	0	Task Mode ¬	Task Name 🔻	Duration -	Start +	Finish	Predeces: +	Resource Names	19 Septembe	r 06 08 10	12 14	16 18 3	20 22 2	24 26	28	2019 Od 30 02	08	10 12
1		*?	Needs Assessment															
2	/	*	Research BCMOS background and their need statements. Clarify in Q&A section.	5 days	Mon 19-09-09	Fri 19-09-13												
3		*	Research current wheelchair specifications	5 days	Mon 19-09-09	Fri 19-09-13												
4	/	*	Research available markets	5 days	Mon 19-09-09	Fri 19-09-13					_							
5		*	Research other products	5 days	Mon 19-09-09	Fri 19-09-13												
6		*	Choose our market stakeholders and determine needs	5 days	Mon 19-09-09	Fri 19-09-13					_							
7 🗸	/	*	Create preliminary target specifications	5 days	Mon 19-09-09	Fri 19-09-13												
8 🗸	/	*	Determine project constraints	5 days	Mon 19-09-09	Fri 19-09-13												
9		*	Determine overall project scope	5 days?	Mon 19-09-09	Fri 19-09-13				_								
0		*?	Concept Generation															
1		*	Function decomposition	2 days	Fri 19-09-13	Mon 19-09-1	.6				_							
2		*	C-sketch round 1	1 day	Mon 19-09-16	Mon 19-09-1	6 2,3,4,7,8,9				•							
3		*	First set of concept combination	1 day	Wed 19-09-18	Wed 19-09-1	.8 12											
4		*	C-sketch round 2	1 day	Wed 19-09-18	Wed 19-09-1	.8 12					1						
5		*	Concept combination (complete concepts)	1 day	Fri 19-09-20	Fri 19-09-20	14					+						
6		*	DFMEA 1	1 day	Fri 19-09-20	Fri 19-09-20												
7		*?	Concept Evaluation															
8		*	Winnowing	1 day	Mon 19-09-23	Mon 19-09-2	!3							1				
9		*	Ranking - Pugh Chart	1 day	Mon 19-09-23	Mon 19-09-2	!3											
20		*	Scoring - WDM	1 day	Wed 19-09-25	Wed 19-09-2	19,18						,					
11		*	Optimization	2 days	Fri 19-09-27	Mon 19-09-3	30 20							<u> </u>				
2		*	DFMEA 2	3 days	Mon 19-09-30	Wed 19-10-0)2											
13		*	Concept selection presentation	6 days	Wed 19-10-02	Wed 19-10-0	9											
24		*	Design															
4		*	Design															
5		*	First set of iterations (of final concept)	1 day	Fri 19-10-11	Fri 19-10-1	1											
5		*	Calculations & stress analysis	5 days		4 Fri 19-10-1												
7		*	Preliminary costing & LCA	5 days	Mon 19-10-1													
3		*	Second set of iterations	5 days		1 Fri 19-10-2												
9		*	Secondary costing & LCA	5 days	Mon 19-10-2													
)		*	DFMEA 3	3 days	Wed 19-10-2													
1		*	Complete detailed CAD of key components			1 Fri 19-10-2												
2		*		Juays	WIOII 19-10-2	1 11119-10-2	,											
3		<i>^</i> ? ★	Closeout Report mock deadline	21 days	Fei 10 10 11	Fri 19-11-0	0			_								
4		*	· ·	21 days	Fri 19-10-11													
		*	Report actual deadline	26 days	Fri 19-10-11					_								
5			Presentation mock deadline	6 days	Fri 19-11-08	Fri 19-11-1												
6		*	Presentation actual deadline	9 days	Fri 19-11-08	Wed 19-11												
7		*	Logbook submission	2 days	Thu 19-11-28	Fri 19-11-2	9											