Estimated Person-Months

		Analysis					Design			elopm	ent		Tes	t Planı	ning	Test Execution				
ID	Task Name	FR	VN	NZ	FR	VH	NZ	KH	SZ	FR	VN	NZ	KH	SZ	FR	VN	NZ	FR	VN	NZ
1	Safety																			
1.a.	Informational																			
1.a.i.	Proximity Sensors (Reverse, forward and gutter)	1.00		0.75	2.75		2.25	3.00	2.75	3.00	4.50	2.50	4.00	3.00	1.25		1.50	2.75	3.00	3.00
1.a.ii.	Tyre Pressure Sensors	1.50		1.50	3.50		4.25	5.00	3.00	4.00	7.00	4.50	4.25	3.25	2.25		2.25	4.25	2.75	4.50
1.a.iii.	Driver Fatigue Sensor	2.00		1.75	5.50		4.75	6.00	4.50	5.50	8.75	5.00	6.00	5.25	2.75		3.00	5.25	5.75	5.50
1.a.iv.	Doors closed	0.50		0.50	1.25		1.00	2.25	1.25	1.50	2.00	1.00	3.75	1.25	0.75		0.75	1.25	1.25	1.50
1.b.	Control																			
1.b.i.	Locking System	0.50		0.50	1.25		1.50	2.50		1.50		1.50	3.00	0.75	0.75		0.75	1.50	1.75	1.75
1.b.ii.	Wind-screen wipers	0.75		0.75	1.75		1.75	2.25	1.50	2.00	3.25	2.00	2.50	2.50	1.25		1.25	2.00	2.25	2.25
	Lighting System	1.00		1.25	2.75		3.25	3.75	2.25	3.00	5.23	3.50	3.25	2.00	2.00		1.50	3.25	3.50	3.50
1.b.iv.	Engine	4.00		4.75	11.50		9.75	12.25	10.00	11.50	18.50	11.00	11.25	11.00	7.25		6.00	11.25	12.50	11.50
1.c.	Critical																			
1.c.i.	Ignition	2.00		2.25	4.00		6.25	3.00	5.00	4.50		6.50	7.00	4.00	3.50		3.00	5.50	6.00	5.75
1.c.ii.	Power Steering	3.00		2.50	7.25		6.50	5.00	6.50	7.50	23.00	7.00	5.00	6.00	3.75		4.50	7.25	8.00	7.50
1.c.iii.	ABS	1.50		1.50	4.00		3.75	5.50	4.50	4.00	6.50	4.00	5.75	4.00	2.25		2.25	4.00	4.50	4.25
1.c.iv.	Electronic Stability Program (ESP)	2.00		1.75	4.75		5.00	3.00	5.25	5.00	8.25	5.00	3.75	4.00	2.75		3.00	5.00	5.50	5.25
1.c.v.	Airbags	1.50		1.50	4.25		4.00	4.50	5.25	4.50	7.00	4.00	5.75	3.75	1.25		1.25	4.25	4.75	4.50
2	Entertainment																			
2.a.	Radio	0.50		0.50	0.50		0.50	0.50	0.50	1.00	1.00	1.00	0.75	2.00	0.50		0.50	1.00	1.25	1.25
2.b.	CD	0.50		0.50	0.50		0.50	1.00	1.00	1.00	1.25	1.00	0.75	2.00	0.50		0.50	1.00	1.25	1.25
2.c.	Phone (Bluetooth)	0.50		0.75	0.50		1.00	0.25	1.50	1.00	2.75	2.50	0.75	3.00	0.50		0.50	1.75	2.00	2.00
2.d.	iPod interface	0.50		0.50	0.75		0.75	0.25	1.50	2.00	3.25	2.00	1.75	2.75	0.50		0.50	2.00	2.50	2.25
3	Satellite Navigation																			
3.a.	Location	1.50		1.25	1.75		1.50	3.00	1.75	4.00	6.25	3.50	5.00	4.25	1.00		1.25	3.75	4.25	4.00
3.b.	Map Display	3.00		3.00	3.25		4.25	5.00	3.00	7.00	14.75	11.00	6.00	6.75	2.25		2.25	9.00	10.00	9.25
3.c.	Direction Planning	3.00		2.75	4.25		4.00	6.00	3.50	11.00	17.00	10.50	10.00	11.00	2.00		2.25	10.75	12.00	11.00
4	Comfort																			
4.a.	Power locking	0.50		0.50	0.50		0.50	0.25	1.00	1.00	1.25	1.00	2.00	1.00	0.50		0.50	1.00	1.25	1.25
4.b.	Windows	0.50		0.50	0.50		0.75	0.25	1.25	1.00	1.00	2.00	3.00	2.00	0.50		0.50		1.50	1.75
4.c.	Placement of seat and steering wheel tailored for each registered of	1.50		1.75	2.00		2.50	2.00	2.25	5.00	7.25	6.50	6.00	4.00	1.25		1.25	5.75	6.50	6.00

