

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	Cost
0		Emergency SOS App Project	230 days	Thu 10/2/25	Wed 8/19/26			R555,000.00
1		1 Project begins	0 days	Thu 10/2/25	Thu 10/2/25			R0.00
2		2 Requirements and Planning	20 days	Thu 10/2/25	Wed 10/29/25	1	Project Manager,Backend Developer,Compliance Officer,Lead Developer	R80,000.00
3		2.1 Define scope	10 days	Thu 10/2/25	Wed 10/15/25	1	Project Manager,Compliance Officer,Backend Developer,Lead Developer	R50,000.00
4		2.1.1 Review community safety needs	3 days	Thu 10/2/25	Mon 10/6/25	1	Compliance Officer	R15,000.00
5		2.1.2 Identify app features	4 days	Tue 10/7/25	Fri 10/10/25	4	Backend Developer,Lead Developer	R20,000.00
6		2.1.3 Draft scope document	3 days	Mon 10/13/25	Wed 10/15/25	5	Project Manager	R15,000.00
7		2.2 Set Milestones	6 days	Thu 10/16/25	Thu 10/23/25	3	Project Manager,Compliance Officer	R20,000.00
8		2.2.1 Create Gantt chart	2 days	Thu 10/16/25	Fri 10/17/25	3	Project Manager	R8,000.00
9		2.2.2 Assign deadlines	2 days	Mon 10/20/25	Tue 10/21/25	8	Project Manager	R7,000.00
10		2.2.3 Review with stakeholders	2 days	Wed 10/22/25	Thu 10/23/25	9	Project Manager,Compliance Officer	R5,000.00
11		2.3 Assign roles	4 days	Fri 10/24/25	Wed 10/29/25	7	Project Manager	R10,000.00
12		2.3.1 Define team structure	1 day	Fri 10/24/25	Fri 10/24/25	7	Project Manager	R3,000.00
13		2.3.2 Allocate responsibilities	2 days	Mon 10/27/25	Tue 10/28/25	12	Project Manager	R4,000.00
14		2.3.3 Confirm availability	1 day	Wed 10/29/25	Wed 10/29/25	13	Project Manager	R3,000.00
15		3 Planning complete	0 days	Wed 10/29/25	Wed 10/29/25	2		R0.00
16		4 UI/UX Design	40 days	Thu 10/30/25	Wed 12/24/25	15	UI Designer,Accessibility Tester	R90,000.00
17		4.1 Create wireframes	15 days	Thu 10/30/25	Wed 11/19/25	15	UI Designer,Accessibility Tester	R40,000.00
18		4.1.1 Design emergency screen layout	5 days	Thu 10/30/25	Wed 11/5/25	15	UI Designer	R15,000.00
19		4.1.2 Map user flow	6 days	Thu 11/6/25	Thu 11/13/25	18	UI Designer	R15,000.00
20		4.1.3 Review with UX team	4 days	Fri 11/14/25	Wed 11/19/25	19	UI Designer	R10,000.00
21		4.2 Design user flows	12 days	Thu 11/20/25	Fri 12/5/25	17	UI Designer	R30,000.00
22		4.2.1 Define button actions	4 days	Thu 11/20/25	Tue 11/25/25	17	UI Designer	R10,000.00
23		4.2.2 Link screens logically	5 days	Wed 11/26/25	Tue 12/2/25	22	UI Designer	R12,000.00
24		4.2.3 Validate with test users	3 days	Wed 12/3/25	Fri 12/5/25	23	UI Designer	R8,000.00
25		4.3 Accessibility review	13 days	Mon 12/8/25	Wed 12/24/25	21	Accessibility Tester	R20,000.00
26		4.3.1 Add voice input/output	4 days	Mon 12/8/25	Thu 12/11/25	21	Accessibility Tester	R7,000.00
27		4.3.2 Test with screen readers	5 days	Fri 12/12/25	Thu 12/18/25	26	Accessibility Tester	R8,000.00
28		4.3.3 Adjust contrast and font sizes	4 days	Fri 12/19/25	Wed 12/24/25	27	Accessibility Tester	R5,000.00
29		5 UI/UX design completed	0 days	Wed 12/24/25	Wed 12/24/25	16		R0.00
30		6 App Development	80 days	Thu 12/25/25	Wed 4/15/26	29	Backend Developer,Security Specialist,Lead Developer	R255,000.00
31		6.1 Build alert system	30 days	Thu 12/25/25	Wed 2/4/26	29	Backend Developer,Security Specialist	R100,000.00
32		6.1.1 Code button logic	10 days	Thu 12/25/25	Wed 1/7/26	29	Backend Developer	R30,000.00
33		6.1.2 Integrate push notifications	12 days	Thu 1/8/26	Fri 1/23/26	32	Backend Developer	R40,000.00
34		6.1.3 Encrypt alert data	8 days	Mon 1/26/26	Wed 2/4/26	33	Security Specialist	R30,000.00
35		6.2 Location sharing module	25 days	Thu 2/5/26	Wed 3/11/26	31	Backend Developer,Security Specialist	R85,000.00
