Task name			Assigned	October 2025
1		Concept Design		Concept Design ⏐ 05.10.2025 - 28.10.2025
1.1		Project Plan		Project Plan ⏐ 05.10.2025 - 14.10.2025
1.1.1		Breakdown all deliverables and identify sequence	JC OC +3	Breakdown all deliv…
1.1.2		Create Responsibility assignment matrices	JC Justin Chin Cheong	Cr…
1.1.3		Draft a schedule	JC Justin Chin Cheong	Draft a s…
1.1.4		Create Gantt chart	JC Justin Chin Cheong	Cr…
1.1.5		Approve of Project Plan	JC OC +3	Ap…
1.2		Market Analysis		Market Analysis ⏐ 13.10.2025 - 18.10.2025
1.2.1		Perform preliminary Market Analysis	OC Okan Can Meral	Pe…
1.2.2		Create Financial Estimates	OC Okan Can Meral	Create F…
1.2.3		Perform Detailed Market Analysis	OC Okan Can Meral	Pe…
1.2.4		Approve Market Analysis Report	JC Justin Chin Cheong	Ap…
1.3		Overall Product Concept		Overall Product Concept ⏐ 13.10.2025 - 28.10.2025
1.3.1		Creating Requirements List	AZ Ahmad Zeaiter	Cr…
1.3.2		Abstract the Problem and Identify Functions	JC AZ	Abstract…
1.3.3		Approve Key Functions	W Wassi	Ap…
1.3.4		Developing Working Structures and Morphological Box	JC AZ +2	De…
1.3.4.1		Adjust Solution according to Market Analysis	AZ Ahmad Zeaiter	Ad…
1.3.4.2		Adjust Solution according to FMEA	W Wassi	Adj…
1.3.5		Drawing Concept Sketch	AZ Ahmad Zeaiter	Drawing Concept S…
1.3.6		Compile preliminary bill of materials	JC Justin Chin Cheong	Co…
1.3.7		Approve Overall Product Concept	W Wassi	Ap…
1.4		Functional Structure		Functional Structure ⏐ 18.10.2025 - 27.10.2025
1.4.1		Create preliminary product FSD	JC Justin Chin Cheong	Create prelimi…
1.4.2		Adjust FSD according to FMEA	JC Justin Chin Cheong	Adj…
1.4.3		Approve product FSD	AK Abhinav Kothari	Ap…
1.5		Human Machine Interface		Human Machine Interface ⏐ 21.10.2025 - 27…
1.5.1		Create table of I/O Interactions	AK Abhinav Kothari	Cr…
1.5.2		Define and Arrange Control Elements	AK Abhinav Kothari	De…
1.5.3		Adjust HMI according to FMEA	AK Abhinav Kothari	Adj…
1.5.4		Approve HMI	AZ Ahmad Zeaiter	Ap…
1.6		D-FMEA		D-FMEA ⏐ 22.10.2025 - 27.10.2025
1.6.1		Create Basis for Failure Analysis	W Wassi	Cr…
1.6.2		Identify Preliminary Failure Modes	W Wassi	Ide…
1.6.3		Create Draft of D-FMEA Table	AZ W	Cr…
1.6.4		Create Final D-FMEA Report	JC AK	Cr…
1.6.5		Approve D-FMEA Report	OC Okan Can Meral	Ap…
1.7		Concept Design Close-out	JC OC +3	◆