ID	Location	Monthly Cost	Currency	
FR	France	20	K Francs	Headoffice
VN	Vietnam	6	K USD	
ΝZ	New Zealand	16	K NZD	
KH	Cambodia	45000	K KHR	
SZ	Switzerland	15	K Francs	Subcontractor

Total Person Months	33.25	0.00	33.25	69.00	0.00	70.25	76.50	70.25	91.50	####	98.50	####	89.50	41.25	0.00	41.00	95.00	####	####
Max Person Months excl. Project Management	18.00		36.00	36.00		60.00	36.00		48.00		72.00	####		24.00		36.00	72.00	1	96.00

Planned Person Months

1				Analysi				Design					relopm				t Plann			Execu				Cost			
1.a. Informational	ID	Task Name	FR	VN	NZ	FR	VN	NZ	KH	SZ	FR	VN	NZ	KH	SZ	FR	N	NZ	FR	VN	NZ	Resources	FR	VN	NZ	KH	SZ
1.a.i. Proximity Sensors (Reverse, forward and qutter) 0.75 2.25 2.50 1.50 3.00 TRUE 0 0.160 1.a.ii. Driver Fatique Sensor 1.50 4.25 4.50 2.25 4.50 1.50 0.22 1.50 0.272 1.50 0.22 1.50 0.02	1	Safety																									
1.3 1.5	1.a.	Informational																									
La, III Driver Fatigue Sensor 1.75	1.a.i.	Proximity Sensors (Reverse, forward and gutter)			0.75			2.25					2.50								3.00	TRUE	0	0			0
1.a. Doors closed 0.50 0.50 1.00 0.75 1.50 TRUE 1.50	1.a.ii.	. Tyre Pressure Sensors			1.50			4.25					4.50					2.25			4.50	TRUE	0	0	272	0	0
1.bi																											0
1.b.ii. Locking System 0.50 1.50 1.50 0.75 1.75 TRUE 0 0 96	1.a.iv	v. Doors closed			0.50			1.00					1.00					0.75			1.50	TRUE	0	0	76	0	0
1.b.ii. Updaying System 0.75 1.75 2.00 1.25 2.25 TRUE 0 0 128 1.b.ii. Updaying System 1.25 3.25 3.50 1.1.00 6.00 11.50 TRUE 0 0 688 1.b.C. Critical 1.c. Injustion 6.00 11.50 TRUE 0 0 688 1.c.l. Injustion 2.25 6.25 6.50 3.00 5.75 TRUE 0 0 380 1.c.li. Power Steering 2.25 6.50 7.00 4.50 7.50 TRUE 0 0 448 1.c.I. ABS 1.50 3.75 4.00 2.25 4.25 TRUE 0 0 252 1.c.V. Electronic Stability Program (ESP) 1.50 3.75 4.00 2.25 4.50 TRUE 0 0 252 1.c.V. Airbags 1.50 4.00 4.00 1.25 4.50 TRUE 0 0 244 2.b. CD 0.50 0.50 0.50 0.50 1.25 TRUE 0 0 244 2.b. CD 0.50 0.50 0.50 0.50 1.25 0.50 1.25 TRUE 30 15.5 0 <tr< td=""><td>1.b.</td><td>Control</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<>	1.b.	Control																									
1.bit Uphting System 1.25 3.25 3.50 1.50 3.50 TRUE 0 0 0 208								1.50										0.75			1.75	TRUE	0	0			0
1.b. Engine																							0	0			0
1.C. Critical																							0	0		0	0
