Fail-Safe Cloud Tournament Engine Project Plan

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1 First Semester Goals

1.1 March

- Finish fixing the current Cloud Tournament Engine.
- Deploy to Kubernetes (K8S).
- Add logging to Kubernetes and the code base.

1.2 April

- Set up a basic tournament engine that can run and manage matches.
- Deploy to Kubernetes (K8S).
- Release an alpha to the students for testing purposes.

1.3 May

- Make final changes for the first demo.
- Implement all required features for the new Cloud Tournament Engine.
- Start extensive testing.

1.4 June

- Continue extensive testing.
- Start extensive documentation.

2 Second Semester Goals

2.1 July

- Continue extensive documentation.
- Tidy up code base.
- Improve user experience and the user interface.

2.2 August

- Finish documentation and testing.

- Start writing final report.

2.3 September - November

- Start making poster.

- Start preparing for the demo.

Calendar Plan

I have attached a proposed project plan in calendar format on the next page.

Date	February	March	April	May	June	July	August	September	October	November
1			Meeting							
2								Meeting		Final report due
3	Start of first semester									
4	Postgrad workshop	Meeting								
5				Space Science A2			Third term ends	Recess		
6				Final fixes for demo			Start extensive documentation			
7										
8			Meeting	Do-or-die demo 1				Meeting		
9										
10										
11		Meeting								
12							Meeting			
13		Project backlog due		Meeting						
14							Fourth term starts	Meeting		Final demo
15			Meeting	Second term ends						
16		Space Science A1						Meeting		
17		Fix current CTE				Start of second semester		Start writing report and making poster		
18		Meeting		Algorithms A1						
19						Third term starts	Meeting			
20		First term ends								
21		Recess	Have a basic, working tournament engine with logging			Have a fully working tournament engine that has gone through extensive testing			Meeting	
22			Meeting	Meeting		Meeting				
23								Meeting	Fourth term ends	
24										
25				Algorithms A2						
26				Recess			Meeting			
27										
28									Meeting	
29			Meeting			Meeting				
30		Second term starts	Meeting					Meeting	Meeting	
31		Deployed current CTE to Kubernetes and added logging				Do-or-die demo 2				