

msproj11										
ID	Task Mode	WBS	Task Name	Duration	Work	Start	Finish	Predecessors	Resource Names	Cost
1	1	1.1	Group D- Netflix Watch Party with Integrated Video Chat	293 days	4,107.47 hrs	Fri 10/18/24	Wed 12/3/25			\$303,080.67
2		1.1.1	Project Management	79.33 days	528.8 hrs	Fri 10/18/24	Thu 2/6/25			\$35,034.00
3		1.1.1.1	Project Charter	5 days	40 hrs	Fri 10/18/24	Fri 10/25/24			\$5,174.00
4		1.1.1.2	Create Project Charter	5 days	40 hrs	Fri 10/18/24	Fri 10/25/24		Project Manager[50%],MS Project[1],Jira[8],Assistant Project Manager[50%]	\$5,174.00
5		1.1.2	Stakeholder Register	8 days	32 hrs	Fri 10/25/24	Wed 11/6/24			\$1,920.00
6		1.1.2.1	Identify Project Stakeholders	8 days	32 hrs	Fri 10/25/24	Wed 11/6/24	4	Business Analyst[50%]	\$1,920.00
7		1.1.2.2	Completion of Stakeholder Register	0 days	0 hrs	Wed 11/6/24	6			\$0.00
8		1.1.3	Project Team	16 days	44.8 hrs	Wed 11/6/24	Thu 11/28/24			\$1,920.00
9		1.1.3.1	Form Project Team	16 days	44.8 hrs	Wed 11/6/24	Thu 11/28/24	6	HR Specialist,Project Manager[10%]	\$1,920.00
10		1.1.4	Requirements Analysis	29 days	192 hrs	Thu 12/19/24	Wed 1/29/25			\$11,960.00
11		1.1.4.1	Functional Requirements Document	26 days	104 hrs	Thu 12/19/24	Fri 1/24/25			\$6,240.00
12		1.1.4.1.1	Gather Functional Requirements	16 days	64 hrs	Thu 12/19/24	Fri 1/10/25	22,9F5-2 days	Business Analyst[50%]	\$3,840.00
13		1.1.4.1.2	Document Functional Requirements	10 days	40 hrs	Fri 1/10/25	Fri 1/24/25	12	Business Analyst[50%]	\$2,400.00
14		1.1.4.2	Non-Functional Requirements Document	13 days	88 hrs	Fri 1/10/25	Wed 1/29/25			\$5,720.00
15		1.1.4.2.1	Gather Non-Functional Requirements	6 days	48 hrs	Fri 1/10/25	Mon 1/20/25	12	System Analyst	\$3,120.00
16		1.1.4.2.2	Document Non-Functional Requirements	5 days	40 hrs	Wed 1/29/25	Wed 1/29/25	15F5+2 days	System Analyst	\$2,600.00
17		1.1.4.3	Use Case Diagrams	6 days	48 hrs	Wed 1/29/25	Thu 2/6/25			\$2,880.00
18		1.1.4.3.1	Create Use Case Diagrams	6 days	48 hrs	Wed 1/29/25	Thu 2/6/25	13F5-3 days,16	Business Analyst	\$2,880.00
19		1.1.4.3.2	Completion of Requirements Analysis	0 days	0 hrs	Thu 2/6/25	Thu 2/6/25	18		\$0.00
20		1.1.5	Project Plan	31.33 days	172 hrs	Thu 11/28/24	Fri 1/10/25			\$11,180.00
21		1.1.5.1	Create Project Management Plan	8.33 days	20 hrs	Thu 11/28/24	Tue 12/10/24	9	Project Manager[15%],Assistant Project Manager[31%]	\$1,300.00
22		1.1.5.2	Complete Scope Statement	7 days	40 hrs	Tue 12/10/24	Thu 12/19/24	21	Project Manager[71%]	\$3,000.00
23		1.1.5.3	Create Risk Management Plan	8 days	48 hrs	Thu 12/19/24	Tue 12/31/24	22	Business Analyst[50%],Assistant Project Manager[50%]	\$2,720.00
24		1.1.5.4	Create Communication Plan	8 days	64 hrs	Tue 12/31/24	Fri 1/10/25	23	Product Manager[50%],Assistant Project Manager	\$4,160.00
25		1.1.5.5	Completion of the Project Planning Phase	0 days	0 hrs	Fri 1/10/25		21,22,23,24		\$0.00
26		1.2	User Interface	21.33 days	170.67 hrs	Thu 2/6/25	Mon 3/10/25			\$10,366.67
27		1.2.1	Wireframe	8 days	64 hrs	Thu 2/6/25	Tue 2/18/25			\$3,700.00
