.1	Pre-study Requirements General project management	Choice and study of software/tools Technology learning and acclimatization Overall planning/management Role distribution Process/Spint planning Standards Milestone planning and review Functional requirements Non-functional requirements Meetings with customer(s) Advisor meetings Meeting with the group (internal meetings not directed towards other package) Underway administration Plan maintenance/updating		4 24 25 4 8 4 1 1 2 2 4 2 2 4 2 2 5 4 2 2 5 4 2 2 5 4 4 2 5 4 4 5 5 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6	100 323 4 20 2 8 8	20	0.4 5 1.6 0.2 1 0.4 0.4	
.2 .3 .3 .4 .5 .5 .6 .6 .7 .7 .7 .1 .1 .1 .2 .2 .3 .3 .4 .4 .1 .1 .1 .2 .2 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3	General project management	Technology learning and acclimatization Overall planning/management Role distribution Process/Sprint planning Standards Milestone planning and review Functional requirements Non-functional requirements Meetings with customer(s) Advisor meetings Meeting with the group (internal meetings not directed towards other package) Underway administration		4 25 4 8 8 4 1 1 4 5 1 2 4 2 4 2.5 4 2.5	100 32 4 20 2 8	20	5 1.6 0.2 1 0.4 0.4	
3	General project management	Overall planning/management Role distribution Process/Sprint planning Standards Milestone planning and review Milestone planning and review Functional requirements Non-functional requirements Meetings with customer(s) Advisor meetings Meeting with the group (internal meetings not directed towards other package) Underway administration		4 8 4 1 1 4 5 1 4 2 2 4 2 2 5 4 2 2 5 4 3 3 4 3 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6	32 4 200 2 2 8 100 100	20	1.6 0.2 1 0.4 0.4	
.4 .5 .5 .6 .6 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	General project management	Role distribution Process/Sprint planning Standards Milestone planning and review Functional requirements Non-functional requirements Meetings with customer(s) Advisor meetings Meeting with the group (internal meetings not directed towards other package) Underway administration		4 1 5 1 2 2 4 2 2 5 4 2 5 4 3 3	4 20 2 2 8 10	20	0.2 1 0.4 0.4 1 1 0.5	
.5 6.6 7.7 F F F F F F F F F F F F F F F F F F	General project management	Process/Sprint planning Standards Milestone planning and review Milestone planning and review Milestone planning and review Milestone planning and review Mon-functional requirements Meetings with customer(s) Advisor meetings Meeting with the group (internal meetings not directed towards other package) Underway administration		4 5 1 2 4 2 4 2.5 4 2.5 4 3	20 2 8 10	20	1 0.4 0.4 1 0.5	
6.6	General project management	Standards Milestone planning and review Functional requirements Non-functional requirements Meetings with customer(s) Advisor meetings Meeting with be group (internal meetings not directed towards other package) Underway administration		1 2 2 4 4 2.5 4 2.5 4 4 4 3 3	100	20	0.4 0.4 1 0.5	
.7 F F F C C C C C C C C C C C C C C C C	General project management	Milestone planning and review Functional requirements Non-functional requirements Meetings with customer(s) Advisor meetings Meeting with the group (internal meetings not directed towards other package) Underway administration		4 2.5 4 2.5 4 3	10	20	0.4 1 0.5	
F ()	General project management	Functional requirements Non-functional requirements Meetings with customer(s) Advisor meetings Meeting with the group (internal meetings not directed towards other package) Underway administration		4 2.5 4 2.5 4 3	10	20	1 0.5	
1.1 (2.2)	General project management	Non-functional requirements Meetings with customer(s) Advisor meetings Meeting with the group (internal meetings not directed towards other package) Underway administration		4 2.5	10		0.5	
1.1 (2.2)	General project management	Non-functional requirements Meetings with customer(s) Advisor meetings Meeting with the group (internal meetings not directed towards other package) Underway administration		4 2.5	10		0.5	
.1 .2 .3 .3 .4 .4 .5.5 .6.6		Non-functional requirements Meetings with customer(s) Advisor meetings Meeting with the group (internal meetings not directed towards other package) Underway administration		4 2.5	10			
.1 .2 .3 .3 .4 .4 .5.5 .6.6		Meetings with customer(s) Advisor meetings Meeting with the group (internal meetings not directed towards other package) Underway administration		4 3			0.5	