36		6.2.1 Access GPS data	8 days	Thu 2/5/26	Mon 2/16/26	31	Backend Developer	R25,000.00
37		6.2.2 Enable real-time tracking	10 days	Tue 2/17/26	Mon 3/2/26	36	Backend Developer	R35,000.00
38		6.2.3 Add location consent prompt	7 days	Tue 3/3/26	Wed 3/11/26	37	Security Specialist	R25,000.00
39		6.3 Emergency contact sync	25 days	Thu 3/12/26	Wed 4/15/26	35	Backend Developer,Security Specialist	R70,000.00
40		6.3.1 Import contacts securely	8 days	Thu 3/12/26	Mon 3/23/26	35	Security Specialist	R25,000.00
41		6.3.2 Enable auto alerts to contacts	10 days	Tue 3/24/26	Mon 4/6/26	40	Backend Developer	R30,000.00
42		6.3.3 Add contact management screen	7 days	Tue 4/7/26	Wed 4/15/26	41	Backend Developer	R15,000.00
43		7 App development completed	0 days	Wed 4/15/26	Wed 4/15/26	30		R0.00
44		8 Testing and QA	40 days	Thu 4/16/26	Wed 6/10/26	43	Accessibility Tester,Lead Developer,QA Tester	R60,000.00
45		8.1 Functional testing	15 days	Thu 4/16/26	Wed 5/6/26	43	QA Tester	R30,000.00
46		8.1.1 Test each feature	5 days	Thu 4/16/26	Wed 4/22/26	43	QA Tester	R10,000.00
47		8.1.2 Log and prioritize bugs	6 days	Thu 4/23/26	Thu 4/30/26	46	QA Tester	R12,000.00
48		8.1.3 Bypass bugs and continue testing	4 days	Fri 5/1/26	Wed 5/6/26	47	QA Tester	R8,000.00
49		8.2 Bug fixes	15 days	Thu 5/7/26	Wed 5/27/26	45	Lead Developer	R20,000.00
50		8.2.1 Resolve critical issues	6 days	Thu 5/7/26	Thu 5/14/26	45	Lead Developer	R10,000.00
51		8.2.2 Patch minor glitches	5 days	Fri 5/15/26	Thu 5/21/26	50	Lead Developer	R6,000.00
52		8.2.3 Optimize performance	4 days	Fri 5/22/26	Wed 5/27/26	51	Lead Developer	R4,000.00
53		8.3 Accessibility testing	10 days	Thu 5/28/26	Wed 6/10/26	49	Accessibility Tester	R10,000.00
54		8.3.1 Test with assistive tech	4 days	Thu 5/28/26	Tue 6/2/26	49	Accessibility Tester	R4,000.00
55		8.3.2 Validate WCAG compliance	4 days	Wed 6/3/26	Mon 6/8/26	54	Accessibility Tester	R4,000.00
56		8.3.3 Document findings	2 days	Tue 6/9/26	Wed 6/10/26	55	Accessibility Tester	R2,000.00
57		9 Testing and QA completed	0 days	Wed 6/10/26	Wed 6/10/26	44		R0.00
58		10 Deployment and documentation	50 days	Thu 6/11/26	Wed 8/19/26	57	Compliance Officer,Lead Developer,Project Manager	R70,000.00

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59			10.1 Final deployment	15 days	Thu 6/11/26	Wed 7/1/26	57	Lead Developer	R30,000.00
60			10.1.1 Verify installation process	5 days	Thu 6/11/26	Wed 6/17/26	57	Lead Developer	R10,000.00
61			10.1.2 Publish to app stores	6 days	Thu 6/18/26	Thu 6/25/26	60	Lead Developer	R12,000.00
62			10.1.3 Monitor launch feedback	4 days	Fri 6/26/26	Wed 7/1/26	61	Lead Developer	R8,000.00
63			10.2 Final documentation	20 days	Thu 7/2/26	Wed 7/29/26	59	Project Manager	R20,000.00
64			10.2.1 Document planning	6 days	Thu 7/2/26	Thu 7/9/26	59	Project Manager	R7,000.00
65			10.2.2 Document execution	8 days	Fri 7/10/26	Tue 7/21/26	64	Project Manager	R8,000.00
66			10.2.3 Document deployment	6 days	Wed 7/22/26	Wed 7/29/26	65	Project Manager	R5,000.00
67			10.3 Final review	15 days	Thu 7/30/26	Wed 8/19/26	63	Compliance Officer,Project Manager	R20,000.00
68			10.3.1 Submit documentation	5 days	Thu 7/30/26	Wed 8/5/26	63	Project Manager	R7,000.00
69			10.3.2 Evaluate performance	6 days	Thu 8/6/26	Thu 8/13/26	68	Compliance Officer	R8,000.00
70			10.3.3 File documents away	4 days	Fri 8/14/26	Wed 8/19/26	69	Project Manager	R5,000.00
71			11 Deployment and documentation complete	0 days	Wed 8/19/26	Wed 8/19/26	58		R0.00
72			12 Project complete	0 days	Wed 8/19/26	Wed 8/19/26	71		R0.00