Execution Plan for Autonomous Lawnmower

8/23/2020	8/30/2020	9/6/2020	9/13/2020	9/20/2020	9/27/2020	10/4/2020	10/11/2020	10/18/2020	10/25/2020	11/1/2020	11/8/2020	11/15/2020	11/22/2020	11/24/2020
Learn and Understand the Problem														
Research and Planning														
Write ConOps Report														
Identify Vendors and Specifications														
Write FSR Report														
Write ICD Report														
Write Milestones and Validation Plan														
Presentation Update 1														
Order Parts														
MCU: Tool Chain Validation														
MCU: PCB Layout Hardware Review														
Power Supply Simulations														
Wiring/Breadboarding Parts to Motor														
Receive Parts														
Power Supply Breadboarding														
Attatch all sensors														
MCU: Code Writing and Evalution on Demo Board														
MCU: PCB Hardware Evaluation														
Motor Drive Validation														
Presentation Update 2														
Power Supply Parts Testing														
UI setup														
Blade Motor Validation														
Power Supply Assembly														
MCU: In Target Circuit Component Testing														
MCU: Replacement Part Ordering (if necessary)														
Sensor Subsystem Testing														
Wheel Motor Validation														
Power Supply Subsystem Testing														
Final Presentation														
MCU Subsystem Testing														
Motor Subsystem Testing														
Final Report														
Final Subsystem Demonstrations														

COLOR LEGEND Power System : Yellow MCU: Blue Motor: Red

Sensors and User Interface: Purple General Project Tasks: Green