

Project Plan

CITS3200 – Group B

Kieran Hannigan
Alex Tonkin
Ashwin D’Cruz
Cameron Johnson
Dean Cook
Marcus Pham

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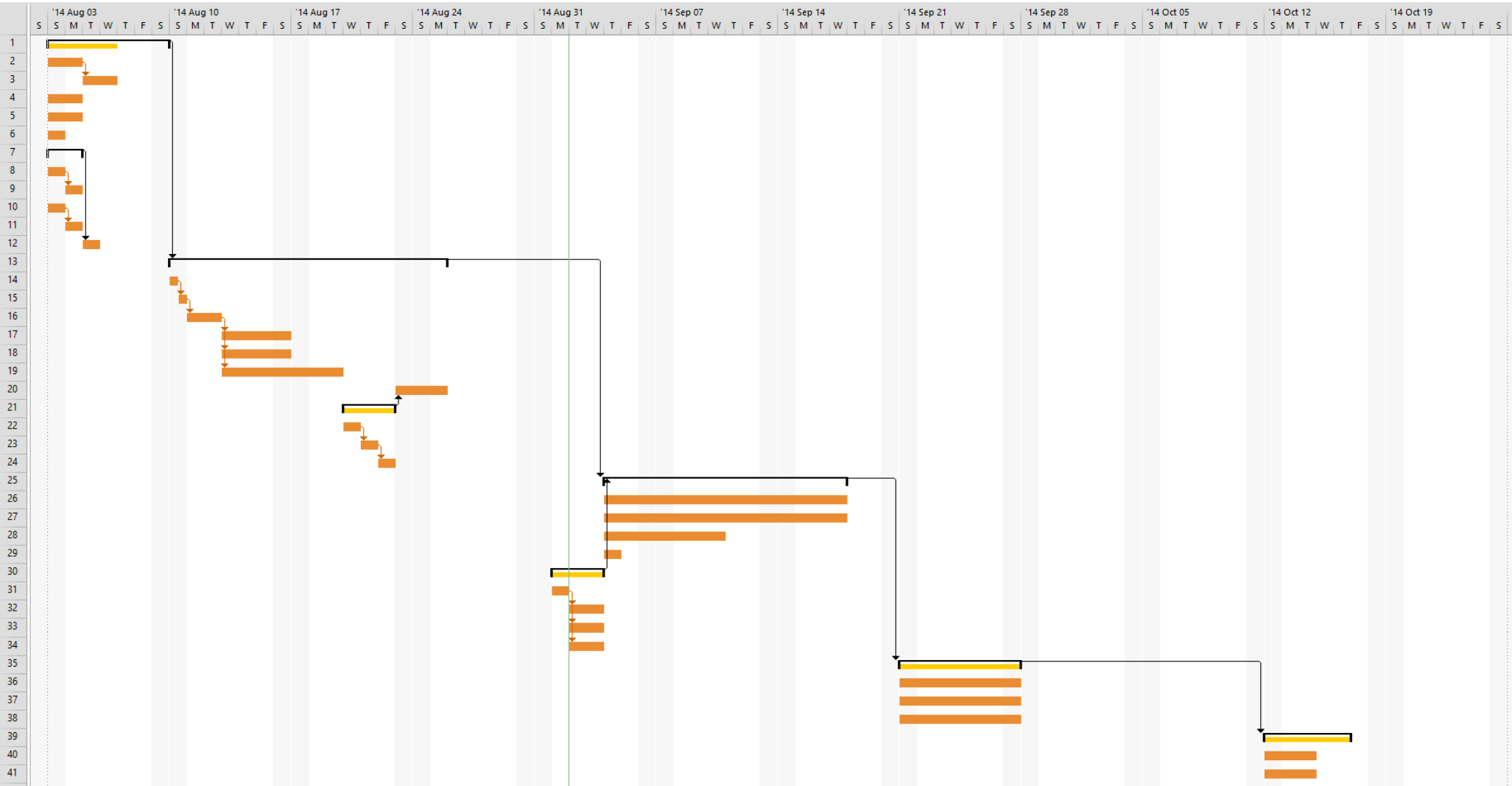
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Task List Timeline

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 discussion	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

Gantt Chart

Numbers correspond to task list.

