

**EE/CprE/SE 492 BIWEEKLY REPORT 2**

**Sep 14th, 2023 – Sep 27th, 2023**

**Group number: sddec23-19**

**Project title: Bluetooth-Enabled Ingestible Capsule to Monitor Gut Activity**

**Client &/Advisor: Santosh Pandey**

**Team Members/Role: Chase Thompson, Cutler Thayer, Tucker Thomas, Robert Zukowski**

○ **Weekly Summary**

Presented first set of PIRM slides.

○ **Past week accomplishments**

- **Chase Thompson:** Continued working on the computer vision prototype
- **Robert Zukowski:** Finished  $\frac{1}{3}$  of Nordic Bluetooth Course. Worked on schematic.
- **Cutler Thayer:** Continued working on computer vision prototype and clarified classifications.
- **Tucker Thomas:** Determined weekly meeting schedule

○ **Individual contributions**

<b><u>NAME</u></b>	<b><u>Individual Contributions</u></b>	<b><u>Hours this week</u></b>	<b><u>HOURS cumulative</u></b>
Chase Thompson	Continued working on the computer vision prototype	2	3
Robert Zukowski	Bluetooth course and schematic design.	4	7
Cutler Thayer	Continued working on computer vision prototype by refining classification standards	3	6
Tucker Thomas	Determined weekly meeting time (Thursday 1-2)	2	4

○ **Plans for the upcoming weeks**

- All Team Members: Come up with a shared goal for the final prototype.
- Chase Thompson:
- Robert Zukowski: Finish online bluetooth class. Finish schematic.
- Cutler Thayer: Set in stone how images are classified and finish basic functionality of the prototype.
- Tucker Thomas: Consult with advisor for next steps