**Project Status Report – Week 2**

2018-01-26

**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** |
| **Project Proposal Document**  Due: 2018-02-09  Responsible: All | N/A | First draft of document complete. | Green | Second draft complete.  All sections content present. |
| **Air Hockey Table Acquisition**  Due: 2018-01-26  Responsible: Thomas | N/A | Acquire a working air hockey table. | Green | N/A |
| **Paddle Control Mechanical Prototyping**  Due: Ongoing  Responsible: Thomas | N/A | Measure air hockey table dimensions.  Model air hockey table in Solidworks. | Green | First pass of belt drive mechanism for prototyping / experimentation. |
| **System Requirements Development**  Due: TBD  Responsible: All | N/A | Investigate maximum puck velocity to derive puck tracker speed requirements. | Yellow | Investigate maximum puck velocity to derive puck tracker speed requirements. |
| **Puck Tracker Prototyping**  Due: TBD  Responsible: All | N/A | Investigate mechanisms to locate puck on playing surface. | Green | Measure resource utilization running OpenCV on embedded Linux system. |