

**Proposed Risk Analysis table**

#	Risk Event	Probability/100	Impact, weeks	Score, weeks	Effect	Risk Mitigation Plan	Person responsible for implementing control
1	Hardware delivery delays	30	3	0.9	Pushes back integration and test schedule	Place early orders; use reserve budget for alternate suppliers	Ethan
2	SDR/ML integration slower than expected	40	4	1.6	Delays classification testing	Start integration in parallel; assign backup developer	David
3	Drone crash during testing	20	5	1	Hardware loss, replacement needed	Conduct incremental indoor testing; maintain spare parts	David
4	Beacon interference in test environment	25	2	0.5	Reduced classification accuracy	Test in multiple environments; add shielding/filters	Ethan
5	Team member unavailable	15	2	0.3	Reduced progress on assigned tasks	Cross train team members; maintain shared documentation	Ethan
<b>Total risk :</b>				<b>4.3</b>			