

External Panels & Lights WBS					
Team Members: Han,Chris,Andrew,Thomas			Team Leader: Han		
Task #	Task	Owner	Start Date	End Date	Percent
6	Panels & Lights				84%
6.1	Inventor Models		8/17/20	10/26/20	81%
6.1.1	Front Dash		8/17/20	10/26/20	90%
6.1.2	Button Array		8/17/20	10/26/20	90%
6.1.3	Side Panels		8/17/20	10/26/20	100%
6.1.4	TSAL Mount, Brake Lights			10/26/20	45%
6.2	Wiring Diagram		8/17/20	10/19/20	100%
6.3	Software Diagram		8/17/20	10/23/20	100%
6.4	Board Layouts		10/19/20	10/30/20	100%
6.4.1	Front Dash PCB		10/19/20	10/30/20	100%
6.5	Software Written		10/31/20	11/20/20	94%
6.5.1	SCADA Communication		11/2/20	11/6/20	100%
6.5.2	Software Maintainability Plan		11/2/20	11/20/20	90%
6.5.3	Software Backend		11/2/20	11/20/20	90%
6.5.4	Software Frontend (GUI)		11/2/20	11/20/20	95%
6.6	Parts Ordered		11/10/20	11/13/20	100%
6.6.1	Raspberry Pi				100%
6.6.2	Pi Display				100%
6.6.3	Wire Connectors				100%
6.6.4	EStop Buttons			2/9/21	100%
6.6.5	Drive & Reset Buttons			2/9/21	100%
6.6.6	Front Dash PCB		11/2/20	11/6/20	100%
6.6.7	Acquire Fasteners For Dashboard				100%
6.6.8	Acquire Fasteners for Side Panels			2/9/21	100%
6.7	Drawings Done & Sent to Manufacturing		10/27/20	11/13/20	100%
6.7.1	Front Dash Enclosure		10/27/20	11/13/20	100%
6.7.2	Button Array Enclosure		10/27/20	11/13/20	100%
6.7.3	Side Panels		10/27/20	11/13/20	100%

6.8	Parts Received		1/25/21	1/25/21	90%
6.9	Parts Assembled		1/26/21	2/5/21	95%
6.9.1	Front Dash		1/25/20	2/5/21	85%
6.9.2	Button Array		1/25/20	1/29/21	100%
6.9.3	Side Panels			11/20/20	100%
6.10	Panels & Lights Assembled		2/6/21	2/8/21	85%
6.11	Test Plan Created		11/1/20	11/20/20	50%
6.12	Test Plan Conducted		2/9/21	2/12/21	25%
6.13	BOM		8/17/20	10/19/20	99%
6.14	Website Documentation Updated		8/17/20	Throughout	60%