L.C.I. Ignition 2.25 6.25 6.50 3.00 5.75 TRUE 0 0 380 L.C.II. ABS 1.50 3.75 4.00 2.25 4.25 TRUE 0 0 480 L.C.I. Alrbags 1.50 3.75 4.00 2.25 4.25 TRUE 0 0 252 L.C.V. Alrbags 1.50 4.00 4.00 1.25 4.50 TRUE 0 0 244 2.a. Radio 0.50 0.50 0.50 1.00 0.50 1.25 TRUE 30 15 0 2.b. Complete (Bluetooth) 0.50 0.50 0.50 2.75 0.50 2.00 TRUE 30 15 0 3.a. Location 1.50 1.75 4.00 1.00 3.75 1.00 3.75 TRUE 30 15 0 2.b. Phone (Bluetooth) 0.50 0.50 1.25 0.50 2.25 TRUE 30 15 0 2.d. IPod interface 0.50 0.50 2.75 0.50 2.00 TRUE 35 34.5 0 3.b. Location 1.50 1.75 4.00 1.00 3.75 TRUE 40 0 <td></td> <td></td> <td></td> <td></td> <td>4.75</td> <td></td> <td></td> <td>9.75</td> <td></td> <td></td> <td></td> <td></td> <td>11.00</td> <td></td> <td></td> <td></td> <td></td> <td>6.00</td> <td></td> <td></td> <td>11.50</td> <td>TRUE</td> <td>0</td> <td>0</td> <td>688</td> <td>0</td> <td>0</td>					4.75			9.75					11.00					6.00			11.50	TRUE	0	0	688	0	0
Li, Dower Steering																										$oldsymbol{}$	
1.c.ii. ABS 1.50 3.75 4.00 2.25 4.25 TRUE 0 0 252 1.c.iv. Electronic Stability Program (ESP) 1.75 5.00 5.00 3.00 5.25 TRUE 0 0 320 1.c.v. Airbags 1.50 4.00 4.00 1.25 4.50 TRUE 0 0 244 2.a. Radio 0.50 0.50 0.50 1.00 0.50 1.25 TRUE 30 15 0 2.b. Complete (Bluetoth) 0.50 0.50 1.25 0.50 2.00 TRUE 30 15 0 2.d. Pola (Bluetoth) 0.50 0.50 2.25 0.50 2.00 TRUE 30 15 0 3.a. Location 1.50 1.75 4.00 1.00 3.75 TRUE 35 34.5 0 3.b. Map Display 3.00 3.25 7.00 2.25 9.00 TRUE 40 0 3.c. Director Planning 3.00 4.25 11.00 0.50 1.00 TRUE 70 0 4.a. Power locking 0.50 0.50 1.00 TRUE 70 0 0																								_			_
LeV Electronic Stability Program (ESP)																										0	0
1.CV Airbags 1.50 4.00 4.00 1.25 4.50 TRUE 0 0 244	1.c.iii																						0	0			0
Entertainment																							0	0			0
2.a. Radio 0.50 0.50 1.00 0.50 1.25 TRUE 30 13.5 0 2.b. D 0.50 0.50 0.50 0.50 1.25 TRUE 30 15 0 2.c. Phone (Bluetooth) 0.50 0.50 2.25 0.50 2.00 TRUE 30 28.5 0 2.d. Pod interface 0.50 0.75 3.25 0.50 2.00 TRUE 35 34.5 0 3 Satellite Navigation 1.50 1.75 4.00 1.00 3.75 TRUE 34.5 0 3.b. Jordina Planning 3.00 3.25 7.00 2.25 9.00 TRUE 490 0 0 3.c. Director Planning 3.00 4.25 11.00 2.00 10.75 TRUE 620 0 0 4.a. Power locking 0.50 0.50 1.00 0.50 1.00 TRUE 70 0 0					1.50			4.00					4.00					1.25			4.50	TRUE		0	244	0	. 0
2.b. CD																										\perp	
2.c. Phone (Bluetooth) 0.50 0.50 0.50 2.75 0.50 2.00 TRUE 30 28.5 0 2.d. Pot interface 0.50 0.75 3.25 0.50 2.00 TRUE 35 34.5 0 3 Satellite Navigation 1.00 1.00 3.75 TRUE 35 34.5 0 3.a. Location 1.50 1.75 4.00 1.00 3.75 TRUE 240 0 0 3.b. Discolor Planning 3.00 3.25 7.00 2.25 9.00 TRUE 490 0 0 3.c. Direction Planning 3.00 4.25 11.00 2.00 1.07 TRUE 620 0 0 4.a. Power locking 0.50 0.50 1.00 0.50 1.00 TRUE 70 0 0																											0
2.d. Pod Interface 0.50 0.75 3.25 0.50 2.50 TRUE 35 34.5 0	2.b.																									0	. 0
