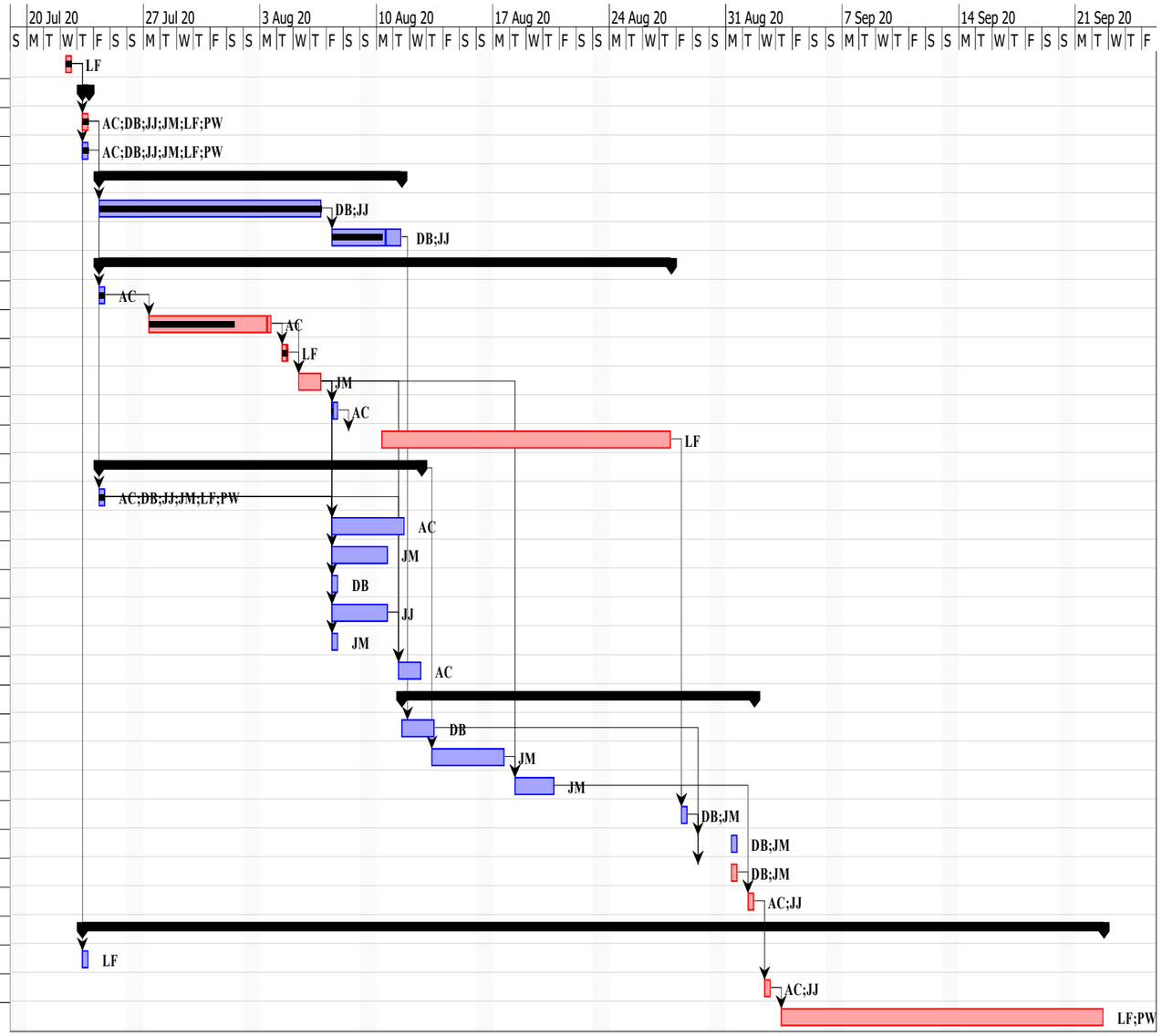		Name	Duration	Start	Finish	Predecessors	Resource Names
1	✓	Project Concept	1 day	22/07/20 08:00	22/07/20 17:00		LF
2	✓	**Design Specification (Including look and feel)**	**1 day**	**23/07/20 08:00**	**23/07/20 17:00**		
3	✓	System operation	1 day	23/07/20 08:00	23/07/20 17:00	1	AC;DB;JJ;JM;LF;PW
4	✓	Hardware look and feel	1 day	23/07/20 08:00	23/07/20 17:00	1	AC;DB;JJ;JM;LF;PW
5		**Enclosure Design**	**15.5 days**	**24/07/20 08:00**	**11/08/20 13:00**		
6	✓	Draft Enclosure Design	14 days	24/07/20 08:00	06/08/20 17:00	4	DB;JJ
7		Final Enclosure Design	4.5 days	07/08/20 08:00	11/08/20 13:00	6	DB;JJ
8		**Circuit Design**	**30 days**	**24/07/20 08:00**	**27/08/20 17:00**		
9	✓	Draft Schematic Design	1 day	24/07/20 08:00	24/07/20 17:00	3	AC
10		Final Schematics Design	6 days	27/07/20 08:00	03/08/20 17:00	9	AC
11		Get Components	1 day	04/08/20 08:00	04/08/20 17:00	10	LF
12		Breadboard Test -Verify Components	2 days	05/08/20 08:00	06/08/20 17:00	10;11	JM
13		PCB Design	1 day	07/08/20 08:00	07/08/20 17:00	12	AC
14		PCB Order	14 days	08/08/20 08:00	27/08/20 17:00	13	LF
15		**Software Design**	**17 days**	**24/07/20 08:00**	**12/08/20 17:00**		
16	✓	High Level Software Design	1 day	24/07/20 08:00	24/07/20 17:00	3	AC;DB;JJ;JM;LF;PW
17		Get Distance Measurement	3 days	07/08/20 08:00	11/08/20 17:00	12;16	AC
