

PSL Week 10

Covering Period from 10/20/2019 - 10/27/2019

Prepared by Jordyn Brosemer and Cat Neely

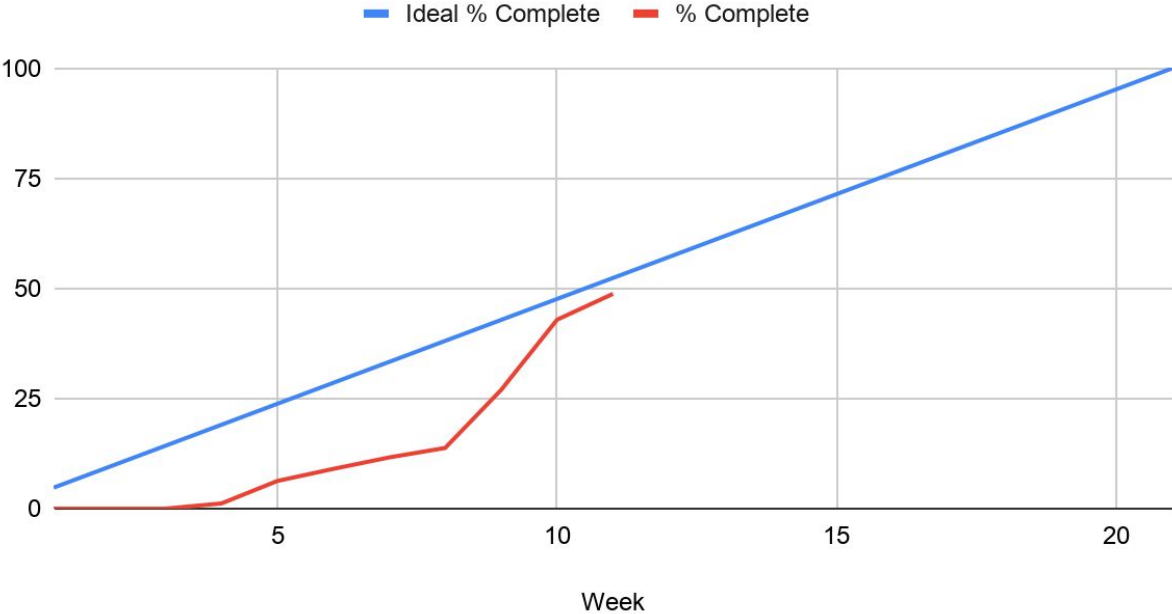
Project Completion Chart

Team	Tasks Completed	Tasks Planned for Next Week	Proposed Changes	Overdue WBS items
VSCADA	Display Ordered	WIP SC 4.1.3 UI for Dash Display WIP SC 5.1.1 New Version	N/A	Off Car Data Viewing?
GLV	N/A	Overdue Section Board soldered Voltage Drop DYNO!!!		GLV 1.2.8 – Board visually inspected GLV 1.3.3 – Design submitted and approved by system engineers GLV 4.1.1 - Connector layout submitted GLV 4.1.2 - Layout submitted and approved by system engineers
TSI	TSI 2.2 - Board Built	TSI 2.4.2 Tests Conducted TSI 2.5 Board Debugged		TSI 2.4.2 Tests Conducted TSI 2.5 Board Debugged
TSV	N/A	WIP PacMan Firmware TSV 4.5.1.1 PacMan Schematic TSV 1.2.1.3 Inventor Designs Submitted TSV 1.2.1.4 Inventor Designs Approved TSV 1.2.1.5 Purchase Order for Materials		TSV 4.5.1.1 PacMan schematic drawn TSV 1.2.1.3 Prototype inventor drawings submitted TSV 1.2.1.4 Prototype inventor drawings approved TSV 1.2.1.5 Purchase Order for Materials

