

# Project Implementation and Evaluation Plan

Electrical Engineering and Computer Science  
Howard University

## Senior Design Class

|                       |             |                                       |                  |   |
|-----------------------|-------------|---------------------------------------|------------------|---|
| <b>Date:</b> 1/24/18  |             |                                       |                  |   |
| <b>Team Name:</b>     |             | Sensor Network                        |                  |   |
| <b>Project Title:</b> |             | Wireless Temperature Sensor Network   |                  |   |
| <b>Team Members:</b>  |             | Sean Grant                            |                  |   |
|                       |             | Kolby Lacy                            |                  |   |
| <b>Mont</b>           | <b>Week</b> | <b>Tasks</b>                          | <b>Member in</b> | <b>Monthly</b>                                      |
| Jan                   | 1           |                                       |                  | Fully functional database code                      |
|                       | 2           |                                       |                  |   |
|                       | 3           | Write code for database communication | Sean             |   |
|                       | 4           | Write code for node measurements      | Kolby            |   |
| Feb                   | 1           | Research serial communication         | Kolby            | Fully functional temperature node code              |
|                       | 2           | Implement node algorithm              | Sean             |   |
|                       | 3           | Implement on Intel microcontroller    | K&S              |   |
|                       | 4           | Test functionality                    | K&S              |   |
| Mar                   | 1           | Research transmitting from board      | Sean             | Wireless communication between 5 nodes and database |
|                       | 2           | Research receiving to database        | Kolby            |   |
|                       | 3           | Test functionality                    | S&K              |   |
|                       | 4           | Review/modify code as needed          | S&K              |   |
| Apr                   | 1           | Prepare for demo                      | S&K              | Fully functional temperature sensor network         |
|                       | 2           | Project Demo + Presentation Event     |                  |   |
|                       | 3           |                                       |                  |   |
|                       | 4           |                                       |                  |   |