

Project IEE	Column2	Column3	Column4	workload	Remmy	number of manhours	actual hours	Regis
jobs	tasks	subtasks	subtasks	hours				
1.Engineering	1.1 Case SSV part I	1.1.1 Designing Parts	1.1.1.1 Frame	16				
			1.1.1.2 Wheel	16				
			1.1.1.3 Shaft	16		8		
			1.1.1.4 Drive Structure	16				
			1.1.1.5 Control System	16				
			1.1.1.6 Mounting Solar Panel	16				
			1.1.1.7 Total Weight	1				
		1.1.2 Solar panel characteristics	1.1.2.1 Measuring Voltage Output	10		2		
			1.1.2.2 Power Consumption Maximalization	10		2		
		1.1.3 Optimal gear ratio	1.1.3.1 Calculation	7				
			1.1.3.2 Wheel Gears Optimisation	7				
			1.1.2.7 Max Speed On Flat course	8				
			1.1.2.8 Max Speed On Slope Surface	8				
		1.1.3 Sankey Diagram		4		4		
		1.1.2.9 Bisection Method		4				
	1.2 Case Simulink	1.2.1 Solar panel	1.2.1.1 Solar panel 10 Ohm R	3		1		
			1.2.1.2 Solar panel 100 Ohm R	3		1		
		1.2.2 DC motor	1.2.2.1 With solar panel	3		1		
			1.2.2.2 Without solar panel	3		1		
			1.2.2.3 Combined models	3		1		
		1.2.3 Calculation gears	1.2.3.1 Optimal gear	2		1		
			1.2.3.2 Plotting graphs	2		1		
	1.2 Case SSV Part II	1.2.1 Solid Works	1.2.1.1 Drawing parts	15				
			1.2.1.2 3D Assembly	15				
			1.2.1.3 2D with Dimension	15		8		
			1.2.1.4 Simplified Drive Shaft Model	15				
		1.2.2 Calculation and Plots	1.2.2.1 Shear Force Diagrams	4		2		
			1.2.2.2 Bending Moment Diagram	4		2		
			1.2.2.3 Torsion Diagram	4		2		
			1.2.2.4 Calculate the equivalent stress	4		2		
		1.2.3 Collision Test	1.2.3.1 Max speed from angle 10d	5		1		
			1.2.3.2 Calculation collision duration	5		1		
2. Enterprising	2.1 Advertising	2.1.1 LOGO		5		1		
		2.1.2 Name		5		1		
	2.2 Webpage	2.2.1 Blogging WikiVersity		10				
3. Educating	3.1 Learning the software			10		2		
	3.2 Learning technical drawing			10		2		
	3.3 Report			60		20		
4. Seminars				45		9		
			total	405		76		

