Task #	Task Name	Duration	Start	Finish	Requires	Responsible
1	**Phase 1 - Planning and Research**	**7 days**	**Sun 14-08-03**	**Sat 14-08-09**		
2	Create UML class diagram	2 days	Sun 14-08-03	Mon 14-08-04		Kieran
3	Write out initial documentation	2 days	Tue 14-08-05	Wed 14-08-06	2	Ash
4	Analyze input data format	2 days	Sun 14-08-03	Mon 14-08-04		Alex
5	Analyze output data format	2 days	Sun 14-08-03	Mon 14-08-04		Cameron
6	Research Junit	1 day	Sun 14-08-03	Sun 14-08-03		Dean
7	**Research GUI frameworks**	**2 days**	**Sun 14-08-03**	**Mon 14-08-04**		
8	Research Swing	1 day	Sun 14-08-03	Sun 14-08-03		Marcus
9	Research QT	1 day	Mon 14-08-04	Mon 14-08-04	8	Marcus
10	Research JavaFX	1 day	Sun 14-08-03	Sun 14-08-03		Dean
11	Research other GUI possibilities	1 day	Mon 14-08-04	Mon 14-08-04	10	Dean
12	Sketch draft GUI	1 day	Tue 14-08-05	Tue 14-08-05	7	Kieran
13	**Phase 2 - Skeleton Implementation**	**16 days**	**Sun 14-08-10**	**Mon 14-08-25**	**1**	
14	Create folder structure	0.5 days	Sun 14-08-10	Sun 14-08-10		Kieran
15	Create code files	0.5 days	Sun 14-08-10	Sun 14-08-10	14	Kieran
16	Write out function stubs	2 days	Mon 14-08-11	Tue 14-08-12	15	Ashwin
17	Write code to read .csv files	4 days	Wed 14-08-13	Sat 14-08-16	16	Alex
18	Write code to write .vid files	4 days	Wed 14-08-13	Sat 14-08-16	16	Cameron
19	Implement GUI	7 days	Wed 14-08-13	Tue 14-08-19	16	Kieran
20	Attach UI elements to functionality	3 days	Sat 14-08-23	Mon 14-08-25	21	Kieran
21	**Deliverable A**	**3 days**	**Wed 14-08-20**	**Fri 14-08-22**		
22	Write draft 1	1 day	Wed 14-08-20	Wed 14-08-20		ALL
23	Collect client feedback	1 day	Thu 14-08-21	Thu 14-08-21	22	ALL
24	Revise document	1 day	Fri 14-08-22	Fri 14-08-22	23	ALL
25	**Phase 3 - Algorithm Logic**	**14 days**	**Thu 14-09-04**	**Wed 14-09-17**	**13,30**	
26	Write GPS heuristic	14 days	Thu 14-09-04	Wed 14-09-17		Alex, Kieran
27	Write player load heuristic	14 days	Thu 14-09-04	Wed 14-09-17		Cameron, Kieran
28	Write algorithm balancer	7 days	Thu 14-09-04	Wed 14-09-10		Kieran
29	Write code to handle grounds	1 day?	Thu 14-09-04	Thu 14-09-04		Dean, Ashwin, Marcus
30	**Deliverable B**	**3 days**	**Mon 14-09-01**	**Wed 14-09-03**	**22**	
31	Collect client input	1 day	Mon 14-09-01	Mon 14-09-01		ALL
32	Create Project Plan documents	2 days	Tue 14-09-02	Wed 14-09-03	31	Kieran
33	Create Use Case diagram	2 days	Tue 14-09-02	Wed 14-09-03	31	Dean
34	Create Acceptance tests	2 days	Tue 14-09-02	Wed 14-09-03	31	Marcus, Ashwin
35	**Phase 4 - Enhancements**	**7 days**	**Sun 14-09-21**	**Sat 14-09-27**	**25**	
36	Optimise algorithms	7 days	Sun 14-09-21	Sat 14-09-27		Alex, Cameron
37	Refactor Grounds UI	7 days	Sun 14-09-21	Sat 14-09-27		Kieran
38	Other additions	7 days	Sun 14-09-21	Sat 14-09-27		ALL
39	**Deliverable C**	**5 days**	**Sun 14-10-12**	**Thu 14-10-16**	**35**	
40	Prepare code printouts	3 days	Sun 14-10-12	Tue 14-10-14		Alex
41	Write up instruction document	3 days	Sun 14-10-12	Tue 14-10-14		Marcus
42	Clean git log and obtain branch print	3 days	Sun 14-10-12	Tue 14-10-14		Kieran
43	Clean GitHub issues log and obtain print	3 days	Sun 14-10-12	Tue 14-10-14		Cameron
44	Conduct test suite, obtain results	3 days	Sun 14-10-12	Tue 14-10-14		Ashwin
45	Prepare time analysis and discussion	5 days	Sun 14-10-12	Thu 14-10-16		Dean
46	Prepare ethics analysis and dicsussion	5 days	Sun 14-10-12	Thu 14-10-16		Kieran
47	**Deliverable D**	**7 days**	**Sun 14-10-19**	**Sat 14-10-25**	39	
48	Prepare presentation	7 days	Sun 14-10-19	Sat 14-10-25		ALL