



ask Name	Sep 13	Sep 20 Sep 27	Oct 4	Oct 11 Oct 18	Oct 25 Nov 1	Nov 8		
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Project Proposal and Project Plan								
Presentation of Project Proposals								
Review of staff feedback from presentations								
Revised Proposal Finalized								
Project Web Presence								
Initial Feasibility Demonstration								
Background/Theory Section of final paper								
Design Section								
First Implementation and Writeup								
Final Prototype/Experiment/Performance Test + Writeup								
Sections on Implementation and Testing								
Outline of complete report								
Final Complete Draft of Report								
Weighting for project marking decided								
Project Report Final								
Poster								
Website								
Reflection Paper								
Demonstration								
Meet with Tom for AliRoot Tutorial								
Create Probability Density Function								
Create Fitness Function								
Implement Evolutionary Algorithm								
Create PID Generator for Sum of Charges								
Test PID Generator created from Evolutionary Algorithm								
Compare Results Between PID Generator Methods								
Tune evolutionary algorithm								
Compare results between PID Generator Methods								
Test PID Generator with larger PID values								
Generate Training Data								
Construct AdaBoost								
Do testing on AdaBoost to get Performance Figures								
Implement Evolutionary Pruning								
Compare Results of Evolutionary Pruning with the Original AdaBoost.								
Implement Confidence Rated-Predictions								
Test Confidence Rated-Predictions								
Perform Final Testing		Jed Boyle						
Develop Decision Tree Leaner								
Test DT Leaner								
Develop ANN Learner								
Test ANN Learner								
Develop SVM								
Test SVM								
Integrate with Booster								
Tune Algorithm to Maximise Performance								
Integration of the whole system between the three parts				Everyone				

П	ask Name	Nov 8					Nov 15						Nov 22						Nov 29				
1	Project Proposal and Project Plan		П	Т	\top	т		т	т		П	т	П	Т	П	П	П			т		Т	Т
2	Presentation of Project Proposals			\top		\top			\top			\top										\top	
3	Review of staff feedback from presentations		•	>		\top					П	\top			П		\exists					\top	
4	Revised Proposal Finalized					\top					П	\top										\top	
5	Project Web Presence			\top		\top			\top			\top										\top	
6	Initial Feasibility Demonstration			\top		\top			\top			\top										\top	
7	Background/Theory Section of final paper																					\top	
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9	First Implementation and Writeup																					Т	
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11	Sections on Implementation and Testing					Т																Т	Т
12	Outline of complete report																					Т	
13	Final Complete Draft of Report																						T
14	Weighting for project marking decided																						Т
15	Project Report Final																						T
16	Poster					Т			Т			Т		Т								Т	
17	Website																						
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32	Do testing on AdaBoost to get Performance Figures			_				_	1			4										4	
33	Implement Evolutionary Pruning			_				_				4										\perp	
34	Compare Results of Evolutionary Pruning with the Original AdaBoost.			_				_				4										4	
35	Implement Confidence Rated-Predictions			_				_	_			4										4	
36	Test Confidence Rated-Predictions			_		_		_	_			4		-	Ш		_			_		+	_
37	Perform Final Testing			_		_		_	_			4		_			_			_		+	_
38	Develop Decision Tree Leaner			1		1		_	1					1	Ш					1		4	
39	Test DT Leaner			4		1		4	1					1			4			1		4	
40	Develop ANN Learner		\perp	4		1		4	\perp					1	Ш		4			1	1	+	
41	Test ANN Learner		\vdash	4	_	1		\perp	\perp			-		-	Н		-			+	\vdash	+	-
42	Develop SVM		\sqcup	4		1		\perp	\perp					1	Ш					1	\perp	+	
43	Test SVM		\perp	\perp	_	1		_	+					-						-	1	+	
44	Integrate with Booster		\perp	4		1		4	\perp					1	Ш		4			1	1	+	
45	Tune Algorithm to Maximise Performance		\perp	4		1		\perp	\perp					1	Ш	Ш	4			1	\perp	+	
46	Integration of the whole system between the three parts																						