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|  | **Weekly Team Task Report** | **16** |

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| Team: Team Lora | **Date: 2/3/20** |
| **Project Title: Mobil Crowdsensing Framework Over Low-Power Wide Area Networks** |
|  | RyanPresentOn-time |  | MohammedPresentOn-time |  | BenjaminPresentOn-time |  | BrandonPresentOn-time |

### Recent Meetings:

* Team Meeting (1/28/20) Team meeting via Discord. Discussed function list for our project.
* Client Meeting (1/29/20) Talked about the future of the project and what we had planned.
* Team Meeting (1/30/20) Talked about and planned the weekly tasks for the next weeks.

### TASKS COMPLETED since the last meeting:

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| **Task Title: Update Website** | **Task Initiation:** 1/23/2020 | **Orig. Due Date:** 2/26/2020 | **Status:**100% Completed |
| **Who (%): Mohammed (100%)** |
| **Description:** Add communication strategy doc and weekly task report to the site |
| **Expected Outcome:** Pdf download of the communication strategy doc and weekly task reports should be found on the Lora website |

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| **Task Title: Identify and Assign Modules of Project to Work On** | **Task Initiation:** 1/23/2020 | **Orig. Due Date:** 2/2/2020 | **Status:**100% Completed |
| **Who (%): Ryan (25%) Mohammed (25%) Benjamin (25%) Brandon (25%)** |
| **Description:** Considering our requirements document and the architecture of our planned solution, we will identify the different modules that need to be developed for the working prototype of the project. We will also assign these modules to members of the team to work on. |
| **Expected Outcome:** Cards for these tasks will be created on the team’s Canban board and entries for these tasks will be added to the weekly task report. |

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| **Task Title: Meet With CANIS Lab about their Git repo and Access to** | **Task Initiation:** 1/23/2020 | **Orig. Due Date:** 12/5/19 | **Status:** 100% Completed |
| **Who (%): Brandon (100%)** |
| **Description:** The CANIS Lab has a GitHub repository that has an encoding type that we will be using for message transmission. We require access to this so we can move forward with our solution.  |
| **Expected Outcome:** We will gain contributor status to the repository and integrate that into our current codebase. |

### This week’s Tasks: Work plan for the coming week

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| **Task Title: Create Software Design Document Draft** | **Task Initiation:** 1/23/2020 | **Orig. Due Date:** 2/5/2020 | **Status:** In-Progress30% Completed |
| **Who (%): Ryan (25%) Mohammed (25%) Benjamin (25%) Brandon (25%)** |
| **Description:** Create a draft of the software design document. |
| **Expected Outcome:**  Turn in the completed draft of the software design document to Benjamin for editing. |

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| **Task Title: Edit the Software Design Document** | **Task Initiation:** 1/23/2020 | **Orig. Due Date:** 2/7/2020 | **Status:** In-Progress0% Completed |
| **Who (%): Ryan (20%) Benjamin (60%) Brandon (20%)** |
| **Description:** Edit the software design document to make the voice consistent. Proofread the result. |
| **Expected Outcome:**  Turn in the completed, edited draft of the software design document to Scooter.. |

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| **Task Title: Implement Configuration Service** | **Task Initiation:** 1/30/20 | **Orig. Due Date:** 2/7/20 | **Status:** In-Progress30% Completed |
| **Who (%): Brandon (100%)** |
| **Description:** Implement a prototype of the configuration service |
| **Expected Outcome:** The configuration service prototype can be given a formatted JSON file and return a proper encoding table as a JSON file. |

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| **Task Title: Implement Android Device to LoRa Node Connection** | **Task Initiation:** 1/30/20 | **Orig. Due Date:** 2/7/20 | **Status:** In-Progress0% Completed |
| **Who (%): Ryan (50%) Mohammed (50%)** |
| **Description:** Getting connection between the library and the lora node via kotlin connection |
| **Expected Outcome:** A connection is created. |

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| **Task Title: Implement Basic Proxy Server Loop** | **Task Initiation:** 1/30/20 | **Orig. Due Date:** 2/7/20 | **Status:** In-Progress25% Completed |
| **Who (%): Benjamin (100%)** |
| **Description:** Implement the basic server loop functionality of the proxy server, including its ability to spool off a new thread for each newly received message. |
| **Expected Outcome:** The server can run, receive a message, and spool off a new thread which can identify it is a new thread. |

### Upcoming Tasks: Planning

### Other Problems / Other Issues: