

5.0 Risk analysis and prioritisation

5.1 Likelihood and Severity Ratings for Known Risks and Mitigations.

Rating scale 1-4 where 4 is highest risk or severity.

Risk	Category	Likelihood	Severity	Risk Rating
Final build may not be completed in the short 6 day window due to unforeseen problems.	Schedule	2	4	8

Mitigation	The final build phase was extended to 2 weeks
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Many members of team are working with PHP at first time.	Schedule	3	3	8
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Mitigation	Tasks have to be planned with extended time to learn PHP
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Export to Excel functions may require a plugin or extension and may not be implemented due to lack of time or plugin.	Resources	2	3	6
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Mitigation	Begin research on Excel plugins early. Check that the office actually uses Excel.
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Key members of team with high programming skills could have sickness in developing stage (we have only 2 weeks for developing)	Resources	2	3	6
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Mitigation	Final build will use distributed tasks for programming
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Only 2 weeks for developing stage	Resources	2	3	7
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Mitigation	Involve all members of team in developing processes.
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Planning to build in MySQL and convert to PostGreSQL later could lead to an unusable product for its intended environment.	Quality	2	3	6
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Mitigation	Build in PostGreSQL or plan tests up-front for conversion.			
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A lot of additional features over main functionality	Quality	2	2	5
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Mitigation	Team has to develop main functionality first.			
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Users may not intuitively understand the interface.	Performance	2	3	6
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Mitigation	Plan user testing on prototype.			
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The chat functionality may be a confusing workflow for supervisors to manage project applications.	Performance	3	3	9
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Mitigation	Plan user testing on prototype.			
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