**Milestone Plan**

Week 9 – All parts ordered. Preliminary code finished.

Tristan – Preliminary code. Robotics part ordering.

Devon – Nerf gun ordering.

Week 10 – All parts received. Chassis build begun. Servo/wheel subsystem tested.

Tristan – Code for Servos. Robotics part receiving.

Devon – Assembly of chassis. Nerf gun receiving.

Week 11 – Chassis complete. Servo/wheel subsystem debugged and integrated.

Tristan – Code for servos. Software debugging.

Devon – Assembly of chassis. Hardware debugging.

Week 12 – Color sensor subsystem tested and debugged. Proximity sensor subsystem tested, debugged, and integrated. Boundary detection subsystem tested and debugged.

Tristan – Code for color sensor, proximity sensor and boundary detection. Software debugging.

Devon – Wiring of color sensor, proximity sensor and boundary detection. Hardware debugging.

Week 13 – Projectile launcher subsystem tested and debugged. Subsystem demonstration given.

Tristan – Code for projectile launcher. Software debugging.

Devon – Wiring of projectile launcher. Hardware debugging.

Week 14 – All subsystems integrated. Overall system debugging begun.

Tristan – Software integration. Software debugging.

Devon – Subsystem mounting. Hardware debugging.

Week 15 – System debug finished. Presentation begun. Preliminary demo made.

Tristan – Presentation creation. Software debugging.

Devon – Presentation creation. Hardware debugging.

Week 16 – Presentation finished. Final demonstration given.

Tristan – Presentation creation. Software debugging.

Devon – Presentation creation. Hardware debugging.

Week 17 – Presentation given.