

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1		Task 1: Develop Model	49 days	Wed 11/29/23	Fri 1/26/24		
2		Complete a literature search	3 days	Wed 11/29/23	Fri 12/01/23		
3		Define search parameters	1 day	Wed 11/29/23	Wed 11/29/23		JP878
4		Search academic databases	1 day	Thu 11/30/23	Thu 11/30/23	3	JP878
5		Collect relevant articles	1 day	Fri 12/01/23	Fri 12/01/23	4	JP878
6		Complete a literature review	3 days	Thu 11/30/23	Mon 12/04/23	2	
7		Summarize findings	1 day	Thu 11/30/23	Thu 11/30/23		JP878
8		Analyze collected literature	1 day	Fri 12/01/23	Fri 12/01/23	7	JP878
9		Identify research gaps	1 day	Mon 12/04/23	Mon 12/04/23	8	JP878
10		Identify and collect suitable data	3 days	Tue 12/05/23	Thu 12/07/23	6	
11		Define data requirements	1 day	Tue 12/05/23	Tue 12/05/23		JP878
12		Source or create datasets	1 day	Wed 12/06/23	Wed 12/06/23	11	JP878
13		Preprocess data	1 day	Thu 12/07/23	Thu 12/07/23	12	JP878
14		Develop a suitable ASL Fingerspelling model	28 days	Fri 12/08/23	Tue 1/16/24	10	
15		Design model architecture	7 days	Fri 12/08/23	Mon 12/18/23		JP878
16		Write and debug code	14 days	Tue 12/19/23	Fri 1/05/24	15	JP878
17		Initial model testing	7 days	Mon 1/08/24	Tue 1/16/24	16	JP878
18		Evaluate the model	8 days	Wed 1/17/24	Fri 1/26/24	14	
19		Develop evaluation criteria	2 days	Wed 1/17/24	Thu 1/18/24		JP878
20		Quantitative and qualitative analysis	2 days	Fri 1/19/24	Mon 1/22/24	19	JP878
21		Adjust model based on feedback	4 days	Tue 1/23/24	Fri 1/26/24	20	JP878
22		Task 1 Complete	0 days	Fri 3/01/24	Fri 3/01/24		JP878
23		Task 2: Build Application	30 days	Mon 3/04/24	Fri 4/12/24	22	
24		Scope Definition	2 days	Mon 3/04/24	Tue 3/05/24		
25		Write Project Charter	1 day	Mon 3/04/24	Mon 3/04/24		JP878
26		Create Project Plan	1 day	Tue 3/05/24	Tue 3/05/24	25	JP878
27		Define MVP Features	1 day	Tue 3/05/24	Tue 3/05/24		JP878
28		Requirements Gathering	5 days	Mon 3/11/24	Fri 3/15/24	24	
29		Conduct Qualitative Research	2 days	Mon 3/11/24	Tue 3/12/24		JP878
30		Host Focus Group	5 days	Mon 3/11/24	Fri 3/15/24		JP878
31		Research Mobile/Existing Kiosks	3 days	Mon 3/11/24	Wed 3/13/24		JP878
32		Technical Feasibility Study	2 days	Thu 3/14/24	Fri 3/15/24		
33		Assess Hardware	2 days	Thu 3/14/24	Fri 3/15/24		JP878
34		Analyze Integration Points	1 day	Thu 3/14/24	Thu 3/14/24	33SS	JP878
35		User Experience Design	4 days	Mon 3/18/24	Thu 3/21/24		
36		Sketch Wireframes	1 day	Mon 3/18/24	Mon 3/18/24		JP878
37		Conduct Usability Testing	3 days	Tue 3/19/24	Thu 3/21/24	36	JP878
38		Development Environment Setup	4 days	Mon 3/11/24	Thu 3/14/24		
39		Select Languages/Frameworks	2 days	Mon 3/11/24	Tue 3/12/24		JP878
40		Configure Environments	2 days	Wed 3/13/24	Thu 3/14/24	41,39SS	JP878
41		Establish Tools	2 days	Mon 3/11/24	Tue 3/12/24		JP878
42		Prototype Development	20 days	Fri 3/15/24	Thu 4/11/24	38	
43		Implement Core Functions	6 days	Fri 3/15/24	Fri 3/22/24		JP878
44		Develop Front-end	6 days	Fri 3/22/24	Fri 3/29/24	35	JP878
45		Integrate ASL Module	14 days	Mon 3/25/24	Thu 4/11/24	43	JP878
46		Testing	19 days	Mon 3/18/24	Thu 4/11/24	42SS	
47		Develop Test Cases	3 days	Mon 3/18/24	Wed 3/20/24		JP878
48		Perform Testing	3 days	Thu 3/21/24	Mon 3/25/24	47	JP878
49		Fix Bugs	19 days	Mon 3/18/24	Thu 4/11/24		JP878
50		Iterative Feedback and Improvement	13 days	Tue 3/26/24	Thu 4/11/24		
51		Refine Features	5 days	Tue 3/26/24	Mon 4/01/24		JP878
52		Gather User Feedback	2 days	Tue 3/26/24	Wed 3/27/24	51SS	JP878
53		Update Project Plan	13 days	Tue 3/26/24	Thu 4/11/24	51SS	JP878
54		Documentation	21 days	Fri 3/15/24	Fri 4/12/24		
55		Write Manual	21 days	Fri 3/15/24	Fri 4/12/24		JP878
56		Document Code	21 days	Fri 3/15/24	Fri 4/12/24	55SS	JP878
57		Task 2 Complete	0 days	Fri 4/12/24	Fri 4/12/24		JP878
58		Complete Presentation Poster	5 days	Fri 1/12/24	Thu 1/18/24	23	
59		Define key messages and objectives	1 day	Fri 1/12/24	Fri 1/12/24		JP878
60		Design layout and select template	1 day	Mon 1/15/24	Mon 1/15/24	59	JP878
61		Create graphics and write content	1 day	Tue 1/16/24	Tue 1/16/24	60	JP878
62		Arrange content and print poster	1 day	Wed 1/17/24	Wed 1/17/24	61	JP878
63		Prepare accompanying presentation	1 day	Thu 1/18/24	Thu 1/18/24	62	JP878
64		Complete Final Report	137 day	Fri 11/03/23	Mon 5/13/24		
65		Gather all data and findings	26 days	Fri 11/03/23	Fri 12/08/23		JP878
66		Outline report structure	26 days	Fri 11/03/23	Fri 12/08/23	65SS	JP878
67		Write, review, and revise report sections	113 day	Fri 11/03/23	Tue 4/09/24	65SS	JP878
68		Compile references and appendices	22 days	Fri 11/03/23	Mon 12/04/23	65SS	JP878
69		Finalize and proofread report	24 days	Wed 4/10/24	Mon 5/13/24	67	JP878

