

Task Description	Task Activity	Predecessor	Duration (days)
Project Initiation	1. Define project scope and objectives	-	5 days
System Analysis and Requirements Gathering	2. Specify User Requirements	1	3 days
	3. Define Technical Requirements	2	3 days
	4. Design System Architecture	3	5 days
Infrastructure Setup	5. Purchase Needed hardware	4	3 days
	6. Set Up Network Infrastructure	5	2 days
	7. Install and Configure Tracking Devices	5	2 days
Software Development	8. Develop Front-End	4	7 days
	9. Develop Back-End	4	10 days
Implementation	10. Establish Data Transmission and Communication Protocols	8, 9	5 days
	11. Test and Calibrate Tracking System	10	2 days
	12. Train Users (Bus Operators, Administrators)	11	5 days
Documentation	13. Evaluate the system	12	2 days
	14. Create User Manuals	12	2 days
	15. Create FAQs	12	1 day
Deployment	16. Deploy the system	13, 14, 15	1 day