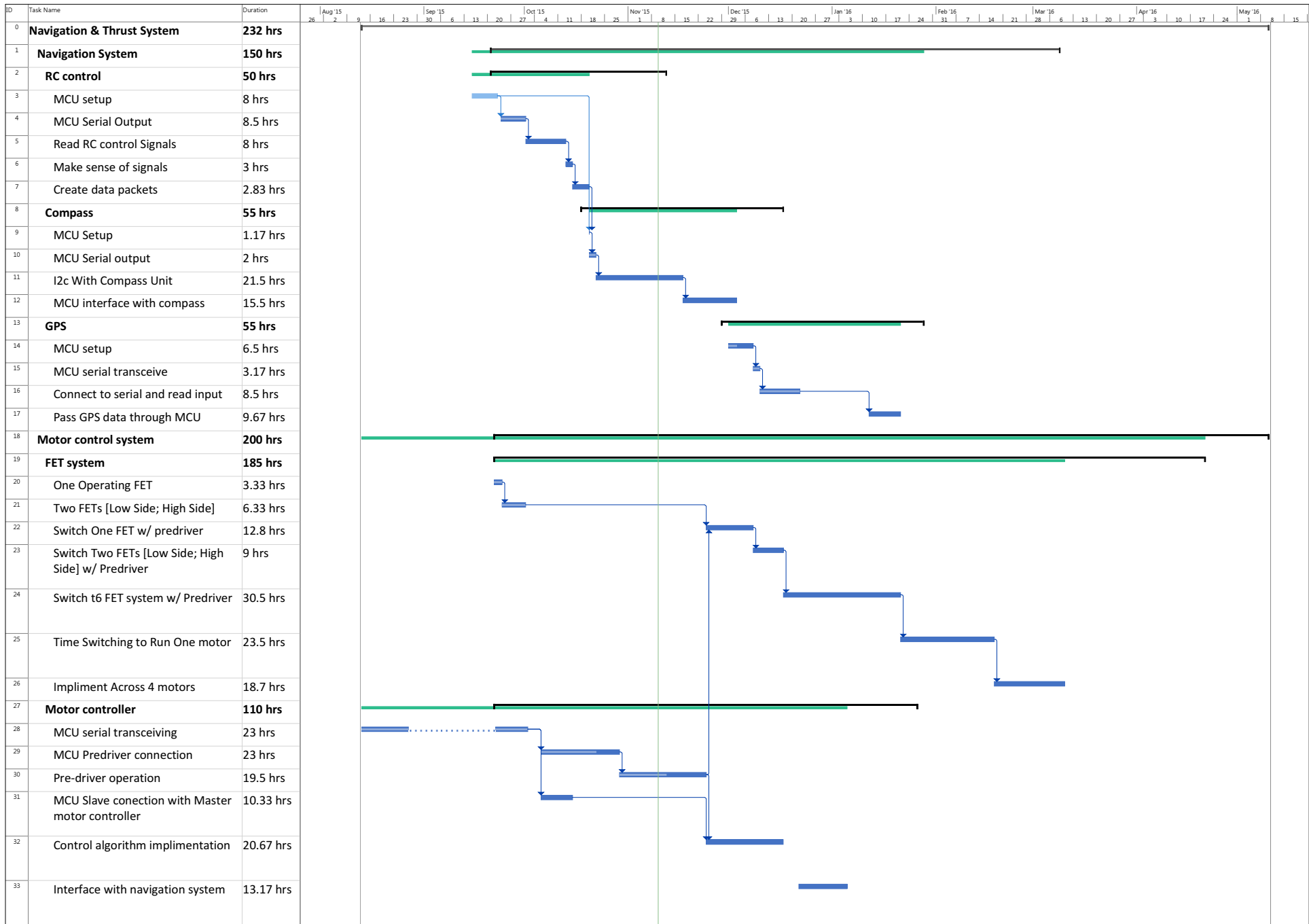


Michael S. Barnes: The past week was spent analyzing the designed H bridge circuit. This analysis allowed me to understand how switching the load using the MOSFET circuit will control the brushless direct current motor using the predriver. The next week will be spent analyzing the full H bridge circuit with more depth and begin diving into the predriver datasheet to understand what will be required to build the final design circuit. At this point my work on this project is on pace to be completed on time.

Evan J. Dinelli: Regulator circuitry was designed and constructed for 5V and 3.3V lines. Serial troubleshooting was successful and a Baud Rate and clock frequency were chosen. Initial research on adding an external oscillator for improving serial accuracy was done. The project work is behind on schedule but will be on schedule by the end of the semester.

Dan R. Van de Water: Dan's Progress: I have finished design for the signals to send to the predriver. I am now creating a circuit that will allow connection to the predriver without the oscillation issues from a breadboard. This requires the construction of a perforated board circuit which is next on my list of things to do. I am on track, but barely. I will be putting additional time in on the weekend to make sure I meet the deadline so that Mike can begin development work with the predriver. I am currently on schedule.



Project: Navigation & Thrust Sy
Date: Tue 11/10/15

Task	Summary	Inactive Milestone	Duration-only	Start-only	External Milestone	Manual Progress
Split	Project Summary	Inactive Summary	Manual Summary Rollup	Finish-only	Deadline	Progress
Milestone	Inactive Task	Manual Task	Manual Summary	External Tasks		

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