	(A)	Name	Duration	Predecessors	Total Slack	Start	Finish	Resource Names
1		Pendulum	44.5 days		0 days	15/01/25 08:00	18/03/25 13:00	
2		A - Project Planning	4.5 days		40 days	15/01/25 08:00	21/01/25 13:00	
3		mind mapping and figuri	2 days		38.5 days	15/01/25 08:00	16/01/25 17:00	Mechanics (Martin)[25%];M
4		powerpoint	2 days	3	38.5 days	17/01/25 08:00	20/01/25 17:00	Electronics (Andrew)[25%];
5	Ö	presentation	0.5 days	3;4	40 days	21/01/25 08:00	21/01/25 13:00	Modelling and control (Yan)[
6	Ö	B - MBSE and SysML	6.5 days		30 days	27/01/25 08:00	04/02/25 13:00	
7		SysML diagrams	3 days		31.5 days	27/01/25 08:00	29/01/25 17:00	Electronics (Andrew)[25%];.
8		define system architecture	5 days		29.5 days	27/01/25 08:00	31/01/25 17:00	Electronics (Andrew)[25%];.
9	Ö	presentation	0.5 days	7;8	30 days	04/02/25 08:00	04/02/25 13:00	Modelling and control (Yan)[
10	Ö	C - Risk Management	11.5 days		15 days	10/02/25 08:00	25/02/25 13:00	
11		identify sources of risk	3 days		21.5 days	10/02/25 08:00	12/02/25 17:00	Electronics (Andrew)[25%];
12		design programme for pr	5 days		6.5 days	10/02/25 08:00	14/02/25 17:00	Electronics (Andrew)[25%];.
13	Ö	presentation	0.5 days	11;12	15 days	25/02/25 08:00	25/02/25 13:00	Modelling and control (Yan)[
14		D - Modeling and Simul	39.5 days		5 days	15/01/25 08:00	11/03/25 13:00	
15		read related paper	0.5 days		44 days	15/01/25 08:00	15/01/25 13:00	Electronics (Andrew)[25%];.
16		choosing electric compo	10 days		1.5 days	15/01/25 08:00	28/01/25 17:00	Electronics (Andrew)
17		basic electronics working	5 days	16	29.5 days	29/01/25 08:00	04/02/25 17:00	Electronics (Andrew)
18		PID for DC motors	2 days	16	27.5 days	29/01/25 08:00	30/01/25 17:00	Modelling and control (Yan)[
19		CAD model rail+cart	5 days	16	1.5 days	29/01/25 08:00	04/02/25 17:00	Mechanics (Martin)
20		simulate pendulum	2 days		40 days	15/01/25 08:00	16/01/25 17:00	Modelling and control (Yan)
21		make an observer, pick	1 day	16	15.5 days	29/01/25 08:00	29/01/25 17:00	Modelling and control (Yan)
22		simulate noise and imple	0.5 days	20	40 days	17/01/25 08:00	17/01/25 13:00	Modelling and control (Yan)
23		link electronics to control	5 days	18	27.5 days	31/01/25 08:00	06/02/25 17:00	Programming (Haichen)
24		presentation	0.5 days	20;21;22	5 days	11/03/25 08:00	11/03/25 13:00	Modelling and control (Yan)[
25		E - Prototyping, Evalua	29.5 days		0 days	05/02/25 08:00	18/03/25 13:00	
26		fabrication rail+cart	10 days	19	1.5 days	05/02/25 08:00	18/02/25 17:00	Mechanics (Martin)
27		add correct parameters	2 days	22;26	17.5 days	19/02/25 08:00	20/02/25 17:00	Modelling and control (Yan)
28		measured data observer	3 days	21;26	1.5 days	19/02/25 08:00	21/02/25 17:00	Programming (Haichen)
29		testing the built pendulu	15 days	12;26;28	1.5 days	24/02/25 08:00	14/03/25 17:00	Modelling and control (Yan)[
30		presentation	0.5 days	16;20	0 days	18/03/25 08:00	18/03/25 13:00	Modelling and control (Yan)[
31		F - Project Report	11 days	29SS+5 days	0.5 days	03/03/25 08:00	17/03/25 17:00	
32		writing the report	11 days		0.5 days	03/03/25 08:00	17/03/25 17:00	Modelling and control (Yan)[
33		taking pictures	3 days		8.5 days	03/03/25 08:00	05/03/25 17:00	Modelling and control (Yan)[