

Team Name: sddec21-proj07

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Report Period: March 1-12

Summary of Progress in this Period

- We have dropped the design of the CANbus + Radio transiever due to regulatory issues and have decided to move forward with a Zigbee + CANbus design, that will make BeagleBone Green a Zigbee wireless hub in the automotive market.
 - Received approval from client and advisor for said design.
 - Prioritizing work to implement Zigbee functionality to cape design first, before moving forward with OBD2 CAN.
 - Received testing hardware from the client to start researching software capabilities and designing a cape.
 - Researching parts and hardware necessary to complete the project idea.
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Pending Issues

- Need to narrow down scope to which additional sensors to demo with, and start including them in design plans
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Plans for Upcoming Reporting Period

- Select hardware IC's
 - Read datasheets on IC's
 - Start familiarizing with KiCAD
 - Experiment with BeagleBoard development ecosystem
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