

BUDGET & TIMELINE **PROPOSAL**

Smart Temperature-Controlled
Delivery Platform



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Project Overview

The Smart Temperature-Controlled Delivery Platform is an integrated solution combining a web-based Admin Panel, a cross-platform Mobile Application, and IoT device integration to ensure real-time temperature and location monitoring for sensitive deliveries.

- **Estimated Timeline: 15–18 weeks**
- **Estimated Budget: LKR 1,600,000**

With our proven experience in developing scalable logistics and IoT-enabled platforms, our team is fully equipped to deliver a robust and reliable system tailored to your operational needs

Developer Cost Breakdown

Category	Description	Amount
Design	UI/UX, mockups, graphics	200,000
Admin panel Development	Development of the Admin Panel (Web)	500,000
Mobile Application Development	Cross-platform mobile application (Android/iOS)	675,000
Project Management	Coordination, meetings, reporting	100,000
Testing & QA	Functional, performance, bug testing	75,000
Deployment and Delivery	Final deployment, store submissions	50,000
Total		1,600,000

The Above cost breakdown covers the development and delivery of features as outlined in the official requirements document provided by the client.

Any additional features, changes to existing requirements, or new requests outside the defined scope will be considered as separate work and will incur additional charges, which will be estimated and communicated prior to implementation.

Other Cost Breakdown

Category	Period	Amount
Apple Developer Account	Per Year	99 USD
Google Play Developer Account	Lifetime	25 USD
Admin Panel hosting	Per month	25 USD
Backend Hosting	Per month	25 USD
Notifications	Per month	15 USD
Geolocation Service	Per month	20 USD

Since the exact number of trucks, trips per truck per month, and average user activity are not currently known, actual costs may vary. However, many services provide generous free usage tiers or credits, and in some cases, you might not be charged at all depending on usage.

Please note:

Based on our review of the requirements document and prior experience working on similar projects, this cost estimate serves as a general guide. These costs can vary significantly depending on the client's specific use case and the scale of the application. A more accurate and tailored estimate will be provided after discussing the project details further with the client.

Project Milestones

Category	Milestone	Description	Amount
Advance	Advance Payment	15% of Total Project fees – Project initiation & Pre-advance initial designs confirmation	187,500
Design	Requirements Gathering & Research	Competitor analysis, Goal alignment, Documentation	50,000
	Information Architecture	Defining screen flows, data structure planning, user roles & permissions	50,000
	UI/UX wireframes for mobile	Initial layout and wireframes for mobile app screens	50,000
	High-Fidelity UI Mockups – Mobile App	Final UI/UX designs and visual elements for mobile app using Figma	50,000
Admin panel Development	Backend Setup & Database Architecture	Setup database schema, API architecture, and user access logic	60,000
	Admin Panel – Auth + Dashboard	Admin login/logout, dashboard summary, real-time GPS and temperature overview	65,000

Project Milestones

Admin panel Development	Admin Panel – Vehicle Management Module	Add/edit/delete vehicles, assign to drivers	75,000
	Admin Panel – Driver Management Module	Create, Read, Update, Delete for drivers, assign to vehicles, view history	55,000
	Admin Panel – Invoice & Package Creation + QR Generation	Invoice creation with temperature range, QR linking, gadget ID linking	50,000
	Admin Panel – Invoice & Package Creation + QR Generation	Invoice creation with temperature range, QR linking, gadget ID linking	65,000
	Admin Panel – Alerts & Live Temperature Monitoring	Live temperature logs, alerts with timestamp & device ID	50,000
	Admin Panel – Delivery Confirmation Logs	Confirm deliveries via QR, store photo, note, and update status	55,000
	Admin Panel – Report Generation (PDF/Excel)	Generate/export driver and delivery reports with metrics	30,000

Project Milestones

Mobile Application Development	Mobile App – Developing UI	Convert approved UI designs into responsive Flutter screens for all mobile views	80,000
	Mobile App – Authentication + Vehicle Overview	Login/logout, view assigned vehicle and deliveries	50,000
	Mobile App – Delivery Lifecycle & QR Workflow	Scan to dispatch, in-transit status, scan to deliver, optional photo/note	100,000
	Mobile App – Real-Time Package Monitoring	View temperature, GPS, set/override thresholds	80,000
	Mobile App – Alert Handling + Notifications	Triggered alerts, push notifications, acknowledge alert functionality	50,000
	Mobile App – Report View + Export	Filterable delivery reports: mileage, timestamps, alerts	50,000
	IoT Integration (Simulated/Protocol Setup)	Connect gadgets, receive real-time data, map to invoice IDs	72,500
Testing & QA	Testing & QA (Admin + Mobile)	Full flow testing including GPS/temp tracking, alerts, QR delivery flows	100,000

Project Milestones

Deployment and Delivery	Deployment, Store Submission & Handover	Deploy web & app, publish mobile app, documentation handover	125,000
Total			1,600,000

The Smart Temperature-Controlled Delivery Platform project is estimated to take approximately 15–18 weeks for full completion. Development will follow **agile and modular methodologies**, allowing for **parallel progress** on different components to ensure efficient delivery.

Please note:
Milestones may be completed in parallel based on priority and best development practices and not maybe not in the above order. Timely payments are essential to maintain workflow and avoid delays. We ensure flexibility while upholding technical standards and quality.

We are committed to aligning progress with client preferences while ensuring adherence to technical feasibility and quality standards.