



Task Name	Jul 12							Jul 19							Jul 26							Aug 2							Aug 9							Aug 16							Aug 23							Aug 30							Sep 6																		
	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S												
1	Project Proposal and Project Plan																																																																										
2	Presentation of Project Proposals																																																																										
3	Review of staff feedback from presentations																																																																										
4	Revised Proposal Finalized																																																																										
5	Project Web Presence																																																																										
6	Initial Feasibility Demonstration																																																																										
7	Background/Theory Section of final paper																																																																										
8	Design Section																																																																										
9	First Implementation and Writeup																																																																										
10	Final Prototype/Experiment/Performance Test + Writeup																																																																										
11	Sections on Implementation and Testing																																																																										
12	Outline of complete report																																																																										
13	Final Complete Draft of Report																																																																										
14	Weighting for project marking decided																																																																										
15	Project Report Final																																																																										
16	Poster																																																																										
17	Website																																																																										
18	Reflection Paper																																																																										
19	Demonstration																																																																										
20	Meet with Tom for AllRoot Tutorial																																																																										
21	Create Probability Density Function																																																																										
22	Create Fitness Function																																																																										
23	Implement Evolutionary Algorithm																																																																										
24	Create PID Generator for Sum of Charges																																																																										
25	Test PID Generator created from Evolutionary Algorithm																																																																										
26	Compare Results Between PID Generator Methods																																																																										
27	Tune evolutionary algorithm																																																																										
28	Compare results between PID Generator Methods																																																																										
29	Test PID Generator with larger PID values																																																																										
30	Generate Training Data																																																																										
31	Construct AdaBoost																																																																										
32	Do testing on AdaBoost to get Performance Figures																																																																										
33	Implement Evolutionary Pruning																																																																										
34	Compare Results of Evolutionary Pruning with the Original AdaBoost.																																																																										
35	Implement Confidence Rated-Predictions																																																																										
36	Test Confidence Rated-Predictions																																																																										
37	Perform Final Testing																																																																										
38	Develop Decision Tree Learner																																																																										
39	Test DT Learner																																																																										
40	Develop ANN Learner																																																																										
41	Test ANN Learner																																																																										
42	Develop SVM																																																																										
43	Test SVM																																																																										
44	Integrate with Booster																																																																										
45	Tune Algorithm to Maximise Performance																																																																										
46	Integration of the whole system between the three parts																																																																										



