PHOTOVOLTAIC INVERTER

SOLAR HERO

TEAM MEMBERS:

XUANYU BAI

JIAXIN ZHENG

MOHAMAD ELSALEH

KHALED ALBANNAI

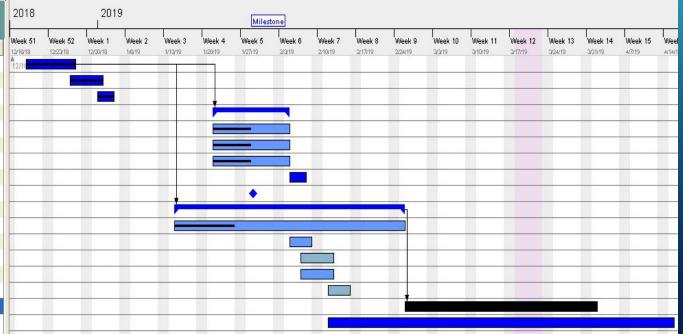
CLIENT

- Dr. Venkata Yaramasu
- renewable energy
- high power converters
- variable-speed drives and electric vehicles

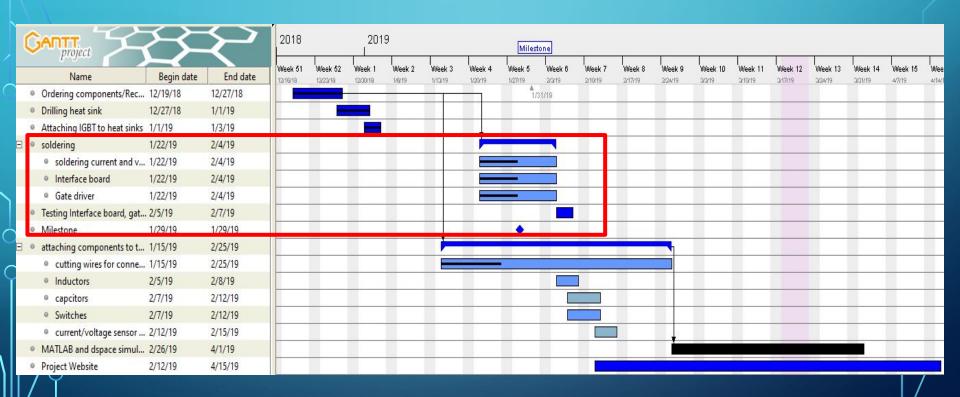


^o Schedule Overview

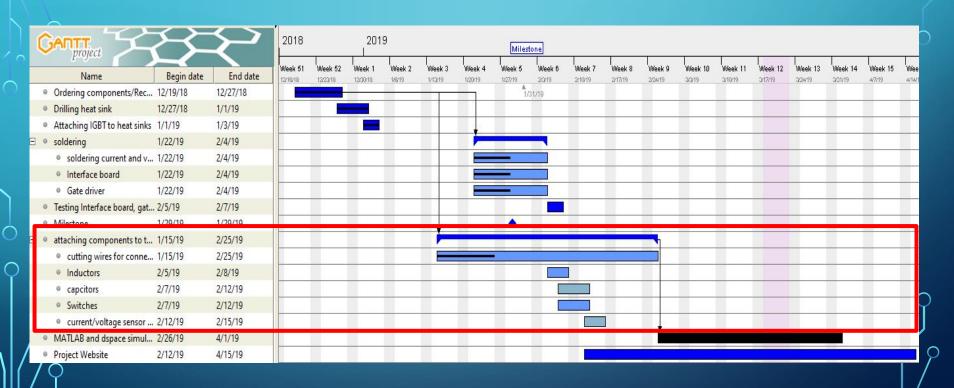
		Name	Begin date	End date
	0	Ordering components/Rec	12/19/18	12/27/18
	0	Drilling heat sink	12/27/18	1/1/19
	0	Attaching IGBT to heat sinks	1/1/19	1/3/19
-	0	soldering	1/22/19	2/4/19
		 soldering current and v 	1/22/19	2/4/19
		 Interface board 	1/22/19	2/4/19
		 Gate driver 	1/22/19	2/4/19
	0	Testing Interface board, gat	2/5/19	2/7/19
	0	Milestone	1/29/19	1/29/19
-	0	attaching components to t	1/15/19	2/25/19
		cutting wires for conne	1/15/19	2/25/19
		Inductors	2/5/19	2/8/19
		capcitors	2/7/19	2/12/19
		Switches	2/7/19	2/12/19
		current/voltage sensor	2/12/19	2/15/19
	*	MATLAB and dspace simul	2/26/19	4/1/19
	0	Project Website	2/12/19	4/15/19



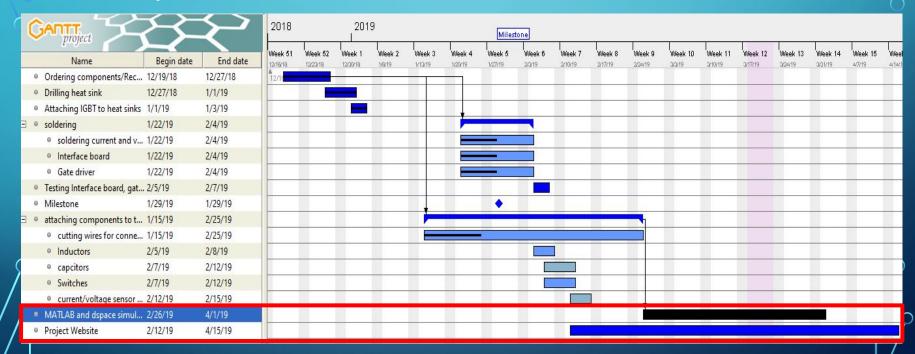
Subsystem 1



Subsystem 2



Subsystem 3



Conclusion

- Focus on finishing the parts that have the highest dependency
- Follow the time frame given
- Update the schedule according to progress done

