

2016 Idea Challenge Application

1. Project Name: Artemis Child Saftey Seat

1. Team Members:

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| --- | --- | --- | --- | --- | --- | --- |
| Name | Student E-mail Address | Personal E-mail Address | Phone Number | Current Year in School | Major | Primary Contact |
| Joshua Kraunelis | [Joshua\_kraunelis@student.uml.edu](mailto:Joshua_kraunelis@student.uml.edu) |  | 978-697-4528 | Graduate | Computer Science | Email |
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1. Advisor(s)/Mentor(s): (Optional)

|  |  |  |
| --- | --- | --- |
| Name | E-mail Address | Affiliation |
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1. Questions:
   1. Describe your idea/project.

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| “Smart” car seat that detects when a child has been left in the backseat of an automobile. |

* 1. What type of issue/problem does your idea/project address?

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| Child welfare in situations where child is likely to suffer from heat stroke or hypothermia. |

* 1. What is unique about the way your idea/project addresses this problem?

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| Combination of external sensors and vehicle diagnostic systems to detect situation and alert driver. |

* 1. Who will benefit from your idea/project?

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| Families with children who ride in car seats. |

* 1. Where are you in the design or development of this idea/project?

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| Initial design phase. |

* 1. Will you work on pursuing your idea/project after you graduate? Yes No Maybe (Check boxes then pop up below questions depending what they answer on the check box)

* + 1. If yes, how can/will your idea/project be sustained beyond the completion of your graduation?

* + 1. If no, why will you be unable to work on or pursue this idea/project after you graduate?

iii. If maybe, how might your idea/project be sustained after you graduate?

We can continue to engage with and leverage resources from agencies such as the MA DoT and local police/fire forces.

* 1. Why is this idea/project important to you?

We are dedicated to applying our skills to help ensure the safety and well-being of children.