**Project Status Report – Week 6**

2018-02-23

**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** |
| **Specification and Plan Document**  Due: 2018-02-23 | Green | Final document complete. | Green |  |
| **Paddle Control Mechanical Prototyping**  Due: Ongoing | Yellow | All parts received. Assembly underway. | Yellow | Powered X-Axis |
| **Puck Tracker Prototyping**  Due: Ongoing | Green | No activity planned | Green | Object detection robustness improvements. |
| **System Interface Design**  Due: 2018-03-16 |  |  |  | Initial design documented. |
| **Puck Tracker System Design**  Due: 2018-03-23 |  |  |  | Evaluate sensor options.  Evaluate processing power requirements. |
| **Master Controller System Design**  Due: 2018-03-23 |  |  |  | Evaluate programming language options.  Evaluate communication options. |
| **Paddle Controller System Design**  Due: 2018-03-30 |  |  |  | Draft hand-calculations for system with non-linear acceleration. |