28		1.2.1.1	Design Wireframes	8 days	64 hrs	Thu 2/6/25	Tue 2/18/25	18	UI Designer,Figma[1]	\$3,700.00
29		1.2.2	Prototype	13.33 days	106.67 hrs	Tue 2/18/25	Mon 3/10/25			\$6,666.67
30		1.2.2.1	Develop UI Prototype	13.33 days	106.67 hrs	Tue 2/18/25	Mon 3/10/25	28	UI Designer,Frontend Developer-K[50%]	\$6,666.67
31		1.2.3	User Interface Specifications	5 days	40 hrs	Mon 3/10/25	Mon 3/17/25			\$2,200.00
32		1.2.3.1	Document UI Specifications	5 days	40 hrs	Mon 3/10/25	Mon 3/17/25	30	UI Designer	\$2,200.00
33		1.3	Backend	62 days	496 hrs	Mon 3/17/25	Wed 6/11/25			\$34,600.00
34		1.3.1	Synchronized Playback Module	13 days	104 hrs	Mon 3/17/25	Thu 4/3/25			\$7,320.00
35		1.3.1.1	Code Playback Synchronization Logic	8 days	64 hrs	Mon 3/17/25	Thu 3/27/25	32	Backend Developer-B,PyCharm[1]	\$5,320.00
36		1.3.1.2	Test Playback Synchronization Module	5 days	40 hrs	Thu 3/27/25	Thu 4/3/25	35	QA Tester-Q	\$2,000.00
37		1.3.2	Video Chat Integration Module	13 days	104 hrs	Thu 4/3/25	Tue 4/22/25			\$7,120.00
38		1.3.2.1	Integrate Video Streaming APIs	8 days	64 hrs	Thu 4/3/25	Tue 4/15/25	36	Backend Developer-B	\$5,120.00
39		1.3.2.2	Test Video Chat Functionality	5 days	40 hrs	Tue 4/15/25	Tue 4/22/25	38	QA Tester-Q	\$2,000.00
40		1.3.3	Group Chat Module	12 days	96 hrs	Tue 4/22/25	Thu 5/8/25			\$6,720.00
41		1.3.3.1	Develop Group Chat Backend	8 days	64 hrs	Tue 4/22/25	Fri 5/2/25	39	Backend Developer-B	\$5,120.00
42		1.3.3.2	Test Group Chat Module	4 days	32 hrs	Fri 5/2/25	Thu 5/8/25	41	QA Tester-Q	\$1,600.00
43		1.3.4	Invitation System Module	12 days	96 hrs	Thu 5/8/25	Mon 5/26/25			\$6,720.00
44		1.3.4.1	Implement Invitation System Backend	8 days	64 hrs	Thu 5/8/25	Tue 5/20/25	42	Backend Developer-B	\$5,120.00
45		1.3.4.1	Test Invitation System	4 days	32 hrs	Tue 5/20/25	Mon 5/26/25	44	QA Tester-Q	\$1,600.00
46		1.3.5	User Management Module	12 days	96 hrs	Mon 5/26/25	Wed 6/11/25			\$6,720.00
47		1.3.5.1	Develop User Management Functions	8 days	64 hrs	Mon 5/26/25	Thu 6/5/25	45	Backend Developer-S	\$5,120.00
48		1.3.5.2	Test User Management Module	4 days	32 hrs	Thu 6/5/25	Wed 6/11/25	47	QA Tester-Q	\$1,600.00
49		1.4	Frontend	54 days	496 hrs	Mon 3/10/25	Fri 5/23/25			\$33,760.00
50		1.4.1	User Interface	34 days	272 hrs	Mon 3/10/25	Fri 4/25/25			\$19,040.00
51		1.4.1.1	Code Watch Party Interface	7 days	56 hrs	Mon 3/10/25	Wed 3/19/25	30	Frontend Developer-F	\$3,920.00
52		1.4.1.2	Code Video Chat Interface	10 days	80 hrs	Wed 3/19/25	Wed 4/2/25	51	Frontend Developer-K	\$5,600.00
53		1.4.1.3	Code Group Chat Interface	8 days	64 hrs	Wed 4/2/25	Mon 4/14/25	52	Frontend Developer-F	\$4,480.00
54		1.4.1.4	Code Invitation Interface	3 days	24 hrs	Mon 4/14/25	Thu 4/17/25	53	Frontend Developer-K	\$1,680.00
55		1.4.1.5	Code User Management Interface	6 days	48 hrs	Thu 4/17/25	Fri 4/25/25	54	Frontend Developer-F	\$3,360.00
56		1.4.2	Frontend Integration	8 days	128 hrs	Fri 4/25/25	Wed 5/7/25			\$8,000.00
57		1.4.2.1	Integrate Frontend Components	8 days	128 hrs	Fri 4/25/25	Wed 5/7/25	51,52,53,54,55	Frontend Developer-F,UI Designer	\$8,000.00
