

NEW WBS		Team Members:	Team Leader:	Irwin																
Task #	Task	Owner	Start Date	End Date	Percent															
7	SCADA				93%															
7.1	Documentation		8/17/20	4/30/21	88%															
7.1.1	Software Diagrams	Mithil	8/17/20	9/11/20	100%															
7.1.2	Wiring & Pin Out Diagrams	Mithil	10/16/20	10/30/20	100%															
7.1.3	BOM	Irwin, Mithil, Adam,Harry, Lia	10/18/20	10/19/20	100%															
7.1.4	Website Documentation Updated	Mithil	8/17/20	Throughout	70%															
7.1.5	GPR-007 - Software Maintainability Documentation	Irwin, Mithil,Adam,Harry, Lia	10/11/20	11/20/20	100%															
7.1.6	Updated SCADA Manual	Irwin, Mithil,Adam,Harry, Lia		4/30/21	100%															
7.1.7	Doxygen Code Documentation		2/9/21		50%															
7.1.8	Hardware Diagram		2/9/21		80%															
7.2	Display Configurable Simulated Data in dyno room		10/16/20	10/30/20	98%															
7.2.1	SCADA fully installed	Harrison		11/02/20	100%															
7.2.2	Testing Completed	Harrison		11/16/20	100%															
7.2.3	Real-Time GUI Display	Lia	9/28/20	10/20/20	95%															
7.2.4	Configuration YAML	Lia	10/5/20	10/23/20	95%															
7.2.5	Simulated Sensors	Harry	2/24/20		100%															
7.3	Carman Display with live CAN Data		10/5/20	11/16/20	89%															
7.3.1	CAN Driver	Harrison	10/20/20	11/02/20	99%															
7.3.2	Calibrator	Irwin,Adam,Mithil	10/13/20	10/20/20	100%															
7.3.3	Logger	Mithil,Irwin		11/09/20	100%															
7.3.4	Connecting SCADA to Dyno CAN Hardware	Harrison		11/09/20	100%															
7.3.5	Configuration YAML	Lia	10/5/20	10/23/20	95%															
7.3.6	Integrate with Carman Hardware & Test				30%															
7.3.7	Display Variable				100%															
7.4	Carman Display with Live I2C Data		10/5/20	11/16/20	90%															
7.4.1	I2C Driver	Irwin,Adam,Mithil	10/5/20	10/25/2020	100%															
7.4.2	Calibrator	Irwin,Adam,Mithil	10/13/20	10/20/20	100%															
7.4.3	Logger	Mithil,Irwin		11/09/20	100%															
7.4.4	Connecting SCADA to I2C Hardware	Harrison, Irwin		11/09/20	100%															
7.4.5	Configuration YAML	Lia	10/5/20	10/23/20	95%															
7.4.6	IMU Integreation & Calibration	Irwin			95%															
7.4.7	Integrate with Carman Hardware & Test				30%															
7.4.8	Display Variable	Lia			100%															
7.5	Display Non-Numeric Data Types		9/28/20	10/30/20	95%															
7.5.1	Configuration YAML	Lia	10/5/20	10/30/20	95%															
7.5.2	Real-Time GUI Display	Lia	9/28/20	10/30/20	95%															
7.6	Configurable Active System Control Simulated		10/19/20	11/16/20	98%															
7.6.1	Watcher	Adam,Harrison	10/19/20	11/09/20	98%															
7.6.2	Configuration YAML	Lia	10/5/20	10/23/20	95%															
7.6.3	Simulated Sensors		2/24/20		100%															
7.7	I2C Actions		10/5/20	11/16/20	98%															
7.7.1	Configuration YAML	Lia	10/5/20	10/23/20	95%															
7.7.2	I2C Driver	Irwin,Adam,Mithil	10/5/20	10/25/2020	100%															
7.7.3	Watcher	Adam,Harrison		11/09/20	98%															
7.7.4	Calibrator	Irwin,Adam,Mithil	10/13/20	10/20/20	100%															
7.7.5	Parallel IO	Mithil, Irwin			97%															
7.8	CAN Actions		10/20/20	11/16/20	98%															
7.8.1	Configuration YAML	Lia	10/5/20	10/23/20	95%															
7.8.2	CAN Driver	Harrison	10/20/20	11/02/20	99%															
7.8.3	Watcher	Adam,Irwin		11/09/20	98%															
7.8.4	Calibrator	Irwin,Adam,Mithil	10/13/20	10/20/20	100%															
7.8.5	Parallel IO	Mithil, Irwin			97%															
7.9	JSON update for Driver display		1/25/21	2/1/21	85%															
7.9.1	Watcher	Adam,Harrison		11/09/20	98%															
7.9.2	Calibrator	Irwin,Adam,Mithil	10/13/20	10/20/20	100%															
7.9.3	Configuration YAML	Lia	10/5/20	10/23/20	95%															
7.9.4	EPAL Software		Han	3/29/2021	80%															
7.9.5	Dual Display	Lia, Irwin, Adam			50%															
7.10	Post Processing Browser with Analysis			3/29/2021	91%															
7.10.1	Cheap Summary GUI	Lia, Harry			90%															
7.10.2	Expensive Summary GUI	Lia, Harry			90%															

ONLY CHANGE PERCENTAGES WITH THIS COLOR NEXT TO THEM

7.3.3 USB Driver Irwin, Harry SPRING 2021 SPRING 2021 0%

7.3.4 Parallel I/O Driver Mithil,Adam SPRING 2021 SPRING 2021 0%

Post Processing Doxygen

Watcher

Output File / Log File JSON

EPAL Display setup Kiosk Mode **

SCADA Manual

Reset Button

Hardware Diagram

Display Variable

Memory

