#	Task Mode	Task Name	Duration	Start	Finish	Predecess
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	
10	✔	Create a Risk Register	1 day	Mon 19-09-16	Mon 19-09-16	
11		Concept Generation				
12	✔	Function decomposition	2 days	Fri 19-09-13	Mon 19-09-16	
13	✔	C-sketch round 1	1 day	Mon 19-09-16	Mon 19-09-16	2,3,4,7,8,9
14	✔	First set of concept combination	1 day	Wed 19-09-18	Wed 19-09-18	13
15	✔	C-sketch round 2	1 day	Wed 19-09-18	Wed 19-09-18	13
16	✔	Concept combination (complete concepts)	1 day	Fri 19-09-20	Fri 19-09-20	15
17		Concept Evaluation				
18	✔	Winnowing	1 day	Mon 19-09-23	Mon 19-09-23	
19		Ranking - Pugh Chart	1 day	Mon 19-09-23	Mon 19-09-23	
20		Scoring - WDM	1 day	Wed 19-09-25	Wed 19-09-25	19,18
21		Optimization	2 days	Fri 19-09-27	Mon 19-09-30	20
22		DFMEA 1	3 days	Mon 19-09-30	Wed 19-10-02	
23		Concept selection presentation	6 days	Wed 19-10-02	Wed 19-10-09	
24		Design				

#	Task Mode	Task Name	Duration	Start	Finish	Predecess
24		Design				
25		First set of iterations (of final concept)	1 day	Fri 19-10-11	Fri 19-10-11	
26		Calculations & stress analysis	5 days	Mon 19-10-14	Fri 19-10-18	
27		Preliminary costing & LCA	5 days	Mon 19-10-14	Fri 19-10-18	
28		Second set of iterations	5 days	Mon 19-10-21	Fri 19-10-25	
29		Secondary costing & LCA	5 days	Mon 19-10-21	Fri 19-10-25	
30		DFMEA 2	3 days	Wed 19-10-23	Fri 19-10-25	
31		Complete detailed CAD of key components	5 days	Mon 19-10-21	Fri 19-10-25	
32		Closeout				
33		Report mock deadline	21 days	Fri 19-10-11	Fri 19-11-08	
34		Report actual deadline	26 days	Fri 19-10-11	Fri 19-11-15	
35		Presentation mock deadline	6 days	Fri 19-11-08	Fri 19-11-15	
36		Presentation actual deadline	9 days	Fri 19-11-08	Wed 19-11-20	
37		Logbook submission	2 days	Thu 19-11-28	Fri 19-11-29	