

Tow Truck App MVP Proposal

Project Overview

We propose the development of a Tow Truck Service App that allows users to request towing for their car or motorcycle through a mobile app. The platform includes separate apps for Users and Drivers, and an Admin Panel for management and monitoring.

Our goal is to deliver a Minimum Viable Product (MVP) that covers all essential features required for operational use, with a clean, modern UI, real-time features, and secure integrations.

User App Features

- Registration/Login
- Select Car/Motorcycle
- Pickup/Drop-off location
- Add driver notes
- View nearby trucks
- Fare estimate
- Live tracking
- Driver info
- Card/Cash payment
- Job status updates
- Rating & feedback
- Service history
- Customer service support
- SOS location sharing

Driver App Features

- Registration/Login
- Upload documents
- Accept/Reject requests
- Job location & notes

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- GPS navigation
- Job status update
- Earnings summary
- Customer support

Admin Panel Features

- Manage users/drivers
- Monitor service requests
- View/manage payments
- Reports & analytics
- Customer support desk

Recommended Tech Stack

Frontend: Flutter (iOS/Android)

Backend: Node.js or Laravel

Database: PostgreSQL or MongoDB

Maps: Google Maps API

Notifications: Firebase

Realtime: Socket.IO or Firebase

Admin: Vue.js/React.js

Hosting: AWS/Firebase

Timeline & Phases

1. Planning & Design - 1 Week
2. Backend Development - 2 Weeks
3. User & Driver Apps - 3 Weeks
4. Admin Panel - 1 Week
5. Testing & Security - 1 Week
6. Deployment & Handover - 1 Week

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Total Estimated Time: 9 Weeks

Optional Add-ons

- In-app chat
- Promo codes
- Driver incentives
- Advanced analytics
- Multi-language support
- Subscriptions

Conclusion

This MVP roadmap ensures rapid deployment with scalable architecture. After launch, we can iterate based on user feedback to plan version 2.

We're excited to bring this vision to life and look forward to your feedback.