PERT Chart

1	2	3
	Programming Language/Software Research	
4		6

1	2	3
	Requirements Documentation	
1		3

6	3	9
	Core Code Development	
6		9

9	1	10
	Core Code Unit Testing	
9		10

13	1	14
	Report	
13.5		14.5

0	1	1
	Organise Group	
0		1

1	1	2
	PERT Chart	
2		3

3	1	4
	High Level Design	
3		4

4	2	6
	Low Level Design	
4		6

6	1	7
	XML Development	
8		9

7	1	8
	XML Unit Testing	
9		10

10	2	12
	GUI Development	
10		12

12	1	13
	GUI Unit Testing	
12		13

13	1.5	14.5
	System Level Testing	
13		14.5

14.5	0	14.5
	Final Submission	
14.5		14.5

1	1	2
	Risk Assessment & Management	
2		3

6	2	8
	AI Development	
7		9

8	1	9
	AI Unit Testing	
9		10

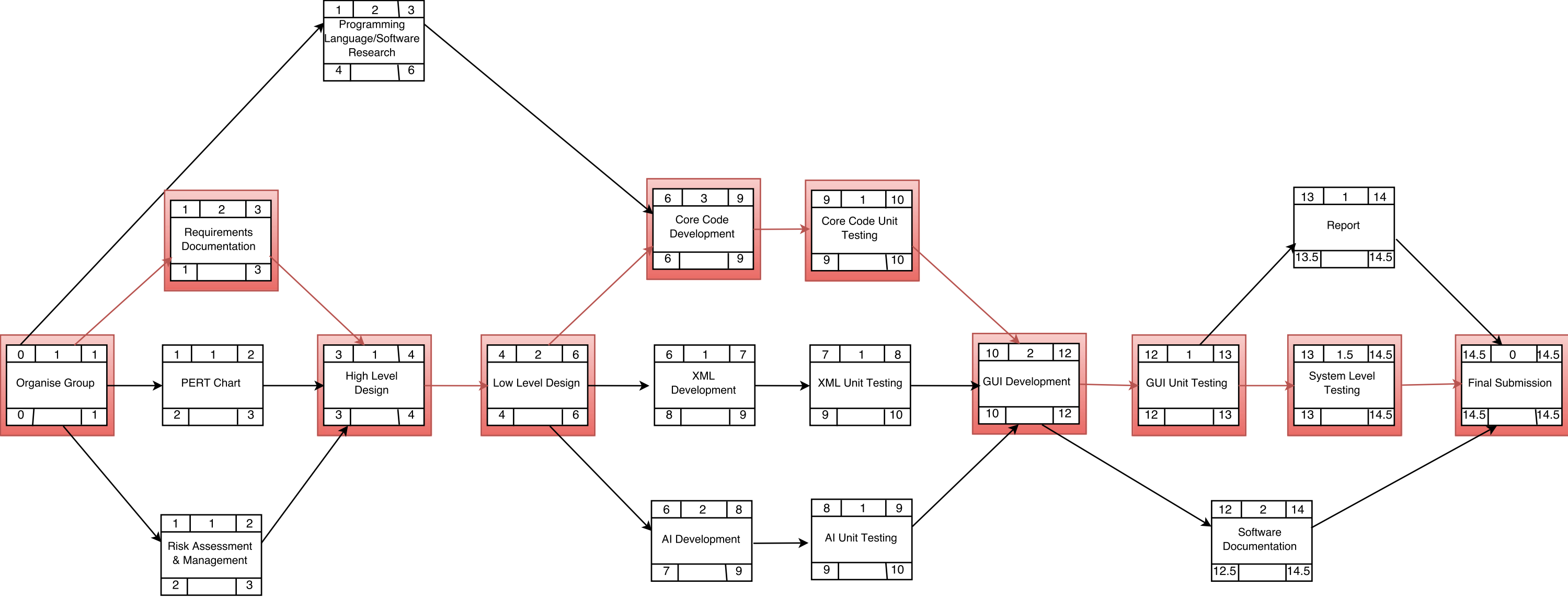| 12	2	14
	Software Documentation	
12.5		14.5

Notes

- Time units are in weeks.
- The critical path is represented by the tasks highlighted in red. It consists of (Organise Group, Requirements Documentation, High Level Design, Low Level Design, Core Code Development, Core Code Unit Testing, GUI Development, GUI Unit Testing, System Level Testing, Final Submission).