











ID		Task Mode	Task Name	Duration	Start	Finish	Predecessors
1			Project Chart	46 days	Mon 18/07/02	Mon 18/09/03	
2			Research and Investigation	10 days	Mon 18/07/02	Fri 18/07/13	
3			Internet of Things understanding	2 days	Mon 18/07/02	Tue 18/07/03	
4			Edge and Fog computing understanding	2 days	Wed 18/07/04	Thu 18/07/05	3
5			Filtering Techniques	2 days	Fri 18/07/06	Mon 18/07/09	4
6			Compression Techniques	2 days	Tue 18/07/10	Wed 18/07/11	5
7			Communication protocol understanding	2 days	Thu 18/07/12	Fri 18/07/13	6
8			Preparation	9 days	Mon 18/07/16	Thu 18/07/26	7
9			Acquire edge devices	5 days	Mon 18/07/16	Fri 18/07/20	7
10			Root and install Ubuntu on edge devices	3 days	Mon 18/07/23	Wed 18/07/25	9
11			Acquire data sets	1 day	Thu 18/07/26	Thu 18/07/26	10
12			Execution	21 days	Fri 18/07/27	Fri 18/08/24	11
13			Transfer data sets to edge devices	2 days	Fri 18/07/27	Mon 18/07/30	11
14			Establish communication between edge device and edge device	5 days	Fri 18/07/27	Thu 18/08/02	11
15			Implement compression algorithms	6 days	Fri 18/08/03	Fri 18/08/10	11
16			Huffman Encoding	6 days	Fri 18/08/03	Fri 18/08/10	14
17			Lempel-Ziv	6 days	Fri 18/08/03	Fri 18/08/10	14
18			Implement filtering algorithms	10 days	Mon 18/08/13	Fri 18/08/24	
19			Bloom filter	5 days	Mon 18/08/13	Fri 18/08/17	17
20			RAM	5 days	Mon 18/08/20	Fri 18/08/24	19
21			Query Algorithm Development	14 days	Fri 18/07/27	Wed 18/08/15	11
22			Select	2 days	Fri 18/07/27	Mon 18/07/30	11
23			Inner Join	2 days	Tue 18/07/31	Wed 18/08/01	22
24			Outer Join Left/Right	2 days	Thu 18/08/02	Fri 18/08/03	23
25			Full Outer Join	2 days	Mon 18/08/06	Tue 18/08/07	24
26			Insert	2 days	Wed 18/08/08	Thu 18/08/09	25
27			Update	2 days	Fri 18/08/10	Mon 18/08/13	26
28			Delete	2 days	Tue 18/08/14	Wed 18/08/15	27
29			Timing	4 days	Thu 18/08/16	Tue 18/08/21	
30			Without compression and filtering	2 days	Thu 18/08/16	Fri 18/08/17	28
31			With Compression and filtering	2 days	Mon 18/08/20	Tue 18/08/21	30
32			Finalisation	9 days	Wed 18/08/22	Mon 18/09/03	
33			Results analysis	2 days	Wed 18/08/22	Thu 18/08/23	31
34			Demonstration Preparation	1 day	Fri 18/08/24	Fri 18/08/24	33
35			Poster	2 days	Mon 18/08/27	Tue 18/08/28	34
36			Report writing	4 days	Wed 18/08/29	Mon 18/09/03	35