0	Task	Task Name	Duration	▼ Start ▼	Finish 🔻	Dredecess	2019 Septemb		14   16   18   2	20   22   24   2		19 October	08   10   12	14   16   1	8   20   22   24	26   28
	*	Needs Assessment	Duration	y Start y	TIIIISII •	Tredecess	31 02 04 00	00 10 12	14 10 10 2	.0 22 24 2	0 20 50	02 04 00	00 10 12	14 10 11	0 20 22 24	.0 20
/	*	Research BCMOS background and their need statements. Clarify in Q&A section.	5 days	Mon 19-09-09	Fri 19-09-13				(Research B	CMOS back	ground a	nd their ne	ed staten	nents. Clar	ify in Q&A sec	tion.
/	*	Research current wheelchair specifications	5 days	Mon 19-09-09	Fri 19-09-13				Research co	urrent whee	elchair spe	cifications				
/	*	Research available markets	5 days	Mon 19-09-09	Fri 19-09-13				Research a	vailable ma	rkets					
/	*	Research other products	5 days	Mon 19-09-09	Fri 19-09-13				Research o	ther produc	cts					
/	*	Choose our market stakeholders and determine needs	5 days	Mon 19-09-09	Fri 19-09-13				Choose our	market sta	akeholden	and deter	mine nee	ds		
/	*	Create preliminary target specifications	5 days	Mon 19-09-09	Fri 19-09-13				Create pre	liminary tar	get speci	ications				
/	*	Determine project constraints	5 days	Mon 19-09-09	Fri 19-09-13				Determine	project con	straints					
/	*	Determine overall project scope	5 days	Mon 19-09-09	Fri 19-09-13				Determine	overall proj	ect scope					
/	*	Create a Risk Register	1 day	Mon 19-09-16	Mon 19-09-16				Creat	e a Risk Re	gister					
	*?	Concept Generation														
/	*	Function decomposition	2 days	Fri 19-09-13	Mon 19-09-16				Functi	on decomp	osition					
/	*	C-sketch round 1	1 day	Mon 19-09-16	Mon 19-09-16	2,3,4,7,8,9			C-sket	tch round 1		•				
/	*	First set of concept combination	1 day	Wed 19-09-18	Wed 19-09-18	13			Fit	st set of co	ncept con	bination				
/	*	C-sketch round 2	1 day	Wed 19-09-18	Wed 19-09-18	13			tc	-sketch rou	nd 2					
/	*	Concept combination (complete concepts)	1 day	Fri 19-09-20	Fri 19-09-20	15			<b>+</b>	Concept	combinati	on (comple	ete conce	ots)		
	*?	Concept Evaluation														
/	*	Winnowing	1 day	Mon 19-09-23	Mon 19-09-23					Win	nowing					
/	*	Ranking	1 day	Mon 19-09-23	Mon 19-09-23					Ran	king					
/	*	Scoring - WDM	1 day	Wed 19-09-25	Wed 19-09-25	19,18				<b>†</b>	Scoring -	WDM				
/	*	DFMEA 1	3 days	Mon 19-09-30	Wed 19-10-02							DFMEA	1			
/	*	Concept selection preparation	6 days	Wed 19-10-02	Wed 19-10-09								Cond	ept selecti	ion preparatio	'n
	*	Design														

0	Task Mode ▼	Task Name	- Duration -	Start -	Finish -	Predecess	2019 November   10   12   14   16   18   20   22   24   26   28   30   01   03   05   07   09   11   13   15   17   19   21   23   25   27   29	2019 December 01   03   05				
/	*	Concept selection preparation	6 days	Wed 19-10-02	Wed 19-10-09		Concept selection preparation					
	*	Design										
/	*	General CAD assembly of Trailrider	18 days	Wed 19-10-16	Fri 19-11-08		General CAD assembly of Trailrider					
/	*	Determine key equations for analysis	4 days	Wed 19-10-16	Mon 19-10-21		Determine key equations for analysis					
	*	Outsource list of key components	5 days	Mon 19-10-21	Fri 19-10-25		Outsource list of key components					
/	*	DFMEA 2	1 day	Wed 19-10-23	Wed 19-10-23		DFMEA 2					
	*	Costing & LCA	1 day	Wed 19-10-30	Wed 19-10-30		■ Costing & LCA					
/	*	DFMEA 3	1 day	Wed 19-10-30	Wed 19-10-30		■ DFMEA 3					
	*	Create detailed CAD of key components	4 days	Wed 19-10-30	Mon 19-11-04		Create detailed CAD of key components  Engineering drawings of key components					
	*	Engineering drawings of key components	3 days	Wed 19-11-06	Fri 19-11-08							
	*	Write Report	8 days	Mon 19-11-04	Wed 19-11-13							
	*	Prepare Appendices	6 days	Mon 19-11-04	Mon 19-11-11							
	*?	Closeout		~								
	*	Report mock deadline	21 days	Fri 19-10-11	Fri 19-11-08		Report mock deadline					
	*	Report actual deadline	26 days	Fri 19-10-11	Fri 19-11-15		Report actual deadline					
	*	Presentation mock deadline	6 days	Fri 19-11-08	Fri 19-11-15		Presentation mock deadli	ne				
	*	Presentation actual deadline	9 days	Fri 19-11-08	Wed 19-11-20		Presentation acti	ual deadlin				
	*	Logbook submission	2 days	Thu 19-11-28	Fri 19-11-29							