Project Start Date:	10-Feb-24	Term:				Spring 2024								2024														
Project Name:	**Active Suspension System**							Week starting		February			March					April				May						

#	Activity	Start	End	Days	Status	%Done	10 Feb	17 Feb	24 Feb	2 Mar	9 Mar	16 Mar	23 Mar	30 Mar	6 Apr	13 Apr	20 Apr	27 Apr	4 May	11 May	18 May	25 May
1	Determine Auctation Force needed.	10-Feb-24	17-Feb-24	8	Completed	100%	▓															
2	Selection suitable Actuator & Select saled model Test rig	17-Feb-24	20-Feb-24	4	Completed	100%		▓														
4	Mathematical Passive model	17-Feb-24	20-Feb-24	4	Completed	100%		▓														
6	uninstall Old suspension on test rig & scaled Model Parameter Determination	24-Feb-24	29-Feb-24	6	Completed	100%			▓													
7	select damper and springs to operate Passive model	1-Mar-24	7-Mar-24	7	Completed	100%				▓												
8	design and manufacturing to install the Passive model on the test rig.	2-Mar-24	7-Mar-24	6	Completed	100%				▓												
10	displacment sensor manufacturing	2-Mar-24	9-Mar-24	8	Completed	100%				▓												
11	Installing passive suspension and sensors on test rig	9-Mar-24	17-Mar-24	9	Completed	100%					▓											
12	operate test rig to take readings from it	20-Mar-24	26-Mar-24	7	Completed	100%							▓									
13	stop working due to midterm exams	28-Mar-24	8-Apr-24	12	Completed	100%								▓								
14	Remove passive suspension we had installed before	9-Apr-24	9-Apr-24	1	Completed	100%									▓							
15	initiate actuator fixation design on test rig.	10-Apr-24	15-Apr-24	6	Completed	100%										▓						
16	learn how to operate actuator and control it	20-Feb-24	9-May-24	80	Completed	100%		▓▓▓▓▓▓▓▓▓▓▓▓											▓			
17	start design an extension to modify test fig Hight.	13-Apr-24	19-Apr-24	7	Completed	100%										▓						
18	Manufacturing Extension to test rig.	20-Apr-24	27-Apr-24	8	Completed	100%											▓					
19	install actuator on test rig	27-Apr-24	1-May-24	5	Completed	100%												▓				
20	operate test rig with Actuator fixed on test rig	1-May-24	1-May-24	1	Completed	100%													▓			
21	Stop working for weak because feasts	2-May-24	8-May-24	7	Completed	100%													▓			
22	install sensors on test rig again	9-May-24	9-May-24	1	Completed	100%														▓		
23	learn about how to control our system and choose suitable controls	20-Feb-24	9-May-24	80	Completed	100%		▓▓▓▓▓▓▓▓▓▓▓▓											▓			
24	apply control algorism on our actuator	9-May-24	11-May-24	3	Completed	100%														▓		
25	operate test rig with controlled Active suspension	11-May-24	15-Jun-24	36	Completed	100%														▓	▓	
26	start writing book of project	11-May-24	15-Jun-24	36	Completed	100%														▓	▓	
27	start make a presentation of our project	20-Jun-24	25-Jun-24	6	Completed	100%																