

Risk Assessment

Description	Evaluation	Likelihood	Impact Level	Responsibility	Response	Control Measures
Broken build of application	Build of application may have issues or missing requirements	High	High	Developer	Revert production to most recent stable version	- Automate testing before deployment
Developer illness	Build of application may have issues or missing requirements	Low	High	Project Manager	Request extension to project deadline	- Decrease scope - Negotiate deadline extension
Inaccurate estimations	Build of application may have issues or missing requirements	Medium	Medium	Project Manager	Focus on critical tasks to meet the MVP before going off-piste	- Plan sprint using JIRA and allocate time using story point estimates - Allow time within the estimates for research unfamiliar areas - Decrease scope
Poor quality code	Build of application may have issues or missing requirements	Low	High	Developer	- Code review / Cleanup - Peer reviews	- Implement user acceptance criteria to ensure the MVP is met - Code reviews - Follow proper formatting standards - Test all code before delivering the finished product
Poor productivity	Developers may fall behind on planned timeframes due to poor	Medium	Medium	Developer	- Focus on critical tasks to meet the MVP - Make up unproductive	- Regular breaks to avoid burn-out - Set achievable timeframes

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	productivity				time	- Maintain a sustainable pace
Hardware failure	Hardware being used to write the application may fail	Low	Low	Developer	Create a pull request from GitHub on another machine	- Regular breaks to avoid burn-out - Set achievable timeframes - Maintain a sustainable pace

Risk Assessment Matrix

		Impact		
		Low	Medium	High
Likelihood	High			Broken build
	Medium		Inaccurate Estimations Poor Productivity	
	Low	Hardware Failure		Developer Illness Low Quality Code