

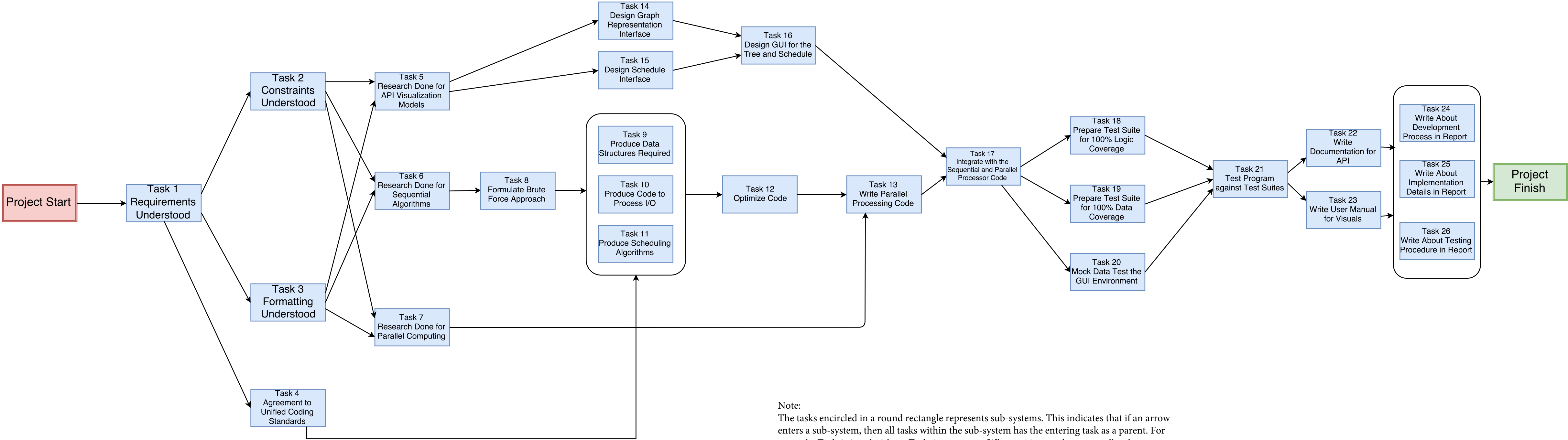
## Notes:

1. 'Graph Interface Designed' refers to the interface associated with displaying the graphs during iterations.

2. 'Schedule Interface Designed' refers to the interface associated with displaying the produced schedules, statistics, and progress during iterations.

3. 'GUI for Tree and Schedule Developed' refers to the overall design of the window incorporating both the graph interface and schedule interface.

4. 'Integrated with the Sequential and Parallel Processor Code' refers to integrating the developed GUI interface with the produced algorithm.



Note:  
The tasks encircled in a round rectangle represents sub-systems. This indicates that if an arrow enters a sub-system, then all tasks within the sub-system has the entering task as a parent. For example, Task 8, 9 and 10 have Task 6 as a parent. When exiting a sub-system, all tasks must be completed before you can proceed to the child. For example, Task 11 has Task 8, 9 and 10 as a parent, and all these dependencies must be completed.

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ID	Task Mode	Task Name	Duration	Start	Finish
1		1. Plan	11 days	Tue 25/07/17	Fri 4/08/17
2	✓	Project Understood	2 days	Tue 25/07/17	Wed 26/07/17
3	✓	Requirements Understood	2 days	Tue 25/07/17	Wed 26/07/17
4	✓	Constraints Understood	2 days	Tue 25/07/17	Wed 26/07/17
5	✓	I/O Formatting Understood	1 day	Wed 26/07/17	Wed 26/07/17
6	✓	Agree to a Unified Coding Standard	1 day	Fri 28/07/17	Fri 28/07/17
7		Research Done	4 days	Fri 28/07/17	Mon 31/07/17
8		Sequential Algorithms	4 days	Fri 28/07/17	Mon 31/07/17
9		API for Visualisation Models	4 days	Fri 28/07/17	Mon 31/07/17
10		Parallel Computing	3 days	Fri 28/07/17	Sun 30/07/17
11		Brute Force Approach Formulated	3 days	Wed 2/08/17	Fri 4/08/17
12		2. Code	12 days	Sat 5/08/17	Wed 16/08/17
13		Code for Program Written	9 days	Sat 5/08/17	Sun 13/08/17
14		Brute Force Psuedocode to Code	6 days	Sat 5/08/17	Thu 10/08/17
15		Produce Data Structures Required	2 days	Sat 5/08/17	Sun 6/08/17
16		Code to Process I/O	1 day	Sat 5/08/17	Sat 5/08/17
17		Scheduling Algorithm	6 days	Sat 5/08/17	Thu 10/08/17
18		Code Optimized	3 days	Fri 11/08/17	Sun 13/08/17
19		Parallel Processor Code Written	3 days	Mon 14/08/17	Wed 16/08/17
20		3. Design	17 days	Wed 2/08/17	Fri 18/08/17
21		Graph Interface Designed	5 days	Wed 2/08/17	Sun 6/08/17
22		Schedule Interface Designed	5 days	Wed 2/08/17	Sun 6/08/17
23		GUI for the Tree and Schedule Developed	7 days	Tue 8/08/17	Mon 14/08/17
24		Integrate GUI with the Sequential and Parallel Processor Code	2 days	Thu 17/08/17	Fri 18/08/17
25		4. Test	4 days	Sat 19/08/17	Tue 22/08/17
26		Prepared Test Suite	2 days	Sat 19/08/17	Sun 20/08/17
27		Write 100% Logic Coverage Test Suite	2 days	Sat 19/08/17	Sun 20/08/17
28		Write 100% Data Coverage Test Suite	2 days	Sat 19/08/17	Sun 20/08/17
29		Finish Testing of Test Suites	2 days	Mon 21/08/17	Tue 22/08/17
30		Created a Testing Environment for GUI	2 days	Mon 21/08/17	Tue 22/08/17
31		Mock Data Testing	2 days	Mon 21/08/17	Tue 22/08/17
32		5. Manage	9 days	Wed 23/08/17	Thu 31/08/17
33		Documentation Written	4 days	Wed 23/08/17	Sat 26/08/17
34		API	3 days	Wed 23/08/17	Fri 25/08/17
35		User Manual for Visuals	4 days	Wed 23/08/17	Sat 26/08/17
36		Report Written	2 days	Wed 30/08/17	Thu 31/08/17
37		Development Process	1 day	Wed 30/08/17	Wed 30/08/17
38		Implementation Details	2 days	Wed 30/08/17	Thu 31/08/17
39		Testing Procedure	1 day	Thu 31/08/17	Thu 31/08/17

**Legend:**

- Critical: Red bar
- Critical Split: Red bar with dots
- Critical Progress: Red bar with blue dots
- Critical Task: Red bar with blue dots
- Task: Blue bar
- Split: Blue bar with dots
- Task Progress: Blue bar with dots
- Manual Task: Blue bar with dots
- Start-only: Blue bar with dots
- Finish-only: Blue bar with dots
- Duration-only: Blue bar with dots
- Baseline: Blue bar with dots
- Baseline Split: Blue bar with dots
- Baseline Milestone: Blue diamond
- Milestone: Blue diamond
- Summary Progress: Blue bar with dots
- Summary: Blue bar with dots
- Manual Summary: Blue bar with dots
- Project Summary: Blue bar with dots
- External Tasks: Blue bar with dots
- External Milestone: Blue diamond
- Inactive Task: Grey bar
- Inactive Milestone: Grey diamond
- Inactive Summary: Grey bar
- Deadline: Green arrow