

**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 schedue	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 incrementall indoor testing; maintain spaare parts	David
4	Beacon interference in test environment	25	2	0.5	Reduced classification accuracy	Test in multiple environments; add shielding/filtters	Ethan
5	Team member unavailable	15	2	0.3	Reduced proffress on assigned tasks	Cross train team members; maintain shared documentataion	Ethan
Total risk :				4.3			