58		1.4.3	Responsive Design Implementation	12 days	96 hrs	Wed 5/7/25	Fri 5/23/25			\$6,720.00
59		1.4.3.1	Implement Responsive Design	12 days	96 hrs	Wed 5/7/25	Fri 5/23/25	57	Frontend Developer-F	\$6,720.00
60		1.4.3.2	Completion of Development Phase	0 days	0 hrs	Fri 5/23/25	Fri 5/23/25	59		\$0.00
61		1.5	System Integration	24 days	272 hrs	Fri 5/23/25	Thu 6/26/25			\$20,480.00
62		1.5.1	Integrate Backend and Frontend	10 days	160 hrs	Fri 5/23/25	Fri 6/6/25	59	Backend Developer-B,Frontend Developer-F	\$12,000.00
63		1.5.2	Integrate Database Systems	6 days	48 hrs	Fri 6/6/25	Mon 6/16/25	62	Database Administrator	\$3,360.00

Project Overview: Software Development Cycle										
ID	Task Mode	WBS	Task Name	Duration	Work	Start	Finish	Predecessors	Resource Names	Cost
64	1.5.3		Integrate Third-Party Services	8 days	64 hrs	Mon 6/16/25	Thu 6/26/25	63	Backend Developer-B	\$5,120.00
65	1.6		Testing Unit	60 days	688 hrs	Fri 6/6/25	Fri 8/29/25			\$45,180.00
66	1.6.1		Perform Backend Unit Tests	16 days	128 hrs	Fri 6/6/25	Mon 6/30/25			\$6,400.00
67	1.6.1.1		Perform Frontend Unit Tests	8 days	64 hrs	Fri 6/6/25	Wed 6/18/25	62	QA Tester-L	\$3,200.00
68	1.6.1.2		Integration	8 days	64 hrs	Wed 6/18/25	Mon 6/30/25	67	QA Tester-L	\$3,200.00
69	1.6.2		Conduct Module Integration Tests	20 days	160 hrs	Mon 6/30/25	Mon 7/28/25			\$8,000.00
70	1.6.2.1		Conduct System Integration Tests	10 days	80 hrs	Mon 6/30/25	Mon 7/14/25	67,68	QA Tester-Q	\$4,000.00
71	1.6.2.2		System	10 days	80 hrs	Mon 7/14/25	Mon 7/28/25	70	QA Tester-L	\$4,000.00
72	1.6.3		Perform Performance Testing	8 days	64 hrs	Mon 7/28/25	Thu 8/7/25			\$11,040.00
73	1.6.3.1		Conduct Security Testing	8 days	64 hrs	Mon 7/28/25	Thu 8/7/25	71	QA Tester-Q	\$3,200.00
74	1.6.3.2		Perform Usability Testing	6 days	48 hrs	Mon 7/28/25	Tue 8/5/25	71	Security Analyst	\$5,440.00
75	1.6.3.3		User Acceptance	18 days	224 hrs	Tue 8/5/25	Fri 8/29/25			\$2,400.00
76	1.6.4		Organize Beta User Testing	10 days	160 hrs	Tue 8/5/25	Tue 8/19/25	75	QA Tester-L	\$19,740.00
77	1.6.4.1		Analyze User Feedback	8 days	64 hrs	Tue 8/19/25	Fri 8/29/25	77	Marketing Specialist,QA Tester-L,Giftcards[\$7,500.00]	\$15,900.00
78	1.6.4.2		Completion of Testing Phase	0 days	0 hrs	Fri 8/29/25	Fri 8/29/25	78	Business Analyst	\$3,840.00
79	1.6.4.3									\$0.00
80	1.7		Deployment	51 days	424 hrs	Fri 8/29/25	Mon 11/10/25			\$39,700.00
81	1.7.1		Deployment Scripts	10 days	80 hrs	Fri 8/29/25	Fri 9/12/25			\$7,200.00
82	1.7.1.1		Create Build Automation Scripts	5 days	40 hrs	Fri 8/29/25	Fri 9/5/25	79	DevOps Engineer	\$3,600.00
83	1.7.1.2		Create Deployment Automation Scripts	5 days	40 hrs	Fri 9/5/25	Fri 9/12/25	82	DevOps Engineer	\$3,600.00
84	1.7.2		Server	13 days	104 hrs	Fri 9/12/25	Wed 10/1/25			\$15,860.00
85	1.7.2.1		Set Up Production Servers	8 days	64 hrs	Fri 9/12/25	Wed 9/24/25	83	DevOps Engineer,Servers[1]	\$10,760.00
86	1.7.2.2		Configure Load Balancers	5 days	40 hrs	Wed 9/24/25	Wed 10/1/25	85	DevOps Engineer,Load Balancers[1]	\$5,100.00
