

		Name	Duration	Start	Finish	Predecessors
1		<b>Requirements Analysis</b>	<b>3 days</b>	<b>12/26/24 8:00 AM</b>	<b>12/30/24 5:00 PM</b>	
2		Functional Requirements	3 days	12/26/24 8:00 AM	12/30/24 5:00 PM	
3		Non Functional Requirements	1 day	12/26/24 8:00 AM	12/26/24 5:00 PM	
4		<b>Designing/Modeling</b>	<b>5 days</b>	<b>12/26/24 8:00 AM</b>	<b>1/1/25 5:00 PM</b>	
5		<b>System Architecture Design</b>	<b>0.5 days</b>	<b>12/26/24 8:00 AM</b>	<b>12/26/24 1:00 PM</b>	
6		Use case Diagram	0.5 days	12/26/24 8:00 AM	12/26/24 1:00 PM	
7		Activity Diagram	0.5 days	12/26/24 8:00 AM	12/26/24 1:00 PM	
8		Sequence Diagram	0.5 days	12/26/24 8:00 AM	12/26/24 1:00 PM	
9		<b>Data Modeling</b>	<b>0.5 days</b>	<b>12/26/24 8:00 AM</b>	<b>12/26/24 1:00 PM</b>	
10		Class Diagram	0.5 days	12/26/24 8:00 AM	12/26/24 1:00 PM	
11		<b>UI/UX Prototyping</b>	<b>5 days</b>	<b>12/26/24 8:00 AM</b>	<b>1/1/25 5:00 PM</b>	
12		Frontend Development	5 days	12/26/24 8:00 AM	1/1/25 5:00 PM	
13		<b>Coding/Development</b>	<b>4 days</b>	<b>1/6/25 8:00 AM</b>	<b>1/9/25 5:00 PM</b>	
14		<b>Backend Development</b>	<b>4 days</b>	<b>1/6/25 8:00 AM</b>	<b>1/9/25 5:00 PM</b>	
15		Software Login	3 days	1/6/25 8:00 AM	1/8/25 5:00 PM	
16		Software Signup	3 days	1/6/25 8:00 AM	1/8/25 5:00 PM	
17		Generate Probable Causes of Requests	3 days	1/6/25 8:00 AM	1/8/25 5:00 PM	
18		Request Fire Brigade	3 days	1/6/25 8:00 AM	1/8/25 5:00 PM	
19		Request Health Care Service	3 days	1/6/25 8:00 AM	1/8/25 5:00 PM	
20		Request Law Enforcement Unit	3 days	1/6/25 8:00 AM	1/8/25 5:00 PM	
21		After Service Review	2 days	1/6/25 8:00 AM	1/7/25 5:00 PM	
22		Track Last and Realtime Location	4 days	1/6/25 8:00 AM	1/9/25 5:00 PM	
23		Generate Penalties	2 days	1/6/25 8:00 AM	1/7/25 5:00 PM	
24		Integration and Unit Testing	1 day	1/6/25 8:00 AM	1/6/25 5:00 PM	
25		<b>Testing</b>	<b>4 days</b>	<b>1/10/25 8:00 AM</b>	<b>1/15/25 5:00 PM</b>	
26		Functional Testing	4 days	1/10/25 8:00 AM	1/15/25 5:00 PM	
27		Performance Testing	2 days	1/10/25 8:00 AM	1/13/25 5:00 PM	
28		<b>Implementation/Integration Phase</b>	<b>3 days</b>	<b>1/16/25 8:00 AM</b>	<b>1/20/25 5:00 PM</b>	
29		Deployment Preparation	3 days	1/16/25 8:00 AM	1/20/25 5:00 PM	
30		System Integration	3 days	1/16/25 8:00 AM	1/20/25 5:00 PM	
31		<b>Operation/Maintenance</b>	<b>4 days</b>	<b>1/21/25 8:00 AM</b>	<b>1/24/25 5:00 PM</b>	
32		Bug Fixes & Updates (Recurring)	4 days	1/21/25 8:00 AM	1/24/25 5:00 PM	
33		Documentation	2 days	1/20/25 5:00 PM	1/22/25 5:00 PM	



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