ID	Task Name	Duration	Start	Finish	Predecessors
1	1 Lesson learn	17 days	Sat 8/15/15	Tue 9/8/15	
2	1.1 Emotiv	3 days	Sat 8/15/15	Tue 8/18/15	
3	1.2 10/20 system	5 days	Wed 8/19/15	Tue 8/25/15	
4	1.3 Optimal visual condition	10 days	Wed 8/26/15	Tue 9/8/15	
5	1.4 EEG	5 days	Wed 8/19/15	Tue 8/25/15	
6	1.5 Visual stimulator	5 days	Wed 8/26/15	Tue 9/1/15	5
7	1.5.1 SSVEP	5 days	Wed 8/26/15	Tue 9/1/15	5
8	1.5.2 ERP	5 days	Wed 8/26/15	Tue 9/1/15	5
9	1.6 Digital filter	10 days	Wed 8/26/15	Tue 9/8/15	
10	2 Hardware design	10 days	Wed 9/16/15	Tue 9/29/15	1
11	2.1 Design the visual stimulator	10 days	Wed 9/16/15	Tue 9/29/15	1
12	2.2 Design software control	10 days	Wed 9/16/15	Tue 9/29/15	1
13	3 Software design	45 days	Wed 9/9/15	Tue 11/10/15	1
14	3.1 Software design pharse	10 days	Wed 9/9/15	Tue 9/22/15	
15	3.2 GUI phrase	10 days	Wed 9/23/15	Tue 10/6/15	14
16	3.3 Emotiv status and real time graj	15 days	Wed 9/23/15	Tue 10/13/15	2,5,14
17	3.4 Database design	6 days	Tue 11/3/15	Tue 11/10/15	14,27,20
18	4 Implementation	47 days	Wed 9/30/15	Thu 12/3/15	
19	4.1 Arduino– Control flicker	7 days	Wed 9/30/15	Thu 10/8/15	11
20	4.2 ERP feature extraction	7 days	Wed 10/14/1:	Thu 10/22/15	8,16
21	4.3 Implement visual stimulator	10 days	Fri 10/9/15	Thu 10/22/15	19
22	4.4 Program function	20 days	Fri 10/23/15	Thu 11/19/15	14
23	4.4.1 music	7 days	Fri 10/23/15	Mon 11/2/15	
24	4.4.2 video	7 days	Fri 10/23/15	Mon 11/2/15	
25	4.4.3 control electricity	15 days	Sat 10/31/15	Thu 11/19/15	
26	4.4.4 etc.	15 days	Sat 10/31/15	Thu 11/19/15	
27	4.5 SSVEP feature extraction	7 days	Fri 10/23/15	Mon 11/2/15	5,14,20
28	4.6 Database Implementation	10 days	Fri 11/20/15	Thu 12/3/15	17,27,20,22
29	5 Experiment	20 days	Fri 10/23/15	Thu 11/19/15	20
30	5.1 Experiment	20 days	Fri 10/23/15	Thu 11/19/15	20
31	5.2 Analysis	20 days	Fri 10/23/15	Thu 11/19/15	20
32	6 Testing	10 days	Fri 12/4/15	Thu 12/17/15	29,13,18
33	6.1 Testing program	10 days	Fri 12/4/15	Thu 12/17/15	