

Iteration	Purpose	Defined	Due	Delivered	Notes
1	Initial with basic infrastructure	019/02/2010	12/03/2010	12/03/2010	
2					

Index	Priority	Task	Planned	Actual	Notes
1		Initial system: Make; Run	1	1	
2		Program Version	1	1	
3		Program arguments: Read and store: Infrastructure	1	1	
4		Program Log: Infrastructure	1	1	
5		Signal Handler	1	1	
6		File I/O: Locate, open/create, read/write, close			Requires args input (i), output (o);
7		Data Structures: Tile, Cluster, Matrix			
8		Matrix Input: Locate, read, store, tidy up; Read M, N, P			
9		Intensities Input: Locate, read, store, tidy up			
10		Processed Intensities: Calculate and store, tidy up			
11		Initial Sequence: By maximum intensity			
12		Sequence output: Create file, write data, close			
13		Initial Lambda: Ignore weights			
14		Expand message severity list to two levels of info			

**Index Note**

**Resolution**

1 Divide by zero does not cause FPE so not tested

Index	Task	Additional Requirements	Completed	Notes
1	Initial system: Make; Run	IDE develop but also build from command line	10/03/2010	Make with gcc. Makefile.
2	Program Version	Version file	08/03/2010	Store version and date.
3	Program arguments: Read and store (infrastructure)	Initial args help, licence, version, usage (default)	08/03/2010	Use getopt_long; Use include file method to do bulk output.
4	Program Log: Infrastructure	Log message from a Type and Severity; allow for parameters of varying type. Output to unique filename (from date/time) in configurable location.	10/03/2010	Requires args logfile (e), loglevel (l); Hide implementation from user.
5	Signal Handler	Initially interrupt and floating point exception	10/03/2010	On interrupt get confirmation first. Divide by zero does not cause FPE so not tested