Week 1 Status Report

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## Status: Green

## Week 1 Objectives

* (Complete) Establish project binder and github repository for Capstone project
* (Complete) Finish Capstone Project Outline document
* (Complete) Investigate OpenCV feasibility (“ball tracking” demo code)

## Week 2 Objectives

* First draft of Capstone Project Proposal document
* Acquire air hockey table dimensions
* Order mechanical parts for paddle controller mechanism
* Investigate options for paddle controller hardware
  + Motors with integrated encoders
  + Microcontrollers with 3+ motor drivers & encoder inputs
* Get OpenCV running on Raspberry Pi with USB webcam
* Investigate maximum puck velocity to derive camera speed requirements