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**My goals for this week were to:**

Think of some project ideas and consider their relative merits and potential pitfalls, then choose one of them and pick an advisor to go with it.

**I made the following progress on these:**

I've come up with a handful of project ideas that interest me and started considering them, doing a little bit of preliminary research to get a better idea of how feasible, well-defined, and exciting to me they are.

This work included reading the first three chapters of *An Invitation to Applied Category Theory* which took up the bulk of my time spent this week. I also read the first two chapters of *An Introduction to Systems Biology*, the first chapter of both *Actual Causality* and *Data-Driven Science and Engineering*, and the paper "*Sound Synthesis Based on Ordinary Differential Equations*." It should be noted that, aside from the category theory book, these were all quick reads with no exercises worked.

I also met with Dr. Ashley to discuss two of the ideas that I was most excited about, and after thinking it through with him I've chosen my topic.

I estimate I worked 10 hours outside of class on capstone since my last weekly meeting with my capstone advisor.

**I have the following questions and concerns I want to discuss with my capstone advisor:**

I want to discuss which of my project ideas best fits with the constraints and expectations of the course.

**Some tentative goals for the coming week are:**

To write out a rough curriculum and schedule for this term to keep me from getting too distracted.