#	Package	Sub-package	# persons	Hours/person	Total # of hours	Hours per main package	Person-days(~5h)/Persons assigned	
1	Pre-study					174	9	
1.1		Choice and study of software/tools	4	2	8		0.4	
1.2		Technology learning and acclimatization	4	25	100		5	
1.3		Overall planning/management	4	8	32		1.6	
1.4		Role distribution	4	1	4		0.2	
1.5		Process/Sprint planning	4	5	20		1	
1.6		Standards	1	2	2		0.4	
1.7		Milestone planning and review	4	2	8		0.4	
2	Requirements					20	1	
		Functional requirements	4	2.5	10		0.5	
		Non-functional requirements	4	2.5	10		0.5	
3	General project management					152	7.6	
3.1		Meetings with customer(s)	4	3	12		0.6	
3.2		Advisor meetings	4	5	20		1	
3.3		Meeting with the group (internal meetings not directed towards other package)	4	5	20		1	
3.4		Underway administration	4	20	80		4	
3.5		Plan maintenance/updating	4	5	20		1	
3.6								
4	Architecture					55	5	
4.1		Overall architecture	2	10	20		2	
4.2		Detailed architecture	3	5	15		1	
4.3		Patterns	2	5	10		1	
4.4		Quality Attributes	2	5	10		1	
5	Technical/API documentation					33	3.4	
5.1		Standards	1	5	5		1	
5.2		Writing	2	10	20		2	
5.3		Review	4	2	8		0.4	
6	Documentation					16	0.8	
6.1	Weekly Report							
6.1.1		Agenda	4	1	4		0.2	
6.1.2		Hours planned/work done	4	2	8		0.4	
6.1.3		Finalization	4	1	4		0.2	
7	Report					210	11.5	
7.1		Prestudy	4	12.5	50		2.5	
7.2		Architecture	2	10	20		2	
7.3		Documentation	4	20	80		4	
7.4		Implementation	4	15	60		3	
8	Implementation - Webassistenten					30	3	
8.1		Enable display of available products (no GUI is to be implemented)	2	5	10		1	
8.2		Listing the next 5 available booking dates for a selected product	2	5	10		1	
8.3		Listing modules available for a selected product	2	5	10		1	
9	Implementation - import-system service					60	6	
9.1		Receiving pdf-file and save in correct folder	2	5	10		1	
9.2		Putting accompanying data in Webassistenten database (table "prospekt")	2	10	20		2	
9.3		Checking accompanying data for required fields	2	5	10		1	
9.4		Placing an order in the internal order system	2	10	20		2	
10	Implementation - Misc.					208	17.4	
10.1		Database communication interface (Entity Framework)	2	10	20		2	
10.2		Version control system	4	2	8		0.4	
10.3		Bugfixing	2	30	60		6	
10.4		Workarounds	2	30	60		6	
10.5		Testing	4	15	60		3	
10.6		Underway learning	4	20	80		4	
11	Setup and Maintenance of Development Tools and Resources					80	4	
11.1		Database Setup	4	10	40		2	
11.2		Visual Studio Setup and Installation	4	5	20		1	
11.3		Configuration and maintenance of software packages etc.	4	5	20		1	
		Totalt:	4	279.5	1118			

#	WBS Package:	Size (Whole days)		Gantt package name	Size (Whole days)	Start	Finish	21.08-30.08	30.08-08.09	09.09-15.09	16.09-29.09	30.09-13.10	14.10-27.10	28.10-10.11	11.11-20.11	21.11	
1	Pre-study	9		Pre-study (includes requirements)	9	21.08	30.08										
2	Requirements	1			1	30.08	6.09										
3	General project management	8		General project management and documentation	9	21.08	21.11										
4	Architecture	5		Sub-package: Overall architecture and Quality Attributes	2	9.09	13.09										
5	Technical/API documentation	4		Technical/API documentation	4	28.10	7.11										
6	Documentation	1		Report	12	30.08	20.11										
7	Report	12		Sprint 1 (8, 9, 10, 4.2 and 4.3)	10	16.09	27.09										
8	Implementation - Webassistenten	3		Sprint 2 (8, 9, 10, 4.2 and 4.3)	10	30.09	11.10										
9	Implementation - import-system service	6		Sprint 3 (8, 9, 10, 4.2 and 4.3)	10	14.10	25.10										
10	Implementation - Misc.	18		Sprint 4 (8, 9, 10, 4.2 and 4.3)	10	28.10	8.11										
11	Setup and Maintenance of Development Tools and Resources	4		Setup and Maintenance of Development Tools and Resources	4	21.08											
Total:		71															