

## Risk Management

Our risk assessment process entailed risk identification, analysis, planning, and monitoring. The way we formatted risk was with a risk ID, so then we can refer to risks at ease, by the type of risk, so we know how and where the risk would apply, a brief description of the risk, as to explain what the specific risk would be, the likelihood of said risk, from 1-5, 1 being very unlikely 5 being very likely, the severity of the risk, 1-5, 1 being hardly impactful, 5 being extremely impactful, what we would do to mitigate that risk, and how effective that mitigation would be, rated 1-5, 1 being not very effective, 5 being completely nullifying the risk.

ID TYPE DESCRIP LIKELIHOOD SEVERITY MITIGATION EFFECTIVENESS

ID	Risk Type	Description	Likelihood 1-5	Severity 1-5	Mitigation	Effectiveness 1-5
1	Product	Members being unfamiliar With Java	4	4	Pair people in 2s to ensure work isn't reliant on 1 person	3
2	Product	Members being unfamiliar With Java	4	4	Have consultations with members more familiar with Java	4
3	Project	Members being unavailable during product creation	3	4	Have regular meetings to reassign work and pair people to ensure work isn't reliant on one	5
4	Product	Loss of code due to host website crashing	1	5	Keep local copies of code whenever major changes are made to code	5
5	Project	Communications software used to remotely connect crashing	2	4	Have several means to communicate to each other in case one goes down	4
6	Project	Team member no access to internet	3	5	Have reassignment of work and have pairs assigned to projects	4
7	Project	Developer getting ill and unable to work	3	4	Have set timelines for work and reassess allocation if deadlines are not being met	4
8	Project	Members not attending the scrum meetings	4	3	Be flexible with work allocation to cover people who are not pulling weight	4
9	Project	Members not doing the code they were assigned to do	3	4	Be flexible with work allocation to cover people who are not pulling weight	4
10	Product	Changes being made to the project that do not fit requirements	2	2	Version control and rollback options	5