# Week 1

This week, I met my supervisor, Dr. Judhi Prasetyo. I presented all my ideas to him, and he gave his feedback on all of them. He was able to provide me with a clear path in pursuing each of them. I like that he made all my ideas more feasible with some adjustments. However, I am not content with all the ideas I presented to him. I will continue searching for more ideas.

## Week 2

This week, after researching, I found a project I would enjoy working on, an AI-automated waste Recycling Bot. The idea looked complicated, so I approached my supervisor, who found a way to simplify it. Instead of detecting 4 different waste classes, I can detect two waste classes, e.g., Plastic/Can. These waste classes will be based on how harmful they are to recycling. Also, he told me that I could use a material other than metal for the bot’s chassis. I will have to research how I want the device to look.