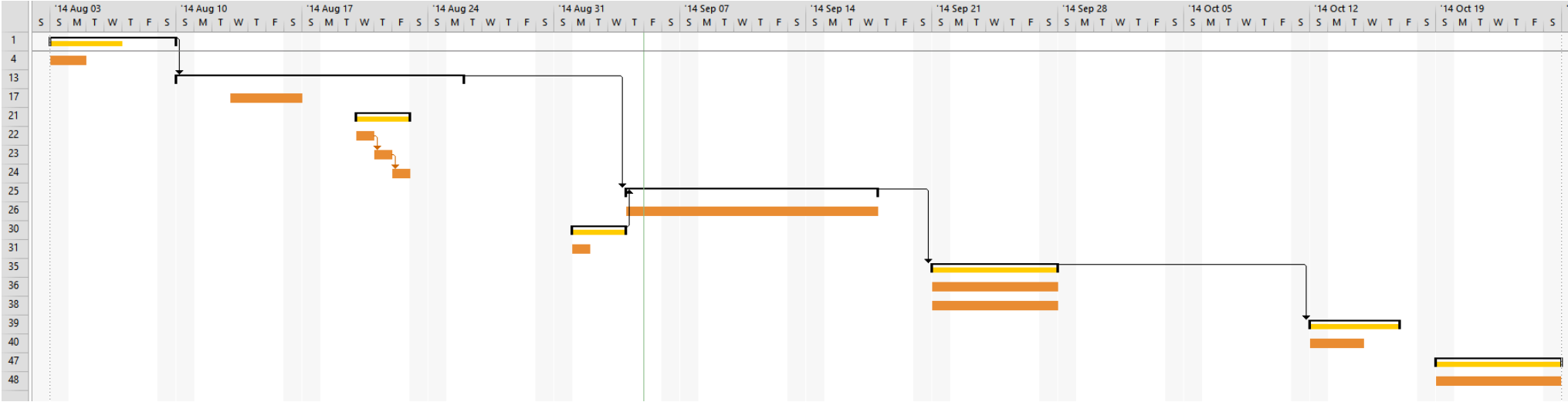


Task Estimates and Time Charts

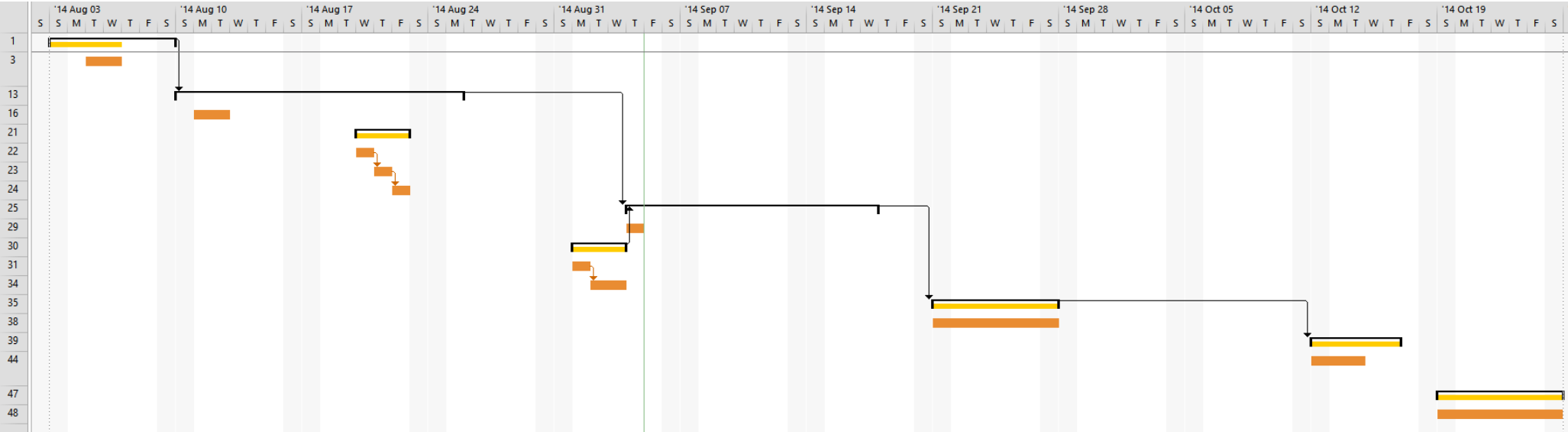
Broken down by member and deliverable.

