GDP Gantt Chart - Equine Health Monitor
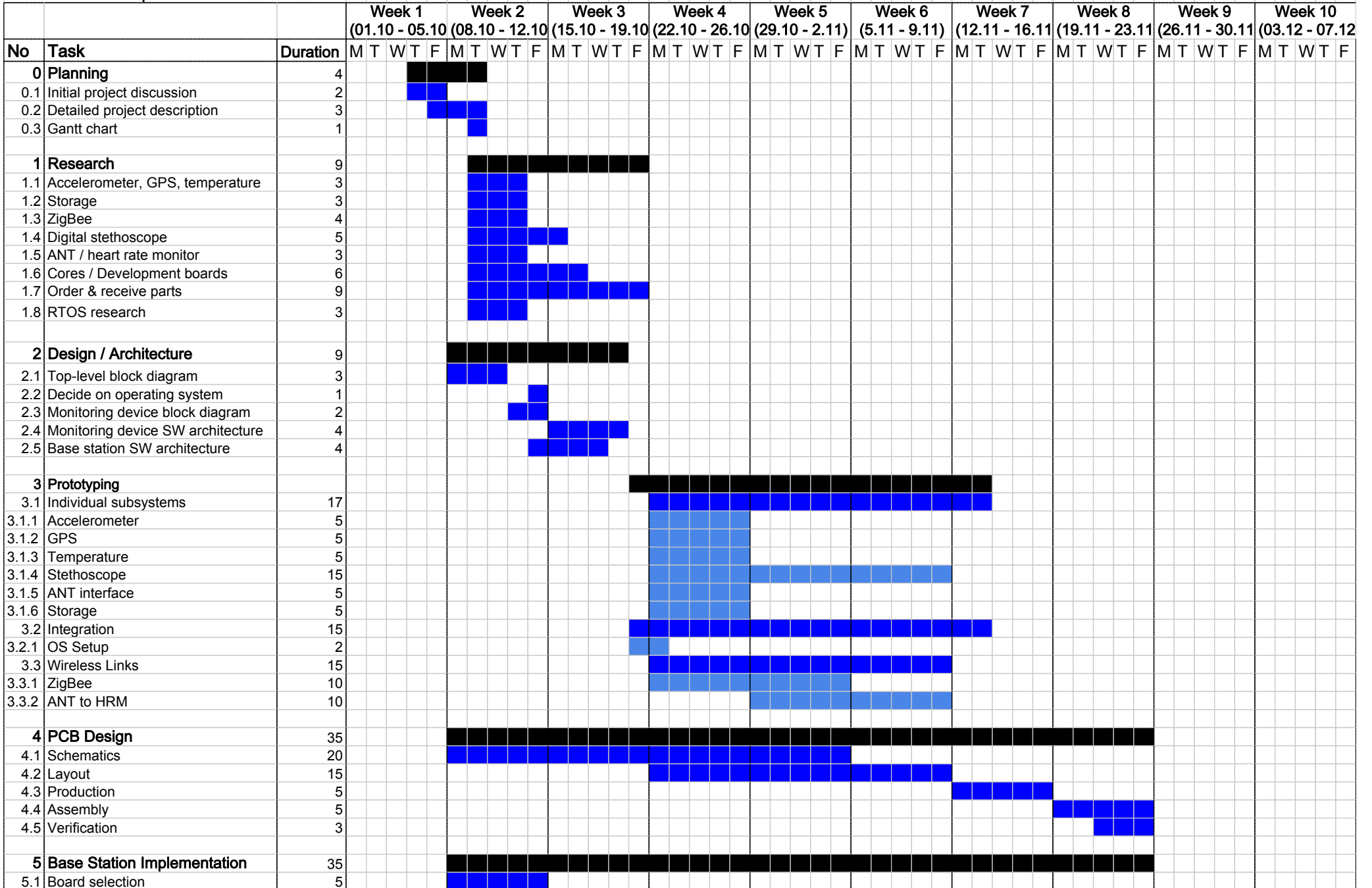
No	Task	Duration	Week 1 (01.10 - 05.10)	Week 2 (08.10 - 12.10)	Week 3 (15.10 - 19.10)	Week 4 (22.10 - 26.10)	Week 5 (29.10 - 2.11)	Week 6 (5.11 - 9.11)	Week 7 (12.11 - 16.11)	Week 8 (19.11 - 23.11)	Week 9 (26.11 - 30.11)	Week 10 (03.12 - 07.12)
0	Planning	4										
0.1	Initial project discussion	2										
0.2	Detailed project description	3										
0.3	Gantt chart	1										
1	Research	9										
1.1	Accelerometer, GPS, temperature	3										
1.2	Storage	3										
1.3	ZigBee	4										
1.4	Digital stethoscope	5										
1.5	ANT / heart rate monitor	3										
1.6	Cores / Development boards	6										
1.7	Order & receive parts	9										
1.8	RTOS research	3										
2	Design / Architecture	9										
2.1	Top-level block diagram	3										
2.2	Decide on operating system	1										
2.3	Monitoring device block diagram	2										
2.4	Monitoring device SW architecture	4										
2.5	Base station SW architecture	4										
3	Prototyping											
3.1	Individual subsystems	17										
3.1.1	Accelerometer	5										
3.1.2	GPS	5										
3.1.3	Temperature	5										
3.1.4	Stethoscope	15										
3.1.5	ANT interface	5										
3.1.6	Storage	5										
3.2	Integration	15										
3.2.1	OS Setup	2										
3.3	Wireless Links	15										
3.3.1	ZigBee	10										
3.3.2	ANT to HRM	10										
4	PCB Design	35										
4.1	Schematics	20										
4.2	Layout	15										
4.3	Production	5										
4.4	Assembly	5										
4.5	Verification	3										
5	Base Station Implementation	35										
5.1	Board selection	5										

	Task	Duration	
5.2	ZigBee Interface	8	
5.3	Data collection	17	
5.4	Webserver / API	25	
6	**Testing**	**25**	
6.1	Prototype Testing	20	
6.2	Testing of Complete System	20	
7	**Splashproof case**	**22**	
7.1	Monitoring device	8	
7.2	Base station	22	
8	**Documentation**	**47**	
8.1	Project documentation	42	
8.2	Progress Seminar 1 preparation	3	
8.3	Progress Seminar 2 preparation	3	
8.4	Final report preparation	5	