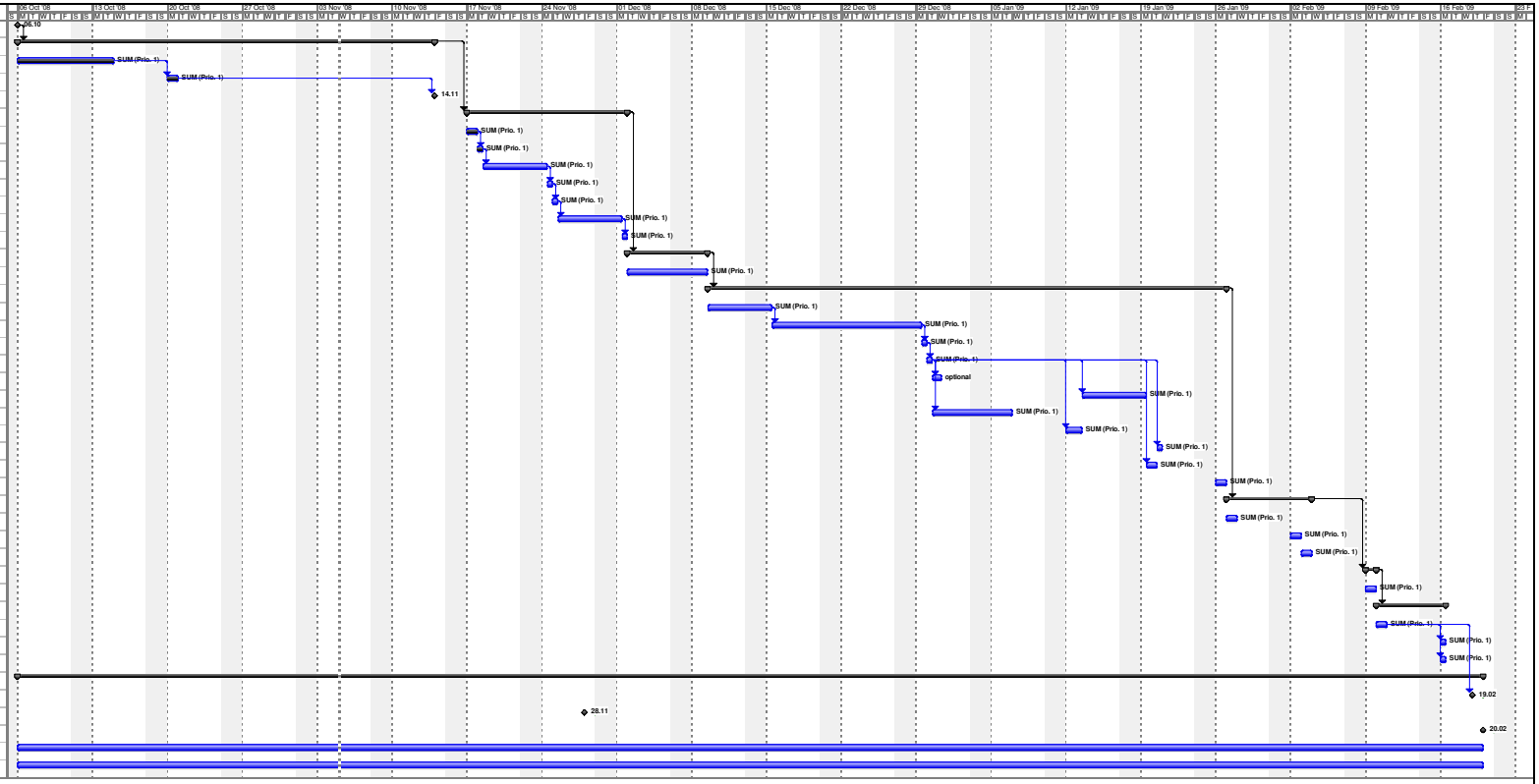
ID	Vorgangsname	Duration	Start	Finish	Predecessors	Resource Names
1	Start Thesis	0 dys	Mon 06.10.08	Mon 06.10.08		Marcel Suter Prio. 1[20%]
2	**SRS and Evaluation**	**29 dys**	**Mon 06.10.08**	**Fri 14.11.08**	1	
3	Write SRS	4 dys	Mon 06.10.08	Tue 14.10.08		Marcel Suter Prio. 1[20%]
4	Finish Evaluating Hardware	1 dy	Mon 20.10.08	Mon 20.10.08	3	Marcel Suter Prio. 1[20%]
5	Upload SRS	0 dys	Fri 14.11.08	Fri 14.11.08	4	Marcel Suter Prio. 1[20%]
6	**OO Analysis and Synthesis**	**11 dys**	**Mon 17.11.08**	**Mon 01.12.08**	2	
7	Use Cases	1 dy	Mon 17.11.08	Mon 17.11.08		Marcel Suter Prio. 1[20%]
8	Packaging	0.5 dys	Tue 18.11.08	Tue 18.11.08	7	Marcel Suter Prio. 1[20%]
9	Business Class diagram	1 dy	Tue 18.11.08	Mon 24.11.08	8	Marcel Suter Prio. 1[20%]
10	Interfaces and Inheritance	0.5 dys	Mon 24.11.08	Mon 24.11.08	9	Marcel Suter Prio. 1[20%]
11	Logical Db model	0.5 dys	Tue 25.11.08	Tue 25.11.08	10	Marcel Suter Prio. 1[20%]
12	Sequence diagrams	1 dy	Tue 25.11.08	Mon 01.12.08	11	Marcel Suter Prio. 1[20%]
13	Test Cases	0.5 dys	Mon 01.12.08	Mon 01.12.08	12	Marcel Suter Prio. 1[20%]
14	**Design**	**5.5 dys**	**Tue 02.12.08**	**Tue 09.12.08**	6	
15	Transfer Business into Design classes, in co	2.5 dys	Tue 02.12.08	Tue 09.12.08		Marcel Suter Prio. 1[20%]
16	**Implementation**	**34.5 dys**	**Tue 09.12.08**	**Mon 26.01.09**	14	
17	System Interfaces	1 dy	Tue 09.12.08	Mon 15.12.08		Marcel Suter Prio. 1[20%]
18	User Interfaces	4 dys	Mon 15.12.08	Mon 29.12.08	17	Marcel Suter Prio. 1[20%]
19	Hardware Interfaces	0.5 dys	Mon 29.12.08	Mon 29.12.08	18	Marcel Suter Prio. 1[20%]
20	Start and Shutdown	0.5 dys	Tue 30.12.08	Tue 30.12.08	19	Marcel Suter Prio. 1[20%]
21	Using WiFi	0.6 dys	Tue 30.12.08	Wed 31.12.08	20	Marcel Suter (optional)
