

Criteria	Low	Medium	High
Creativity use of AI	<ul style="list-style-type: none"> <li>• Demonstrates some creativity in engineering design or application of AI.</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrates significant creativity in engineering design or application of AI.</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrates significant creativity in engineering design and application of AI.</li> </ul>
Engineering Design	<ul style="list-style-type: none"> <li>• Identification of appropriate solution to address the problem statement.</li> <li>• Development of a design and plan.</li> </ul>	<ul style="list-style-type: none"> <li>• Exploration and consideration of alternative AI technologies to address the problem statement.</li> <li>• Practical and thoughtful consideration in design.</li> </ul>	<ul style="list-style-type: none"> <li>• Exploration and consideration of alternative AI technologies to address the problem statement effectively.</li> <li>• Practical and thoughtful consideration in design, under various scenarios.</li> </ul>
Research Question	<ul style="list-style-type: none"> <li>• Identification of a practical need or a problem related to COVID-19 situations to be solved by Machine Learning and Drone.</li> <li>• Identify a stakeholder (i.e. person or organization that would be impacted or benefited from your solution) and requirements for the proposed solution.</li> </ul>	<ul style="list-style-type: none"> <li>• Clear description of a practical needs or problem related to COVID-19 situations to be solved by Machine Learning and Drone.</li> <li>• Identify two stakeholders (i.e. person or organization that would be impacted or benefited from your solution) and requirements for the proposed solution.</li> </ul>	<ul style="list-style-type: none"> <li>• Clear and concise description of a practical needs or problem related to COVID-19 situations to be solved by Machine Learning and Drone.</li> <li>• Identify more than two stakeholders (i.e. person or organization that would be impacted or benefited from your solution) and requirements for the proposed solution.</li> </ul>
Implementation	<ul style="list-style-type: none"> <li>• Able to provide an update on implementation progress.</li> <li>• Able to implement some part of the prototype.</li> <li>• Able to demonstrate some AI classification.</li> </ul>	<ul style="list-style-type: none"> <li>• Able to provide an update on implementation progress.</li> <li>• Able to implement most parts of the prototype.</li> <li>• Able to demonstrate some AI classification under more than one situation.</li> </ul>	<ul style="list-style-type: none"> <li>• Prototype demonstrate the proposed design.</li> <li>• Prototype able to function in multiple situations.</li> <li>• AI able to classify and detect function in all situations.</li> </ul>