

From: Jack Garrard – *Project Leader*  
Ryan Hitt – *Sponsor Liaison*  
Hannah Caldwell-Meurer – *Scheduling Coordinator*  
Cody Roberts – *Team Treasurer*

To: Kyle Winfree,  
Arnau Rovira

Date: 19 February 2019

Subject: Meeting Minutes

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## Introduction

Throughout the week of February 12th 2019 the Wireless Mesh Testbed team has interacted professionally three times. The first was on 2/12/19 when we met and discussed the upcoming features of the project we needed to focus on. The Team Leader, Jack Garrard met with our Sponsor on Friday and confirmed our plans with her. Over the weekend we focused on preparing documentation for Design Review 3 and the website.

## 2/12 - Team Meeting

Team meeting that took place during the Capstone class period on Tuesday. Jack, Ryan, and Cody were present, Hannah was previously excused. We discussed motivations for the next week of the project.

- Meeting called to order at 2:30 pm
- Stretch goals
  - Wait until further along in the project to consider
  - GUI
  - Mobile phone integration, lower priority
- Ryan is setting up the website
  - Home
  - Team Info
  - Project Info
  - Tech Specs
  - Code
- Need to order a battery pack
- Focus on Prebuilt, custom, or hybrid software
  - <https://ieeexplore.ieee.org/document/7387397>
  - Programs to look at:
  - <https://openwrt.org/>
  - <https://www.opendaylight.org/>



- Team members will look into different options individually
    - Jack will begin network software
  - Meeting closed at 3:00pm
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## **2/15 - Meeting with Sponsor**

After class Jack Garrard met with our client Vigil-Hayes to discuss the current state of the project as well as the types of communications strategies and technologies we would implement later on in the semester. The notes of the interaction are as follows:

- Technology
    - All parts have now come in.
    - Sponsor has Lora antenna base station.
  - Client Contract
    - Approves of current software-centric plan
    - Need to add to document and get signature
  - Wants to set up a better meeting time for whole team
    - Doodle poll
  - Communication Strategies
    - Continue using email
    - No Slack, but team will continue to use this for internal communication
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## **2/18 - Website Update**

Ryan worked on uploading the website and getting up to date information filled in to some of the outline. The team discussed what would work best for how we should present our project and the following changes were made:

- Home Page
  - Blurb updated to be more project specific
- Team Info
  - Includes headshots, email, and position
  - Sponsor info updated, includes link to website
- Project Info
  - Problem, Solution sections added
  - focus more on the scope of the project
- Results
  - Changed from Technical Specifications
  - Focuses on end result and featuring the final product
- Documentation
  - Changed from code
  - 3 subsections added: Code, Hardware, Schedule
  - Pages filled in with temporary info from previous memos



Sincerely,

Wireless Mesh Grid Capstone Team

*Hannah Caldwell-Meurer, Ryan Hitt,*

*Jack Garrard, Cody Roberts*