22	Using GPS	1 dy	Tue 13.01.09	Mon 19.01.09	20	Marcel Suter Prio. 1[20%]
23	Using IMS	2.5 dys	Tue 30.12.08	Tue 06.01.09	20	Marcel Suter Prio. 1[20%]
24	Using the track db	1.5 dys	Mon 12.01.09	Tue 13.01.09	20	Marcel Suter Prio. 1[20%]
25	Using event markers	0.5 dys	Tue 20.01.09	Tue 20.01.09	20	Marcel Suter Prio. 1[20%]
26	Logging (and Emulation)	1 dy	Mon 19.01.09	Tue 20.01.09	20	Marcel Suter Prio. 1[20%]
27	Estimating the position	1 dy	Mon 26.01.09	Mon 26.01.09		Marcel Suter Prio. 1[20%]
28	**Test**	**6 dys**	**Tue 27.01.09**	**Tue 03.02.09**	16	
29	Each Sensor implementation	1 dy	Tue 27.01.09	Tue 27.01.09		Marcel Suter Prio. 1[20%]
30	Accurateness of positioning	1 dy	Mon 02.02.09	Mon 02.02.09		Marcel Suter Prio. 1[20%]
31	Requirement by ID, with supervisor	1 dy	Tue 03.02.09	Tue 03.02.09		Marcel Suter Prio. 1[20%]
32	**Bugfix**	**1 dy**	**Mon 09.02.09**	**Mon 09.02.09**	28	
33	Bugfix of found Erros	1 dy	Mon 09.02.09	Mon 09.02.09		Marcel Suter Prio. 1[20%]
34	**Doc and Presentation**	**4.5 dys**	**Tue 10.02.09**	**Mon 16.02.09**	32	
35	Finish documentation	1 dy	Tue 10.02.09	Tue 10.02.09		Marcel Suter Prio. 1[20%]
36	Quick Start Guide	0.5 dys	Mon 16.02.09	Mon 16.02.09	35	Marcel Suter Prio. 1[20%]
37	Prepare Presentation	0.5 dys	Mon 16.02.09	Mon 16.02.09	35	Marcel Suter Prio. 1[20%]
38	**Management and Doc**	**99 dys?**	**Mon 06.10.08**	**Fri 20.02.09**		
39	Upload Master Thesis	0 dys	Thu 19.02.09	Thu 19.02.09	35	Marcel Suter Prio. 1[20%]
40	Upload Abstract	0 dys	Fri 28.11.08	Fri 28.11.08		Marcel Suter Prio. 1[20%]
41	Presentation	0 dys	Fri 20.02.09	Fri 20.02.09		Marcel Suter Prio. 1[20%]
42	Management Task	99 dys?	Mon 06.10.08	Thu 19.02.09		
43	Documentation Task	99 dys?	Mon 06.10.08	Thu 19.02.09		



