

D	Task Name	Duration	Start	2 Dec 04 11 18 25	23 Jan 01 08 15 22 29	23 Feb 05 12 19 26	23 Mar 05 12 19 26	23 Apr 02 09
1	1. Define the scope and the objectives of the project	12 days	Fri 23-01-13					
2	1.1 Identify the potential stakeholders for the project and discover their interests and needs	1 day	Fri 23-01-13					
3	1.2 Meet with the clients to find out their needs	2 days	Mon 23-01-16					
4	1.3 Identify and determine the constraints, functional requirements, and attributes of the project	3 days	Wed 23-01-18					
5	1.4 Identify possible sources of relevant information that will be used in project	3 days	Sat 23-01-21					
6	1.5 Discuss, decide, and define the scope of the project	1 day	Mon 23-01-23					
7	1.6 Summarize the information searched among the team members	1 day	Wed 23-01-25					
8	1.7 Develop a team agreement describing personal and team expectations	1 day	Sat 23-01-21					
9	1.8 Draft, revise, edit, and finalize Phase 1 Report	2 days	Fri 23-01-13					
10	1.9 Create a timeline for the project	3 days	Thu 23-01-26					
11	1.10 Develop a preliminary resource plan and consider the societal impacts of the project for the project plan	2 days	Fri 23-01-27					
12	1.11 Draft, revise, edit, and finalize Phase 2 Report	6 days	Mon 23-01-23					
13	2. Design the prototype	24 days	Mon 23-01-30					
14	2.1 Conduct research on pre-existing designs and alternatives	11 days	Mon 23-01-30					
15	2.2 Create multiple rough designs for the system and subsystems	6 days	Mon 23-02-13					
16	2.3 Decide and develop design proposal outlining the technical aspects of the design along with a plan that follows	3 days	Fri 23-02-10					
17	2.4 Draft, revise, edit, and finalize Phase 3 Report	6 days	Mon 23-02-13					
18	2.5 Get the design approved	9 days	Sun 23-02-19					
19	3. Model and build the prototype	26 days	Fri 23-03-03					
20	3.1 Conduct math modelling for each subsystem	7 days	Fri 23-03-03					
21	3.2 Make measurements for system and subsystems to finalize CAD design	1 day	Tue 23-03-14					
22	3.3 Finalize the actual design for CAD and the prototype	10 days	Wed 23-03-15					
23	3.4 Develop a list for the bill of materials	1 day	Wed 23-03-29					
24	3.5 Purchase the required materials	7 days	Thu 23-03-30					
25	3.7 Build the physical prototype	15 days	Mon 23-03-20					
26	4. Install, assemble, test, deliver and present the finished prototype	7 days	Sat 23-04-08					
27	4.1 Develop testing plan for each subsystem and record testing results into the testing plan	1 day	Sat 23-04-08					
28	4.2 Modify and adjust the prototype according to the testing plan to ensure that the prototype will run as required by t	3 days	Sat 23-04-08					
29	4.3 Present the prototype to the clients	1 day	Fri 23-04-14					
30	4.4 Draft, revise, edit, and finalize Phase 4 Report	7 days	Sat 23-04-08					
31	4.5 Presentation	1 day	Fri 23-04-14					