**Revisions #1:**  January 31st, 2014

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| Week | Activity |
| 3 – Jan 20, 2014 | Order missing elements. Research Python language and required BrickPi libraries. |
| 4 – Jan 27, 2014 | Start design of the turret. Test ordered parts. |
| 5 – Feb 3, 2014 | Status Report #1 – progress to date.  **Continue designing the turret. Include rotation and tilt and also a platform where a small breadboard can be mounted for the PIR Sensor. Turret will rotate the BrickPi as well to avoid wire tanglement.**  *Build turret to design specs.* |
| 6 – Feb 10, 2014 | **Start coding the turret and build the turret once new parts arrive.**  *Start coding the movement and the shooting mechanism.* |
| X – Feb 17, 2014 | Reading Week, no classes.  **Build turret and start coding the turret ASAP ( Spend at least 3-4 hours every day)**  *Continue with coding core pieces.* |
| 7 – Feb 24, 2014 | Research PIR sensor and start to code automatic mode using the PIR sensor. |
| 8 – Mar 3, 2014 | Status Report #2 – progress to date.  Continue coding automatic mode. |
| 9– Mar 10, 2014 | Research remote controllers to use with Raspberry Pi |
| 10 – Mar 17, 2014 | Implement manual mode utilizing a remote controller. |
| 11 – Mar 24, 2014 | Final polish of design and code. |
| 12 – Mar 31, 2014 | Status Report #3 - progress to date. |
| 13 – April 7, 2014 | Physical project complete, completion of report and presentation. |
| 14 – April 14, 2014 | Project Presentation to CNT and the English department. |
| 15 – April 21, 2014 | Project report complete and handed in for grading at the start of the week. |

**Risk:** Insufficient LEGO parts to complete design, did not include BrickPI to design.