

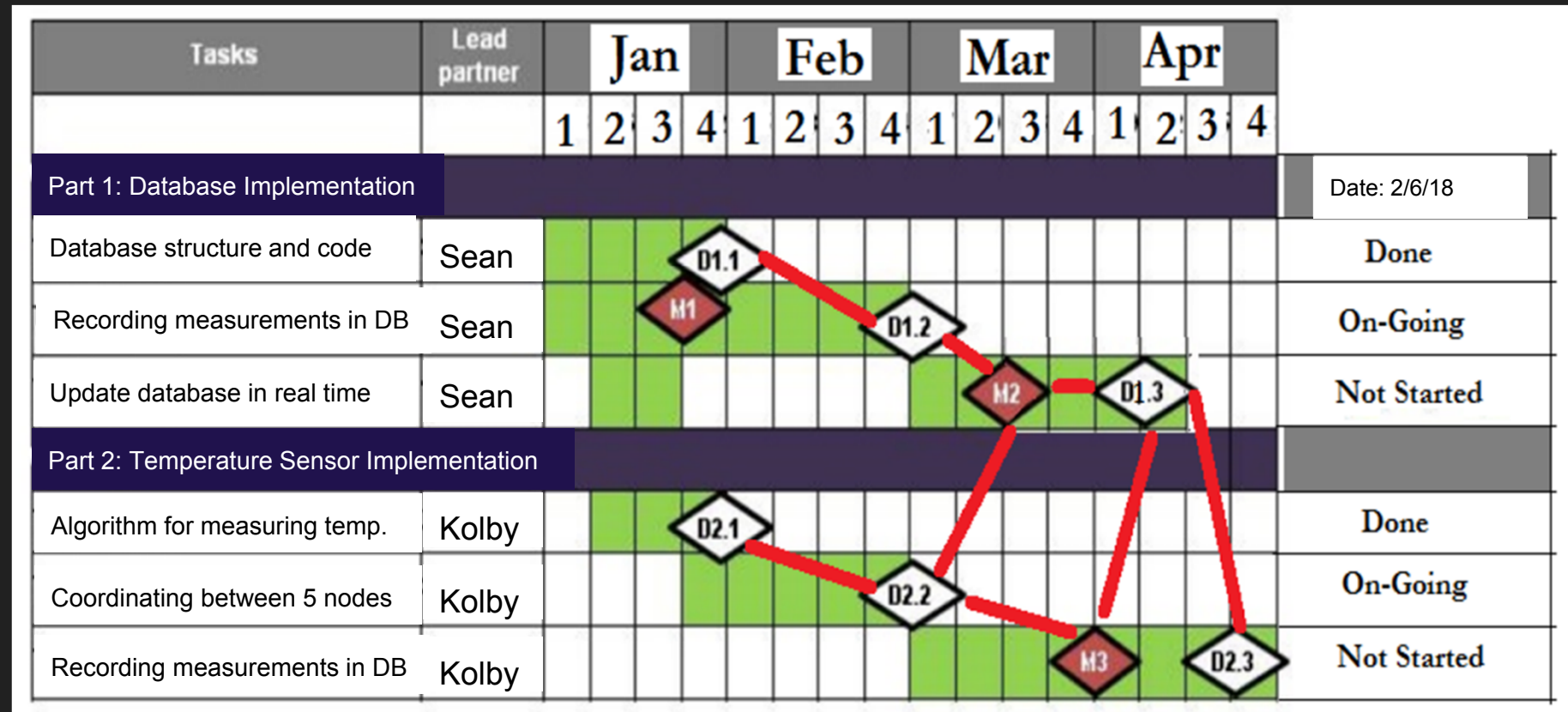
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Senior Design Progress Presentation

Wireless Temperature Sensor Network

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Milestone Summary



Activity Summary

Highlights:

- Python provides user friendly modules for database structure
- Database saves and updates instantaneously once data is received
- Easily Accessible
- Provides filtering options for isolating data

Lowlights:

- Currently waiting on power supply for intel boards
- Unable to load Linux onto the Boards
- Research still needed on how to gather info for multiple nodes at once

Risk Management

- Only risk is not having the power supply soon.
- In the meantime, to not fall behind we will:
 - Collect/write sample sensor test code
 - Create bootable usb for Joule boards

Next Period Activities

Research

- Research Serial Communication for the temperature sensor
- Writing test code for the temperature sensor.

Implementation

- Acquiring documentation for installing Linux onto Joule boards
- Next major milestone is to have code running on temperature sensors