Music malware visualization app

ID	Task name	Predecessor	Time Estimates			Actual Duration	Start Date	Start date (numbers)	Complete percentage
			Optimal	Normal	Pessimistic				
1	Define the theme, visualizations and purpose of the app	None	2	3	5	3	30/11/2020	0	100%
2	Fix the provided code base	None	1	2	3	2	03/12/2020	3	90%
3	Define which malware to use	None	1	2	3	2	06/12/2020	6	50%
4	Create a hash of the malware file	3	2	3	5	3	06/01/2021	35	100%
5	Understand the malware	3	16	4	6	4	11/01/2021	42	15%
6	Create a midi file from the non-malware music	3, 5	6	10	14	10	25/01/2021	56	20%
7	Investigate how to load the midi music	3	3	5	7	5	03/02/2021	65	15%
8	Load the midi music	7, 3, 2005	3	4	5	4	08/02/2021	70	30%
9	Add new music controllers: pause	None	2	3	4	3	11/02/2021	73	1%
10	Define the text for the website	None	2	3	4	3	15/02/2021	75	50%
11	Add the text to the website	10	2	3	4	3	17/02/2021	77	0%
12	Define style: fonts, color palette, sizes of visualizations	None	4	5	7	5	11/02/2021	73	50%
13	Add the ridge plot visualization	2	4	5	7	5	27/12/2020	27	100%
14	Use constructor for the ridge plot visualization	2, 13	2	3	4	3	27/12/2020	27	100%
15	Add the noise visualization	2	4	5	7	5	28/12/2020	28	100%
16	Use constructor for the ridge plot visualization	2, 13	2	3	4	3	02/01/2021	33	100%
17	Add the hash visualization	4	4	6	9	6	01/02/2021	63	0%
18	Add the binary visualization	5	5	7	12	8	05/02/2021	68	0%
19	Prepare for final submission: final testing and checks	All	4	5	6	5	01/03/2021	88	0%

Data for chart

ID	Start date in numbers	Actual Duration
1	0	3
2	3	2
3	6	2
4	35	3
5	42	4
6	56	10
7	65	5
8	70	4
9	73	3
10	75	3
11	77	3
12	73	5
13	27	5
14	27	3
15	28	5
16	33	3
17	63	6
18	68	8
19	88	5

Gantt chart