**Day 7 Plan**

**Morning**

* Finish Line Bot
* Journal - Reflection

**Break**

**Lunch**

**Afternoon & Late Afternoon**

* Discuss Artificial Intelligence
  + Weak AI (“Applied AI”) – Using software to accomplish specific tasks (not all of what a person can do)
  + Strong AI – artificial intelligence that matches or exceeds human intelligence

* + Deduction, reasoning, problems solving
    - Math problem solver
  + Knowledge Representation
    - Best way to represent information for use
      * Ex. Map instead of written description
  + Planning
    - Darpa Grand Challenge, route planning
  + Learning
    - Ex. Asimo learning about knew objects
  + Natural Language Processing
    - FakeSpeare, Language Translator
  + Motion and Manipulation
    - Fast hand
  + Perception
    - Computer Vision, Pattern Matching
      * Ex. Asimo again
  + Social Intelligence
    - * Turing Test
      * Ex. “the Doctor” – emacs (DEMO)
  + Creativity
  + General Intelligence
* Begin Face – Bot
  + Specification:
    - Be able to interact with it using 3 sensors
    - Be able to make 3 expressions
      * Say something with expressions