

Timeline

			Total Time (Days)	Filled Time (Days)
Iteration 0			October 2012 – November 2012	8
Task ID	Task	Description	Estimated Timeframe (Days)	Dependencies
1	PDF Conversion	To enable a wider variety of papers to be processed, a conversion script from PDF to XML must be developed.	1	-
2	Web Framework Evaluation	I need to determine which web framework for python would be the best	1	-
3	Feature Evaluation	I need to determine which features the system will use to classify the papers	2	-
4	Classifier Evaluation	Which classifiers can be used to help the user find suitable papers?	1	-
5	Data Storage Evaluation	I need to determine how the data in the system will be stored? Are conventional RDBMSs suitable for this sort of task?	2	-
			Total Time (Days)	Filled Time (Days)
Iteration 1			November 2012 – December 2012	8
Task ID	Task	Description	Estimated Timeframe	Dependencies
6	Web Interface Design	Interface mockups for all forms in the project should be generated using a graphical mockup tool	3	-
7	Basic web framework module	Use the chosen web framework to generate a base web server that will be used to access partridge's web frontend	1	2
8	Web Page Implementation	For each of the pages designed, create an HTML layout that can be served through the partridge web server	1	6,7
9	Data Storage Engine	The chosen database system needs to be implemented and an interface to the web server generated	1	5
10	Data-interface interaction	Simple query behaviour should be implemented to allow users to search papers by keyword-in-CoreSC using SAPIENTA classified papers	2	7,8,9
			Total Time (Days)	Filled Time (Days)
Iteration 2			December 2012 – January 2013	8
Task ID	Task	Description	Estimated Timeframe	Dependencies
11	Prototype Result classifier	This will mainly be investigative work into sentiment analysis on a paper's result to classify based on outcome: positive,negative etc	5	-
12	Integrate Result classifier	Integrate the prototype result classifier into partridge's backend system	2	11,10
13	Paper Upload Form	Create a form to allow users to upload papers to Partridge. The option to remove copyright infringing papers must be available	1	10
			Total Time (Days)	Filled Time (Days)
Iteration 3			January 2013 – February 2013	8
Task ID	Task	Description	Estimated Timeframe	Dependencies
14	Investigate Subject Classifier	More information is required before a classify-by-subject classifier can be implemented.	2	-
15	Implement Subject Classifier	Once the investigation is completed, build a prototype subject classifier	4	14
16	Integrate Subject Classifier	Integrate the prototype subject classifier into the partridge backend	2	15,10
			Total Time (Days)	Filled Time (Days)
Iteration 4			February 2013 – March 2013	8
Task ID	Task	Description	Estimated Timeframe	Dependencies
17	Investigate Paper Type Classifier	Carry out some investigation work into how a paper type classifier could be built (type being experiment, case study etc)	2	-
18	Implement Paper Type Classifier	Build prototype paper type classifier module	4	17
19	Integrate Paper Type Classifier	Integrate prototype paper type classifier into partridge's backend system.	2	18,10
			Total Time (Days)	Filled Time (Days)
Iteration 5			March 2013 – April 2013	8
Task ID	Task	Description	Estimated Timeframe	Dependencies
20	Acceptance Testing	Acceptance tests and bug fixing for Partridge and it's backend.	6	12,13,16,19
21	Final Report – Draft	Start drafting the final report for the project	2	20
			Total Time (Days)	Filled Time (Days)
Iteration 6			April 2013 – May 2013	8
Task ID	Task	Description	Estimated Timeframe	Dependencies
21	Final Report – Release	Complete the final report for the project for hand in at beginning of May.	8	21