

Project Title: IoT Sensor Blinding

Faculty Sponsor: Dr. TJ O'Connor [toconnor@fit.edu](mailto:toconnor@fit.edu)

Client: Dr TJ O'Connor

Progress of milestone 1:

| Progress                      |              |              |               |               |              |               |             |
|-------------------------------|--------------|--------------|---------------|---------------|--------------|---------------|-------------|
| Task                          | Completion % | Jeremy Gluck | Alex Winstead | Cole Clements | Xuchao Jiang | Todd St. Onge | To Do       |
| Build Laboratory              | ??%          |              |               |               |              |               | ??          |
| Recreate Past Research        | 0%           |              |               |               |              |               | Acquire Lab |
| Create Requirement Document   | 100%         | 20%          | 50%           | 0%            | 10%          | 20%           | None        |
| Create Design Document        | 50%          | 5%           | 30%           | 0%            | 10%          | 5%            | Write       |
| Create Test Plan              | 100%         | 20%          | 50%           | 0%            | 10%          | 20%           | None        |
| In-Class Presentation         | 100%         | 25%          | 25%           | 0%            | 25%          | 25%           | None        |
| Preform In-Class Presentation | 100%         | 20%          | 20%           | 20%           | 20%          | 20%           | Done        |
| Compile Shopping List for Lab | 100%         | 33%          | 33%           | 0%            | 0%           | 33.33%        | Shipping    |

Discussion:

- Completing the Requirement Document and Test Plan involved researching industry standards for compiling such documents. Dr O'Connor gave suggestions as to the content of certain sections of the requirement document.
- Jeremy Gluck provided the outline for the requirement document and Alex Winstead provided the outline for the test plan and the design document. Todd St. Onge wrote on the hardware necessities of the project. Jeremy Gluck, Alex Winstead, Xuchao Jiang, and Cole Clements wrote on the software elements of the project.

Plans for milestone 2:

| Goals                   |              |               |               |              |               |
|-------------------------|--------------|---------------|---------------|--------------|---------------|
| Task                    | Jeremy Gluck | Alex Winstead | Cole Clements | Xuchao Jiang | Todd St. Onge |
| Capture Network Traffic | 20%          | 20%           | 20%           | 20%          | 20%           |
| Recreate Past Research  | 20%          | 20%           | 20%           | 20%          | 20%           |

Discussion:

- A showcase of past research shall be exhibited on milestone 2
- The Lab will be in use 10 hours a day/ 5 days per week so data will be collected from all devices

Dates of meetings with Dr. O'Connor: 5 September 2019, 19 September 2019

Faculty Sponsor Signature:\_\_\_\_\_ Date:\_\_\_\_\_

Deliver to Dr Chan

|               |   |   |   |   |   |     |   |     |   |     |   |     |   |     |    |
|---------------|---|---|---|---|---|-----|---|-----|---|-----|---|-----|---|-----|----|
| Score         |   |   |   |   |   |     |   |     |   |     |   |     |   |     |    |
| Jeremy Gluck  | 1 | 2 | 3 | 4 | 5 | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 | 9.5 | 10 |
| Alex Winstead | 1 | 2 | 3 | 4 | 5 | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 | 9.5 | 10 |
| Cole Clements | 1 | 2 | 3 | 4 | 5 | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 | 9.5 | 10 |
| Xuchao Jiang  | 1 | 2 | 3 | 4 | 5 | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 | 9.5 | 10 |
| Todd St. Onge | 1 | 2 | 3 | 4 | 5 | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 | 9.5 | 10 |

Faculty Sponsor Signature: \_\_\_\_\_

Date: \_\_\_\_\_