3 Satellite Navigation	2.c.																									0	. 0
3.a. Location 1.50 1.75 4.00 1.00 3.75 TRUE 240 0 0 3.b. Map Display 3.00 3.25 7.00 2.25 9.00 TRUE 490 0 0 3.c. Direction Planning 3.00 4.25 11.00 2.00 10.75 TRUE 620 0 0 4 Comfort 1.00 0.50 1.00 TRUE 70 0 0	2.d.		0.50			0.75						3.25				0.50				2.50		TRUE	35	34.5	0	0	0
3.b. Map Display 3.00 3.25 7.00 2.25 9.00 TRUE 490 0 3.c. Direction Planning 3.00 4.25 11.00 2.00 10.75 TRUE 620 0 0 4 Comfort 4.25 1.00 0.50 1.00 TRUE 70 0	3																									\perp	
3.c. Direction Planning 3.00 4.25 11.00 2.00 10.75 TRUE 620 0 0 4 Comfort 4.25 11.00 0.50 1.00 TRUE 70 0 0	3.a.																								0	0	. 0
4 Comfort	3.b.																									0	. 0
4.a. Power locking 0.50 0.50 1.00 0.50 1.00 TRUE 70 0 0	3.c.		3.00			4.25					11.00					2.00			10.75			TRUE	620	0	0	0	0
	4																									\perp	
4 h Windows 0.50 0.50 1.00 1.00 1.50 1.50 TRUE 1.80 0.00																										0	0
	4.b.	Windows									1.00											TRUE				0	. 0
4.c. Placement of seat and steering wheel tailored for each registered c 1.50 2.00 5.00 1.25 5.75 TRUE 310 0 0	4.c.	Placement of seat and steering wheel tailored for each registered c	1.50			2.00					5.00					1.25			5.75			TRUE	310	0	0	0	0
																										oxdot	
																											0
Integration (Person-months) 0.10 0.10 0.10 0.10 0.60 0.60 0.60 0.60			0.10		0.10	0.10		0.10				0.60	0.60			0.10		0.10		0.40	0.40						0
Other (Person-months) - must be specified 0.90 1.00 38 0 0		Other (Person-months) - must be specified									0.90								1.00				38	0	. 0	0	0
					, ,																						
Total Person Months 13.30 0.00 23.45 16.00 0.00 58.10 0.00 0.00 33.40 9.65 63.30 0.00 10.50 0.00 34.10 36.25 8.10 67.15		Total Person Months	13.30	0.00	23.45	16.00	0.00	58.10	0.00	0.00	33.40	9.65	63.30	0.00	0.00	10.50	0.00	34.10	36.25	8.10	67.15						
					, ,																						
Max Person Months excl. Project Management 18.00 36.00 36.00 60.00 36.00 48.00 72.00 #### 24.00 36.00 72.00 96.00		Max Person Months excl. Project Management	18.00		36.00	36.00		60.00	36.00		48.00		72.00	####		24.00		36.00	72.00		96.00						

Excha	inge Rates
Euro	1.000
USD	0.77
NZD	0.64
KHR	0.00019
Francs	0.830
Last updated	#########

Total Cost of Human Resourc € 47,39,869

Other Costs	Total (EUR)	Total Other Costs (EUR)
Big dinner party at the beginning	300	3150
Analysis sofware	180	
Design tools	200	
Development tools	170	
Testing tools	300	
Dinner party at the end of project	400	
communication tools(hardware and software	s 1600	