ASSESSMENT FOR TDL PROJECT   GIE-ANNE FORTUNA SDETDEC20

Risk	Risk Statement	Response strategy	Objectives	Likelihood	Impact	Risk Level
Incomplete project	As there are many moving parts to this project, it is essential to plan it out as to complete it on time.	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	As I am using a new device, software issues arose during learning and more can be encountered during this project.	Make sure the software downloaded are correctly configured and use Github to commit any progress made so as to not lose files to equipment failure.	Reduce the risk of losing progress due to equipment failure.	Medium	Medium	Low
Broken frontend	Some imports using URL such as images/icons may not work in some browsers.	it may be best to download the required images to allow for the web app to be fully functional without external dependencies.	Save needed files.	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

				Medium	HIgh	Medium
Misinterpret ation of Project Specification	The requirements/checklist may be misinterpreted if instructions are unclear. Some specificities like Scrum vs Kanban have been encountered before.	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. Make sure all files are in the required file type.	Maximise client satisfaction by following the Scope closely.	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.	Medium	Medium	Low
Insufficient understandi ng of given code	Since new strategies such as using Hibernate and JPA Repository were introduced, not understanding them thoroughly may result in errors in the backend.	Make sure the infrastructure is understood before proceeding to add new functionalities or make huge changes to the project.	Reduce the risk of being unable to troubleshoot unfamiliar problems.	Medium	High	Medium