18		Get Ambient and Object Temperature	2 days	07/08/20 08:00	10/08/20 17:00	12;16	JM
19		Get and Display Date and Time	1 day	07/08/20 08:00	07/08/20 17:00	12;16	DB
20		Save Date & Time, Temperature (Ambient Temp, Distance) to EEPROM	2 days	07/08/20 08:00	10/08/20 17:00	12;16	JJ
21		Sound Alarm and Display Status as needed	1 day	07/08/20 08:00	07/08/20 17:00	12;16	JM
22		Mode button (Normal Mode, or Display EEPROM Data on LCD)	2 days	11/08/20 08:00	12/08/20 17:00	12;16;20	AC
23		**System Implementation and Testing**	**18.5 days**	**11/08/20 13:00**	**01/09/20 17:00**		
24		Print Enclosure	2 days	11/08/20 13:00	13/08/20 13:00	7	DB
25		Write and Debug Complete Code	3 days	13/08/20 08:00	17/08/20 17:00	15	JM
26		Complete solution on breadboard	3 days	18/08/20 08:00	20/08/20 17:00	12;25	JM
27		Solder Component on PCB	1 day	28/08/20 08:00	28/08/20 17:00	14;26	DB;JM
28		Test PCB implementation	3 days	29/08/20 08:00	31/08/20 17:00	27	DB;JM
29		Add PCB and other devices to Enclosure	3 days	29/08/20 08:00	31/08/20 17:00	24;27	DB;JM
30		Aceptance Test Procedure	1 day	01/09/20 08:00	01/09/20 17:00	26;29	AC;JJ
31		**Documentation**	**53 days**	**23/07/20 08:00**	**22/09/20 17:00**		
32		Gantt Chart	1 day	23/07/20 08:00	23/07/20 17:00	1	LF
33		Test Results (Distance vs Ambient and Object Temperature)	1 day	02/09/20 08:00	02/09/20 17:00	30	AC;JJ
34		Technical Paper	20 days	03/09/20 08:00	22/09/20 17:00	33	LF;PW