Projekt: MAS-06-02.23
Datum: Wed 05.11.08

Task | Progress | Milestone | Summary | Rolled Up Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

7 Use Cases
Identify and model use cases, Define scenarios and test the use cases

8 Packaging
Create packages, package diagram.)GUI and Engine must be strictly separated. Also all code that is not part of this diploma work, be it publicly available open source or from the customer, goes into separate packages))

9 Business Class diagram
Create business classes, Class diagram

11 Logical Db model
Create logical database model

12 Sequence diagrams
Create sequence diagram for a position estimate from each position provider, Create activity diagram if necessary

13 Test Cases
Specify test cases and test the model with the scenarios

15 Transfer Business into Design classes, in code

Model Business classes into Design classes, apply OO design patterns, Design associations, attributes, methods, enumerations	0.5
Design the interfaces, Design the packaging	0.5
Design the database tables	0.5
Study .NET Unit testing and define test cases (if enough time available)	1

17 System Interfaces

Find suitable NMEA lib, Implement outputter, copy data from current estimate into the NMEA classes	1

18 User Interfaces

Languages, Designing the Main parts of the dialog	0.5
Design the WCF classes for Event firing and track segment number input	1
repopulate event markers	0.5
Event firing	1
Implement status providing and GUI Elements, WCF for this.	1

19 Hardware Interfaces

Install adapter, test output with a prototype	0.5

20 Start and Shutdown

Create starter EXE, probably a Windows service for the engine, Create Starter EXE for the GUI	0.5

21 Using WiFi

Test Placelab	1
Get Data	1
Integrate Placelab	1

22 Using GPS

Integrate GPS	1

23 Using IMS

Get acquainted with the sensor and the data access	1
Create position estimates with correct CEP from the data.	0.5
Design and implement a simple algorithm that links the last known position with the IMS output. (Some sort of back-calculating the acceleration and turnrate error)	1

24 Using the track db

Create track db proxy or list that hold current track waypoints (Probably narroweed down by user input). Calculate nearest point algorithm	1.5

25 Using event markers

Create corresponding position provider	0.5

26 Logging (and Emulation)

Create logger, reading from logs, emulating sensor	1

27 Estimating the position

Create blender	1