0	Task	Task Name ▼	Duration	Chart	Finish 🔻		eptember	2019 October 2019 October 2019 Nove
•	Mode ▼	Needs Assessment	Duration	→ Start →	rinisn 🔻	Predecess	04 06 08 10	3 12 14 10 16 20 22 24 20 26 30 02 04 00 06 10 12 14 10 16 20 22 24 20 26 30 01 03
,	<i>^</i> ?							Research BCMOS background and their need statements. Clarify in Q&A section.
	*	Research BCMOS background and their need statements. Clarify in Q&A section.	5 days	Mon 19-09-09	Fri 19-09-13			
•	*	Research current wheelchair specifications	5 days	Mon 19-09-09	Fri 19-09-13		_	Research current wheelchair specifications
•	*	Research available markets	5 days	Mon 19-09-09	Fri 19-09-13			Research available markets
	*	Research other products	5 days	Mon 19-09-09	Fri 19-09-13			Research other products
•	*	Choose our market stakeholders and determine needs	5 days	Mon 19-09-09	Fri 19-09-13		_	Choose our market stakeholders and determine needs
•	*	Create preliminary target specifications	5 days	Mon 19-09-09	Fri 19-09-13			Create preliminary target specifications
•	*	Determine project constraints	5 days	Mon 19-09-09	Fri 19-09-13			Determine project constraints
•	*	Determine overall project scope	5 days	Mon 19-09-09	Fri 19-09-13			Determine overall project scope
•	*	Create a Risk Register	1 day	Mon 19-09-16	Mon 19-09-1	6		Create a Risk Register
	*?	Concept Generation						
	*	Function decomposition	2 days	Fri 19-09-13	Mon 19-09-1	6		Function decomposition
	*	C-sketch round 1	1 day	Mon 19-09-16	Mon 19-09-10	6 2,3,4,7,8,9		C-sketch round 1
	*	First set of concept combination	1 day	Wed 19-09-18	Wed 19-09-18	8 13		First set of concept combination
	*	C-sketch round 2	1 day	Wed 19-09-18	Wed 19-09-18	8 13		C-sketch round 2
	*	Concept combination (complete concepts)	1 day	Fri 19-09-20	Fri 19-09-20	15		Concept combination (complete concepts)
	M	Concept Evaluation						
	*	Winnowing	1 day	Mon 19-09-23	Mon 19-09-23	3		Winnowing
•	*	Ranking	1 day	Mon 19-09-23	Mon 19-09-23	3		Ranking
	*	Scoring - WDM	1 day	Wed 19-09-25	Wed 19-09-25	5 19,18		Scoring - WDM
	*	DFMEA 1	3 days	Mon 19-09-30	Wed 19-10-02	2		DFMEA 1
•	*	Concept selection preparation	6 days	Wed 19-10-02	Wed 19-10-09	9		Concept selection preparation
	*?	Design						

0	Task Mode ▼	Task Name	- Duration	▼ Start ▼	Finish 🔻	Predecess	er 2019 November 2019 November 2019 La 15 17 19 21 23 25 27 29 11 13 15 17 19 21 23 25 27 29 10 10 10 10 10 10 10 1
,	Mode ▼	Concept selection preparation	6 days	Wed 19-10-02			Concept selection preparation
	*	Design Design	o days	WCd 13 10 02	Wed 15 10 05		
	₹ ?	•	40.1	14, 140,40,45			General CAD assembly of Trailrider
	*	General CAD assembly of Trailrider	18 days	Wed 19-10-16			
	*	Determine key equations for analysis	4 days	Wed 19-10-16			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
	*	MATLAB Optimization of key components	2 days	Fri 19-10-25	Mon 19-10-28		MATLAB Optimization of key components
	*	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	3 days	Wed 19-11-06	Fri 19-11-08		Engineering drawings of key components
	*?	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 deadline
	*	Presentation actual deadline	9 days	Fri 19-11-08	Wed 19-11-20		Presentation actual deadline
	*	Logbook submission	2 days	Thu 19-11-28	Fri 19-11-29		