87	1.7.3		Security Audits	14 days	160 hrs	Tue 10/21/25	Mon 11/10/25			\$12,640.00
88	1.7.3.1		Conduct Code Review	6 days	96 hrs	Tue 10/21/25	Wed 10/29/25	97	Backend Developer-B,Frontend Developer-F	\$7,200.00
89	1.7.3.2		Perform Vulnerability Testing	8 days	64 hrs	Wed 10/29/25	Mon 11/10/25	88	Security Analyst	\$5,440.00
90	1.7.4		Environment Verification	10 days	80 hrs	Wed 10/1/25	Wed 10/15/25			\$4,000.00
91	1.7.4.1		Run End-to-End Testing	5 days	40 hrs	Wed 10/1/25	Wed 10/8/25	85,86	QA Tester-Q	\$2,000.00
92	1.7.4.2		Perform User Acceptance Testing	5 days	40 hrs	Wed 10/8/25	Wed 10/15/25	91	QA Tester-Q	\$2,000.00
93	1.8		Launch and Rollout	179 days	352 hrs	Mon 3/10/25	Fri 11/14/25			\$37,440.00
94	1.8.1		Beta Release	2 days	16 hrs	Wed 10/15/25	Fri 10/17/25			\$1,440.00
95	1.8.1.1		Release Beta Version	2 days	16 hrs	Wed 10/15/25	Fri 10/17/25	92	DevOps Engineer	\$1,440.00
96	1.8.2		Full Launch	2 days	32 hrs	Fri 10/17/25	Tue 10/21/25			\$2,080.00
97	1.8.2.1		Launch Full Version	2 days	32 hrs	Fri 10/17/25	Tue 10/21/25	94	Marketing Specialist,Product Manager	\$2,080.00
98	1.8.3		Marketing Campaign	18 days	144 hrs	Tue 10/21/25	Fri 11/14/25			\$22,920.00
99	1.8.3.1		Plan Marketing Strategy	8 days	64 hrs	Tue 10/21/25	Fri 10/31/25	95,97	Marketing Specialist	\$3,520.00
100	1.8.3.2		Execute Marketing Campaign	10 days	80 hrs	Fri 10/31/25	Fri 11/14/25	99	Marketing Specialist,Marketing Campaign[\$15,000.00]	\$19,400.00
101	1.8.3.3		Project Launch	0 days	0 hrs	Tue 10/21/25	Tue 10/21/25	96		\$0.00
102	1.8.4		Documentation and Training	25 days	160 hrs	Mon 3/10/25	Mon 4/14/25			\$11,000.00
103	1.8.4.1		Create User Manuals	10 days	80 hrs	Mon 3/10/25	Mon 3/24/25	30	Technical Writer	\$4,000.00
104	1.8.4.2		Develop Training Materials	10 days	80 hrs	Mon 3/24/25	Mon 4/7/25	103	Technical Writer	\$4,000.00
105	1.8.4.3		Training Sessions for Users Support Teams	5 days	0 hrs	Mon 4/7/25	Mon 4/14/25	104	Training[\$3,000.00]	\$3,000.00
106	1.9		Post-Launch Support	31.33 days	640 hrs	Tue 10/21/25	Wed 12/3/25			\$44,320.00
107	1.9.1		User Feedback Collection	13.33 days	160 hrs	Tue 10/21/25	Fri 11/7/25			\$8,800.00
108	1.9.1.1		Collect User Feedback	13.33 days	160 hrs	Tue 10/21/25	Fri 11/7/25	101	Business Analyst[50%],Customer Support,System Analyst[67%]	\$8,800.00
109	1.9.2		Bug Fixing and Updates	14 days	192 hrs	Fri 11/7/25	Thu 11/27/25			\$14,880.00
110	1.9.2.1		Fix Reported Bugs	10 days	160 hrs	Fri 11/7/25	Fri 11/21/25	108	Backend Developer-S,Frontend Developer-K	\$12,000.00
111	1.9.2.2		Release Updates	4 days	32 hrs	Fri 11/21/25	Thu 11/27/25	110	DevOps Engineer	\$2,880.00
112	1.9.3		Feature Enhancements	18 days	288 hrs	Fri 11/7/25	Wed 12/3/25			\$20,640.00
113	1.9.3.1		Plan Feature Enhancements	8 days	128 hrs	Fri 11/7/25	Wed 11/19/25	108,99	Business Analyst,Product Manager	\$8,640.00
114	1.9.3.2		Implement New Features	10 days	160 hrs	Wed 11/19/25	Wed 12/3/25	113	Backend Developer-B,Frontend Developer-F	\$12,000.00