Alex

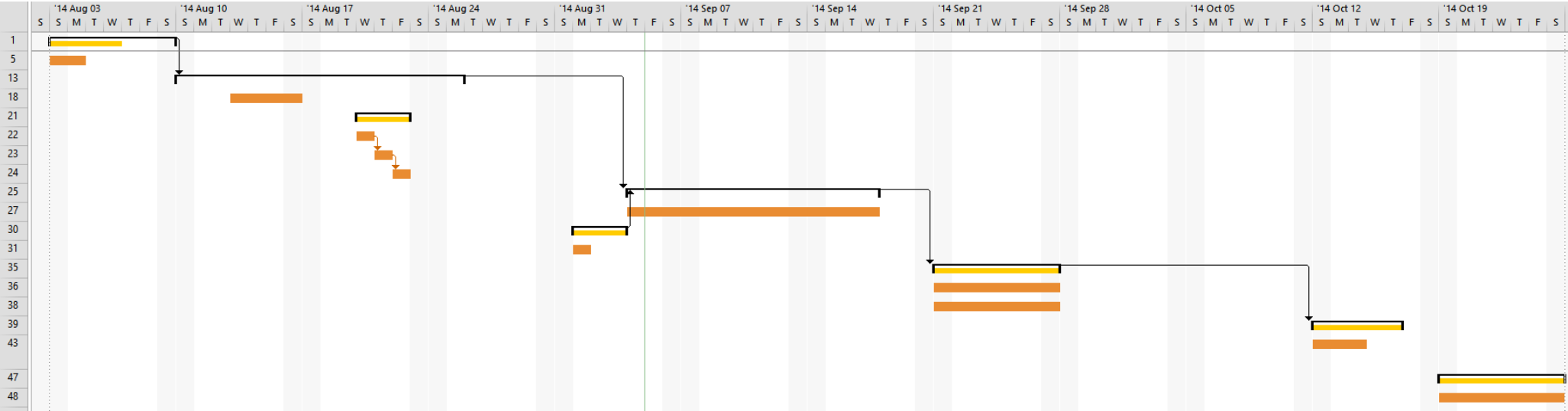
Tasks by Team Member: Alex Tonkin		
Task Name	Duration (hrs)	Responsible
<u>Phase 1 - Planning and Research</u>		
Analyze input data format	4	Alex
<u>Phase 2 - Skeleton Implementation</u>		
Write code to read .csv files	4	Alex
<u>Deliverable A</u>		
Write draft 1	1	ALL
Collect client feedback	2	ALL
Revise document	1	ALL
<u>Phase 3 - Algorithm Logic</u>		
Write GPS heuristic	10	Alex, Kieran
<u>Deliverable B</u>		
Collect client input	2	ALL
<u>Phase 4 - Enhancements</u>		
Optimise algorithms	10	Alex, Cameron
Other additions	5	ALL
<u>Deliverable C</u>		
Prepare code printouts	3	Alex
<u>Deliverable D</u>		
Prepare presentation	3	ALL
<u>Group Meetings</u>	15	ALL
<u>Total:</u>	60	