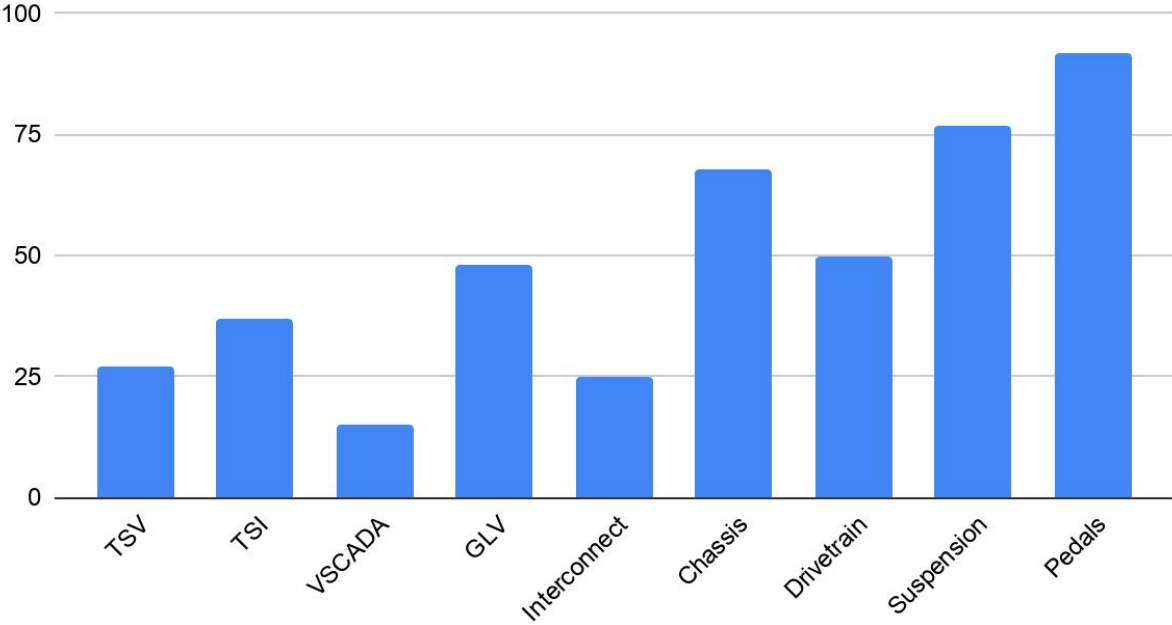
<p>CHASSIS</p>	<ul style="list-style-type: none"> • 2.3.1 Plan GLV/TSI mount • 2.3.2 Design GLV/TSI mount • 2.3.3 Send GLV/TSI mount for manufacturing • 2.4.3 Manufacture front suspension mounts • 2.5.1 Plan driver display mount • 2.6.1 Plan cooling mount • 2.6.2 Design cooling mount • 1.2.2 VR3 accepts side impact design and is manufacturing them 	<p>Mount chassis floor Assist in seat tab mounting 3D print mount for tractive system active lamp</p>	<p>N/A</p>	
<p>INTERCONNECT</p>	<p>Wiring Diagram updated for cooling system</p> <p>CarMan design review</p>	<p>Test Motor with new Cooling System</p>		<p>INT 2.1.3 Enclosure design approved INT 2.1.4 Drawings submitted for CarMan enclosure</p>
<p>DRIVETRAIN</p>	<p>Radiator Mounts Designed Radiator Mounts Approved Radiator Mounts turned around Motor Brackets & Motor Shaft drawings Submitted to shop New Dyno Motor Mount</p>	<p>Mount Radiator to car Measure Half Shafts</p> <p>We need a new Dyno Motor Shaft</p> <p>Half shafts work with rear suspension</p>	<p>N/A</p>	<p>DT 1.2.4 Radiator Mounts Designed DT 1.2.5 Radiator Mounts Submitted</p> <p>All Half Shaft Items</p>

