

		T0+																												1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	Concept Development Phase (3 Weeks)																																																								
2	Assessment of System Requirement Phase (3 Week)																																																								
3	Conceptual Design and Preliminary Design Phase (4 Weeks)																																																								
4	Critical Design Phase (18 Weeks)																																																								
5	Test & Evaluation Phase (19 Weeks)																																																								
6	Implementation & Finalization Phase																																																								
7	Project Ending (T0+28 Weeks)																																																								
1	Concept Development Phase																																																								
1.1	Activities																																																								
1.1.1	Literature Research and Determination and Similar Platform Specifications																																																								
1.1.2	Feasibility Works																																																								
2	Assessment of System Requirement Phase																																																								
2.1	Activities																																																								
2.1.1	Determination of Team Logo and Vision & Mission																																																								
2.1.2	Problem Define State for All Projects																																																								
2.1.3	Solve Defined Problem State for All Projects																																																								
2.1.4	General Component Research																																																								
2.2	Outcomes																																																								
2.2.1	Business Statement Report																																																								
3	Conceptual Design and Preliminary Design Phase																																																								
3.1	Activities																																																								
3.1.1	Preliminary Electrical System Design																																																								
3.1.1.1	Preliminary Sensing Unit Design																																																								
3.1.1.2	Preliminary Computational Unit Design																																																								
3.1.1.3	Preliminary Driving Unit Design																																																								
3.1.2	Preliminary Mechanical System Design																																																								
3.1.2.1	Preliminary Motion Unit Design																																																								
3.1.2.2	Preliminary Structure Design																																																								
3.2	Outcomes																																																								
3.2.1	Preliminary Report																																																								

		T0+	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4	Critical Design Phase																													
4.1	First Semester																													
4.1.1	Electrical System Design																													
4.1.1.1	Sensing Unit Design																													
4.1.1.2	Computational Unit Design																													
4.1.1.3	Driving Unit Design																													
4.1.2	Mechanical System Design																													
4.1.2.1	Motion Unit Design																													
4.1.2.2	Structure Design																													
4.1.3	To be detailed																													
4.2	First Semester Outcomes																													
4.2.1	Standards Report																													
4.2.2	Module Test Demo																													
4.2.3	Conceptual Design Report																													
4.2.4	Presentations																													
4.3	Second Semester																													
4.3.1	To be detailed																													
4.4	Second Semester Outcomes																													
4.4.1	Critical Design Review Report																													
5	Test & Evalution Phase																													
5.1	First Semester Activities																													
5.1.1	To be detailed																													
5.2	First Semester Outcomes																													
5.2.1	To be detailed																													
5.3	Second Semester Activities																													
5.3.1	To be detailed																													
5.4	Second Semester Outcomes																													
5.4.1	Critical Design Review Report																													
6	Finalization Phase																													
6.1	Activities																													
6.1.1	To be detailed																													
6.2	Outcomes																													
6.2.1	Finalized Product																													
6.2.2	Final Report																													
6.2.3	Final Demo																													
7	Project Ending																													