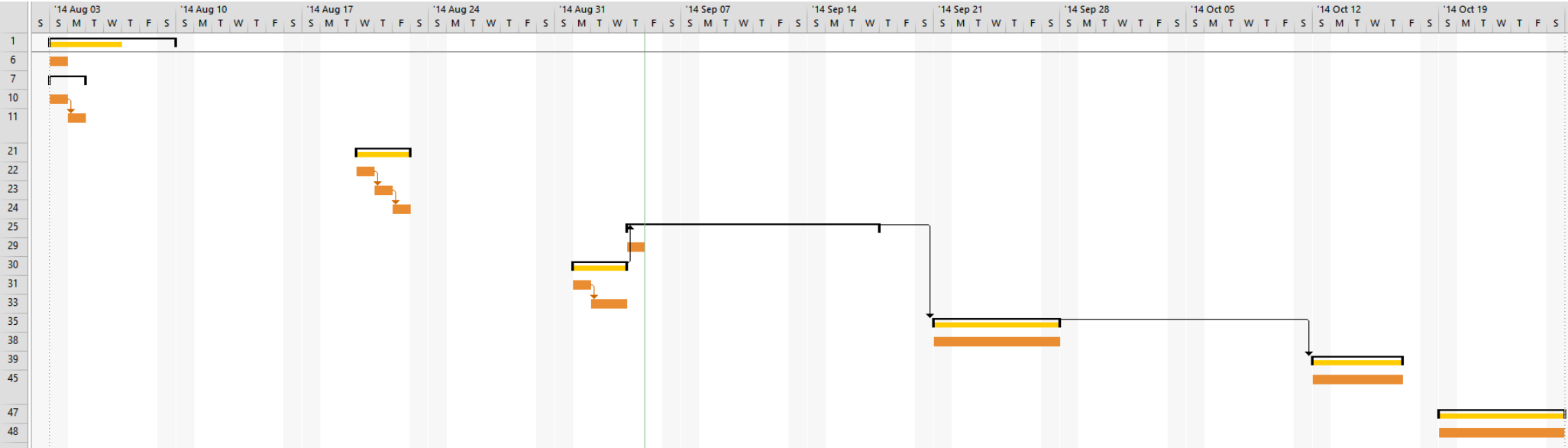
Tasks by Team Member: Ashwin D'Cruz		
Task Name	Duration (hrs)	Responsible
<u>Phase 1 - Planning and Research</u>		
Write out initial documentation	5	Ashwin
<u>Phase 2 - Skeleton Implementation</u>		
Write out function stubs	5	Ashwin
<u>Deliverable A</u>		
Write draft 1	2	ALL
Collect client feedback	2	ALL
Revise document	2	ALL
<u>Phase 3 - Algorithm Logic</u>		
Write code to handle grounds	10	Dean, Ashwin, Marcus
<u>Deliverable B</u>		
Collect client input	2	ALL
Create Acceptance tests	2	Marcus, Ashwin
<u>Phase 4 - Enhancements</u>		
Other additions	5	ALL
<u>Deliverable C</u>		
Conduct test suite, obtain results	5	Ashwin
<u>Deliverable D</u>		
Prepare presentation	5	ALL
<u>Group Meetings</u>	15	ALL
<u>Total:</u>	60	



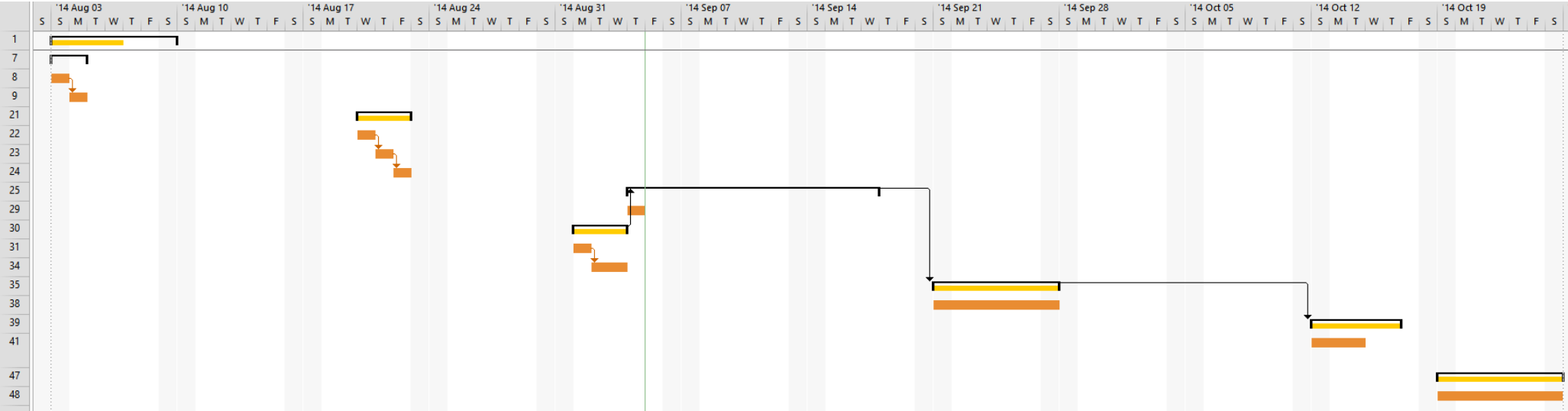
Tasks by Team Member: Cameron Johnson		
Task Name	Duration (hrs)	Responsible
<u>Phase 2 - Skeleton Implementation</u>		
Analyze output data format	4	Cameron
Write code to write .vid files	4	Cameron
<u>Deliverable A</u>		
Write draft 1	1	ALL
Collect client feedback	2	ALL
Revise document	1	ALL
<u>Phase 3 - Algorithm Logic</u>		
Write player load heuristic	10	Cameron, Kieran
<u>Deliverable B</u>		
Collect client input	2	ALL
<u>Phase 4 - Enhancements</u>		
Optimise algorithms	10	Alex, Cameron
Other additions	5	ALL
<u>Deliverable C</u>		
Clean GitHub issues log and obtain print	3	Cameron
<u>Deliverable D</u>		
Prepare presentation	3	ALL
Group Meetings	15	ALL
Total:	60	



