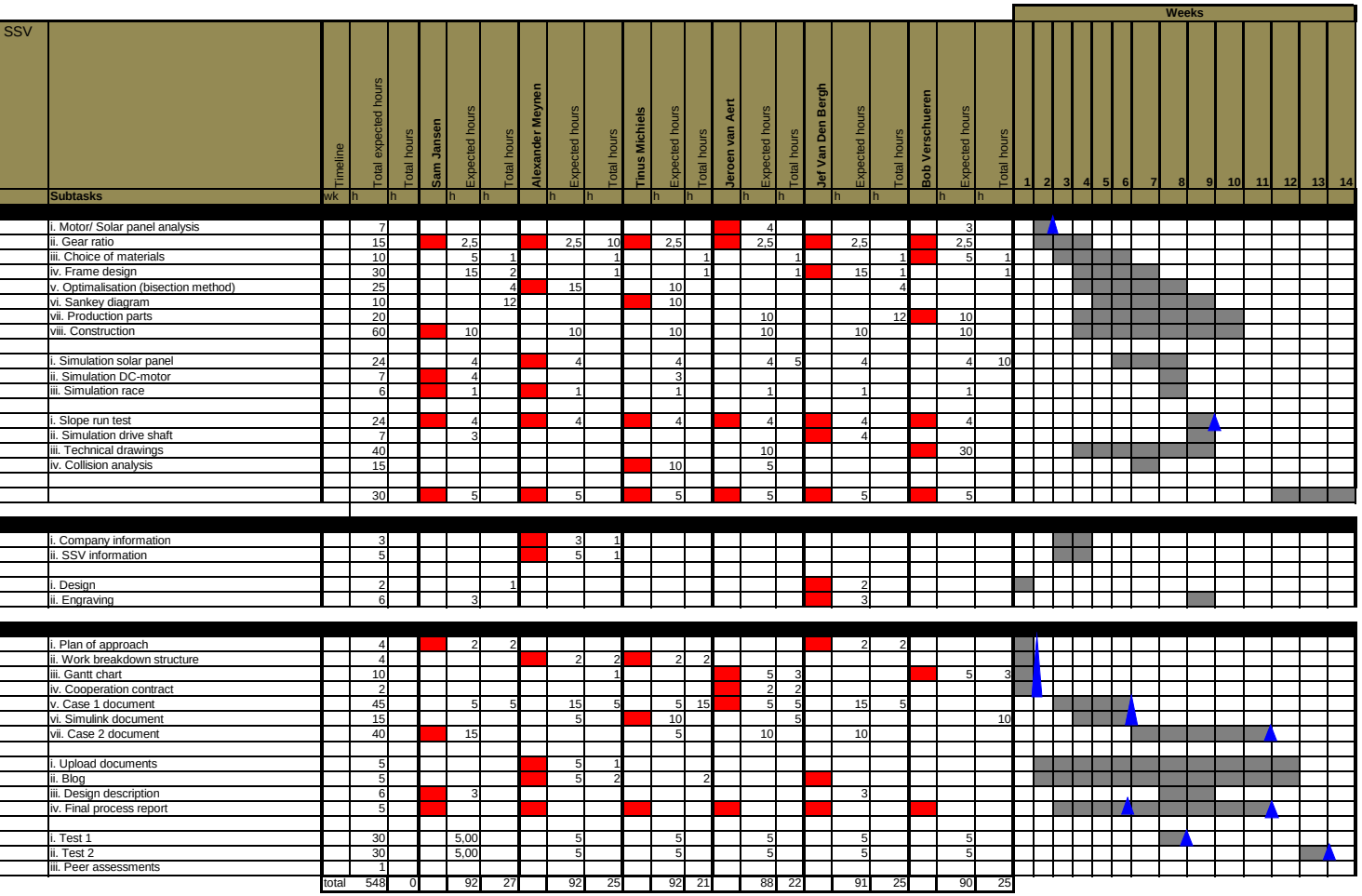
Gantt chart 1

EE4: Building an SSV		Timeline	Total expected hours	Total hours	Sam Jansen	Expected hours	Total hours	Alexander Meynen	Expected hours	Total hours	Tinus Michiels	Expected hours	Total hours	Jeroen van Aert	Expected hours	Total hours	Jef Van Den Bergh	Expected hours	Total hours	Bob Verschueren	Expected hours	Total hours
Tasks	**Subtasks**	wk	h	h		h	h		h	h		h	h		h	h		h	h		h	h
Engineering																						
a. Case SSV 1	i. Motor/ Solar panel analysis		7												4						3	
	ii. Gear ratio		15			2,5			2,5	10		2,5			2,5			2,5			2,5	
	iii. Choice of materials		10			5	1			1			1			1			1		5	1
	iv. Frame design		30			15	2			1			1			1		15	1			1
	v. Optimalisation (bisection method)		25				4		15			10							4			
	vi. Sankey diagram		10				12					10										
	vii. Production parts		20												10				12		10	
	viii. Construction		60			10			10			10			10			10			10	
b. Case Simulink	i. Simulation solar panel		24			4			4			4			4	5		4			4	10
	ii. Simulation DC-motor		7			4						3										
	iii. Simulation race		6			1			1			1			1			1			1	
c. Case SSV 2	i. Slope run test		24			4			4			4			4			4			4	
	ii. Simulation drive shaft		7			3												4				
	iii. Technical drawings		40												10						30	
	iv. Collision analysis		15									10			5							
d. Race day			30			5			5			5			5			5			5	
Enterprising																						
e. Wikipage	i. Company information		3						3	1												
	ii. SSV information		5						5	1												
f. Name & Logo	i. Design		2				1											2				
	ii. Engraving		6			3												3				
Educating																						
g. Documents	i. Plan of approach		4			2	2											2	2			
	ii. Work breakdown structure		4						2	2		2	2									
	iii. Gantt chart		10							1					5	3					5	3
	iv. Cooperation contract		2												2	2						
	v. Case 1 document		45			5	5		15	5		5	15		5	5		15	5			
	vi. Simulink document		15						5			10				5						10
	vii. Case 2 document		40			15						5			10			10				
h. Wikipage	i. Upload documents		5						5	1												
	ii. Blog		5						5	2			2									
	iii. Design description		6			3												3				
	iv. Final process report		5																			
i. Evaluation	i. Test 1		30			5,00			5			5			5			5			5	
	ii. Test 2		30			5,00			5			5			5			5			5	
	iii. Peer assessments		1																			
		total	548	0		92	27		92	25		92	21		88	22		91	25		90	25



Legende

milestone

responsibillity