**Project Status Report – Week 10**

2018-03-23

**Project Name:** ESE Capstone I **Team Members:** David Eelman, Stanislav Rashevskyi, Thomas Abdallah

**Project Overall Status:** Green

**Status Overview:**

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| **Activity Title** | **Status**  (Last Week) | **Status**  (This Week) | | **Plan**  (Next Week) |
| **Plan** | **Actual** |
| **Paddle Controller Prototyping**  Responsible: Thomas  Due: Ongoing | Green | ~~X-Axis velocity control~~, prototype Y-Axis position control | Green | Implement CAN communication for position control. Integrate limit switches & homing routine. |
| **Puck Tracker Prototyping**  Responsible: David  Due: Ongoing | Green | Implement localization methods on air hockey table | Green | Improve fiducial markings and puck localization. |
| **Puck Tracker System Design**  Responsible: David  Due: 2018-03-23 | Green | Research mounting mechanisms | Green | Document system architecture. |
| **Master Controller System Design**  Responsible: Stan  Due: 2018-03-23 | Green | Prototype data logging | Green | Implement CAN communication for position control. |
| **Paddle Controller System Design**  Responsible: Thomas  Due: 2018-03-30 | Green | Mechanical design refinement | Green | Preliminary schematics & I/O list. Investigate encoder options for new motors. |