.1 .2 .3 .3 .4 .4 .5.5 .6.6		Meetings with customer(s) Advisor meetings Meeting with the group (internal meetings not directed towards other package) Underway administration						
.1 .2 .3 .3 .4 .4 .5.5 .6.6		Advisor meetings Meeting with the group (internal meetings not directed towards other package) Underway administration			40			
.1 .2 .3 .3 .4 .4 .5.5 .6.6		Advisor meetings Meeting with the group (internal meetings not directed towards other package) Underway administration			40	152	7.6	
.2 .3 .4 .5 .6 .1 .2 .3 .4 .1 .2 .3 .4	Architecture	Advisor meetings Meeting with the group (internal meetings not directed towards other package) Underway administration					0.6	
.3 .4 .5 .6	Architecture	Meeting with the group (internal meetings not directed towards other package) Underway administration					1	
.4	Architecture	towards other package) Underway administration			20			
.4	Architecture	Underway administration		4 5	20		1	
.5 .6 .1 .2 .3 .4 .1 .2 .3 .4	Architecture			4 20			4	
.66	Architecture			4 5			1	
	Architecture						'	
.1 .2 .3 .4 .1 .1	Architecture			+				
.1 .2 .3 .4 .1 .1	THE OFFICE OF THE OFFICE OF THE OFFICE OFFI			+		55	5	
.2 .3 .4 .1 .2 .3 .1 .1 .2		Overall architecture		2 10	20		2	
.3 .4 .4		Overall architecture Detailed architecture		3 5			2	
.4 .1 .2 .3 .1 .1 v								
.1 .2 .3 .1 (Patterns		2 5			1	
.1 .2 .3 .1 (Quality Attributes	-	2 5	10		1	
.1 .2 .3 .1 (
.2 .3 .1 \ .1.1	Technical/API documentation					33		
.3 .1 V .1.1		Standards		1 5			1	
.1 \ .1.1		Writing		2 10			2	
.1.1		Review		4 2	. 8		0.4	
.1.1								
.1.1	Documentation					16	0.8	
.1.1	Weekly Report							
.1.2		Agenda		4 1	4		0.2	
		Hours planned/work done		4 2	. 8		0.4	
.1.3		Finalization		4 1	4		0.2	
F	Report					210	11.5	
.1	порон	Prestudy		4 12.5	50		2.5	
.2		Architecture		2 10			2.5	
.3		Documentation		4 20			4	
.4		Implementation		4 15			3	
.~		Implementation		15	- 00		3	
-								
						30		
1	Implementation - Webassistenten	Enable display of evallable products (no CIII is to be				30	3	
.1		Enable display of available products (no GUI is to be		2 5	10		1	
. 1		implemented) Listing the next 5 available booking dates for a selected	·	_ 5	10		1	
.2		product		2 5	10		1	
.3		Listing modules available for a selected product		2 5			1	
		Library modules available for a selected product		. 5	10		1	
	Implementation - impert austern con !			+		60	6	
.1	Implementation - import-system service	Description and file and source in correct folds		2 5	10		1	
-1		Receiving pdf-file and save in correct folder Putting accompanying data in Webassistenten database		5	10		1	
.2		(table "prospekt")		2 10	20		2	
.3		Checking accompanying data for required fields		2 5			1	
		Discipa an order in the internal order system					2	
.4		Placing an order in the internal order system	-	2 10	20		2	
	Insulamentation Min							
	Implementation - Misc.			-		208		
0.1		Database communication interface (Entity Framework)		2 10			2	
0.2		Version control system			8		0.4	
0.3		Bugfixing		2 30			6	
0.4		Workarounds		2 30			6	
0.5		Testing		4 15			3	
0.6		Underway learning		4 20	80		4	
5	Setup and Maintenance of Development							
1 7	Tools and Resources					80		
1.1		Database Setup					2	
1.2		Visual Studio Setup and Installation		4 5	20		1	
\top		Configuration and maintenance of software packages						
1.3		etc.		4 5	20		1	
		Totalt:		4 279.5	1118			

	WBS Package:	Size (Whole days)		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	28.10- 10.11	11.11-20.11	21.11	
#															
1	Pre-study	9	Pre-study (Includes requirements)	9	21.08	30.08	3								
2	Requirements	1		1	30.08	6.09	9								
			General project management and												
3	General project management	8	documentation	9	21.08	21.11									
			Sub-package: Overall architecture and												
	Architecture	5	Quality Attributes	2	9.09										
5	Technical/API documentation	4	Technical/API documentation	4	28.10										
6	Documentation	1	Report	12	30.08										
7	Report	12	Sprint 1 (8, 9, 10, 4.2 and 4.3)	10	16.09	27.09	9								
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									
	Setup and Maintenance of Development		Setup and Maintenance of Development												
11	Tools and Resources	4	Tools and Resources	4	21.08										
tal:		71													