

Entrepreneurial: After-Market Child Detection for Car Seats

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Summary

cars due to heat stroke shows no sign of decreasing. 743 children have died due to pediatric vehicular heatstroke since that detects when a child is left in a vehicle that is subject to dangerous 1998. Our goal was to develop a device temperatures, and alert necessary The number of infant fatalities in parked

Targets

- Detect Temperature
- 70-120°F
- Withstand Temperature ■ 0-200°F
- Detect Child in car seat Determine temperature rate of change
- Communicate to user

Compatibility

> 5 top selling car seat brands

Entrepreneurial Aspects

- Product Name: KinderGuardian
- InNOLEvation Challenge: Business Model Competition with a potential solutions. focus on identifying problems and
- ❖ COE Shark Tank Competition
- competition STEM-based business pitch FAMU-FSU College of Engineering
- finals on April 12, 2018 Our team will participate in the



Design



State Diagram



Child detected

Child removed

Child removed







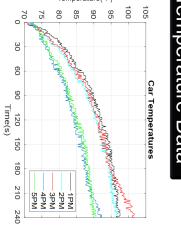
Critical Temp reached

Repeat until child is removed

Temperature Data

critical

temperature reaches Repeat until child is removed or



Future Work

- Proximity August
 Partnership with Wireless Carrier, smartphone compatibility