Tasks by Team Member: Dean Cook		
Task Name	Duration (hrs)	Responsible
<u>Phase 1 - Planning and Research</u>		
Research Junit	3	Dean
<u>Research GUI frameworks</u>		
Research JavaFX	3	Dean
Research other GUI possibilities	3	Dean
<u>Deliverable A</u>		
Write draft 1	1	ALL
Collect client feedback	2	ALL
Revise document	1	ALL
<u>Phase 3 - Algorithm Logic</u>		
Write code to handle grounds	10	Dean, Ashwin, Marcus
<u>Deliverable B</u>		
Collect client input	2	ALL
Create project model diagrams	15	Dean
<u>Phase 4 - Enhancements</u>		
Other additions	5	ALL
<u>Deliverable C</u>		
Prepare time analysis and discussion	5	Dean
<u>Deliverable D</u>		
Prepare presentation	10	ALL
<u>Total:</u>	60	



Tasks by Team Member: Marcus Pham		
Task Name	Duration (hrs)	Responsible
Phase 1 - Planning and Research		
Research GUI frameworks		
Research Swing	3	Marcus
Research QT	3	Marcus
Deliverable A		
Write draft 1	5	ALL
Collect client feedback	3	ALL
Revise document	5	ALL
Phase 3 - Algorithm Logic		
Write code to handle grounds	5	Dean, Ashwin, Marcus
Deliverable B		
Collect client input	3	ALL
Create Acceptance tests	3	Marcus, Ashwin
Phase 4 - Enhancements		
Other additions	5	ALL
Deliverable C		
Write up instruction document	5	Marcus
Deliverable D		
Prepare presentation	5	ALL
Group Meetings	15	ALL
Total:	60	



Tasks by Team Member: Kieran Hannigan		
Task Name	Duration (hrs)	Responsible
Phase 1 - Planning and Research		
Create UML class diagram	1	Kieran
Sketch draft GUI	1	Kieran
Phase 2 - Skeleton Implementation		
Create folder structure	0.5	Kieran
Create code files	0.5	Kieran
Implement GUI	15	Kieran
Attach UI elements to functionality	3	Kieran
Deliverable A		
Collect client feedback	2	ALL
Revise document	2	ALL
Phase 3 - Algorithm Logic		
Write (help with) GPS heuristic	1	Alex, Kieran
Write (help with) player load heuristic	1	Cameron, Kieran
Write algorithm balancer	5	Kieran
Deliverable B		
Collect client input	2	ALL
Create Project Plan documents	3	Kieran
Phase 4 - Enhancements		
Refactor Grounds UI	3	Kieran
Deliverable C		
Clean git log and obtain branch print	1	Kieran
Prepare ethics analysis and discussion	3	Kieran
Deliverable D		
Prepare presentation	1	ALL
Group Meetings		
Project Management Bookkeeping	15	ALL
Total:		
	70	

