**Project Status Report – Week 8**

2018-03-09

**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 Control Mechanical Prototyping**  Due: Ongoing | Yellow | Powered X-Axis | Green | X-Axis position control |
| **Puck Tracker Prototyping**  Due: Ongoing | Green | Object detection robustness improvements. | Green | Localization development |
| **System Interface Design**  Due: 2018-03-16 |  | Initial design documented. | Green | Maintain design |
| **Puck Tracker System Design**  Due: 2018-03-23 |  | Evaluate sensor options.  Evaluate processing power requirements. | Green | Research motion blur |
| **Master Controller System Design**  Due: 2018-03-23 |  | Evaluate programming language options.  Evaluate communication options. | Green | Start prototyping data logging |
| **Paddle Controller System Design**  Due: 2018-03-30 |  | Draft hand-calculations for system with non-linear acceleration. | Yellow | Draft hand-calculations for system with non-linear acceleration. |