

Risk Number	Description of Risk	Probability	Impact	Mitigation Plan
1	Unclear or unrealistic requirements and scope	2	5	Ensure that all requirements are reviewed by all members of the team and are thoroughly discussed prior to being confirmed. In addition to this, actively seek out the support from experts (i.e., lecturers and industry professionals) to ensure that the project scope is attainable within the allocated development window
2	Insufficient knowledge and background research of messaging applications	3	4	Carry out an intensive research process prior to beginning the development process to ensure that all team members are well informed
3	Security breach due to passwords being compromised	2	5	Add password encryption and (if feasible) two-factor authentication.
4	Team member falls ill due to ongoing pandemic or is otherwise unable to support the team due to extenuating circumstances	3	4	Promote the Software Tester to the role available.
5	Lost data due to technical failure	2	4	Make regular backups to GitHub and other cloud storage options used by the team.
6	Tasks go over allotted time	2	3	Give buffer for overrun time at end of project - work to a week before actual deadline
7	Team member overwrites an existing file's contents on accident	3	1	Regularly use version control software (i.e, Git - GitHub) so that the file contents can be easily reverted to an older version
8	Users struggle to use the application due to unintuitive user interface (UI)	2	2	Ensure that during the testing stages user feedback is gathered with regards to the usability of the UI
9	Major bug found in testing stage	2	2	Agile development allows for regular testing to prevent large scale bugs at the end of the project.
10	Team member struggles to engage with the group or is not actively communicating with the rest of the team	3	4	The team must have frequent check-ins to ensure how all team members are handling their work load and if anyone requires assistance with managing their own tasks they are encouraged to seek help from the rest of the team.
11	Member conflict occurs due to differing opinions	3	5	The team makes use of the quality vote to make the final decision to resolve the conflict
12	Team experiences issues with computational resources	1	3	Contact the team's assigned tutor for support in gaining access to university resources.
13	Member experiences issues with handling the work load	3	4	The team reviews the assigned task in order to break it down amongst other members to help support the struggling member

[illegible]