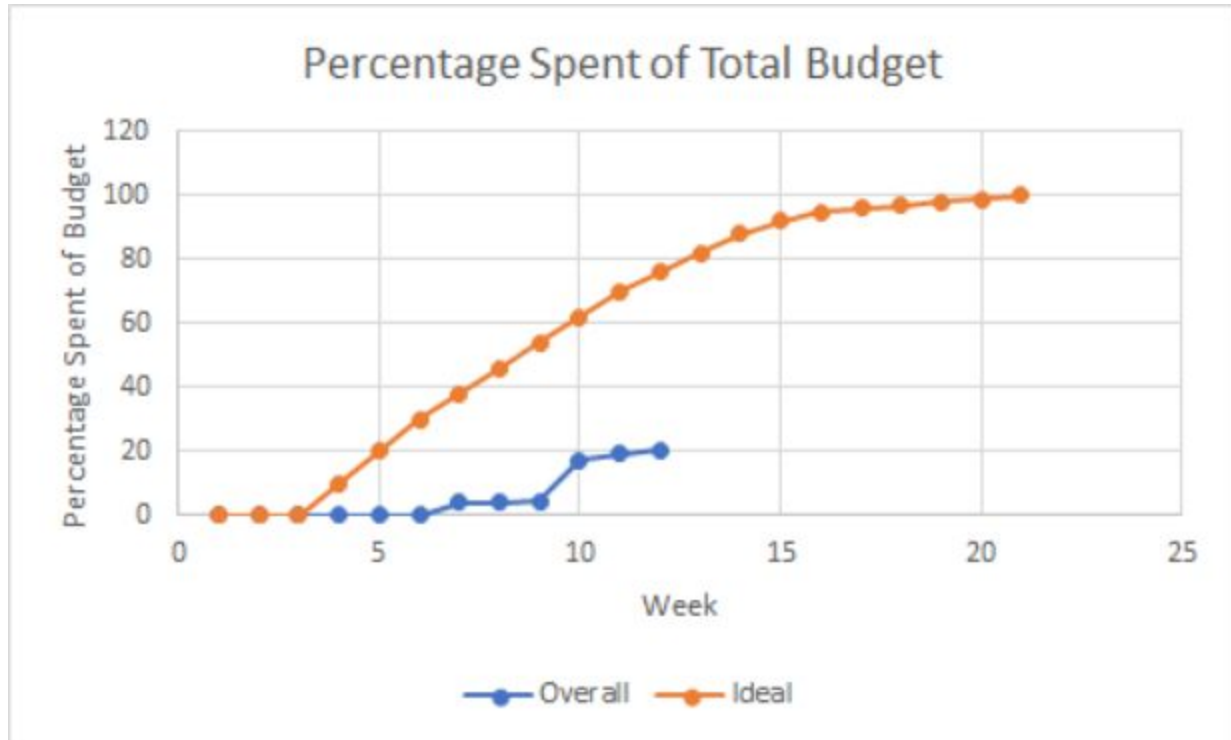
<p>SUSPENSION</p>	<p>SUS 2.1.3 Bottom A-Arm Mounting Plate SUS 4.2.2-4.2.3 Rear a-arm parts SUS 8.2.2 Control arms designed SUS 2.1.3 Bottom A-Arm mounting SUS 5.1.1 Control Arms speced</p> <p>SUS 4.2.6 Rear suspension drawings approved</p>	<p>SUS 8.1.3 Covers for steering rack SUS 8.2.3 Covers for Control Arms</p> <p>SUS 4.5 Assemble front a-arm</p>	<p>N/A</p>	<p>SUS 4.2.6 Rear suspension drawings SUS 4.5 Assemble front a-arm SUS 8.1.3 Steering Rack Cover</p>
<p>PEDALS</p>		<p>PED 1.2.2 Master Cylinder Mount</p>	<p>N/A</p>	<p>N/A</p>
<p>MANAGEMENT</p>		<p>Submit PM plan</p> <p>Re-Submit SES</p>	<p>N/A</p>	<p>D001.1 Management CDR</p>

Ideal % Complete and % Complete



% WBS Completion of Project for each Subsystem





Sub-System	Allocated Budget	Total Spent	Budget Remaining	Percentage Spent
Jordyn Brosemer Pedal Controls	\$200.00	\$0.00	\$200.00	0.00%
Cooling	\$200.00	\$170.90	\$29.10	85.45%
Brakes	\$400.00	\$0.00	\$400.00	0.00%
SCADA	\$800.00	\$218.87	\$581.13	27.36%
Dyno	\$100.00	\$0.00	\$100.00	0.00%
Suspension	\$2,500.00	\$1,309.84	\$1,190.16	52.39%
Steering	\$200.00	\$0.00	\$200.00	0.00%
CarMan (TSI/GLV)	\$4,400.00	\$984.73	\$3,415.27	22.38%
Shipping/tax	\$3,690.00	\$206.83	\$3,483.17	5.61%
Interconnect	\$700.00	\$371.52	\$328.48	53.07%
Registration	\$2,000.00	\$2,000.00	\$0.00	100.00%
Drive Train	\$3,500.00	\$69.00	\$3,431.00	1.97%
TSV	\$8,000.00	\$338.14	\$7,661.86	4.23%
Chassis/Body	\$1,300.00	42.81	\$1,257.19	3.29%
Overall	\$27,990.00	\$5,712.64	\$22,277.36	20.41%

Percentage of Allocated Budget Spent

