

# Tow Truck App 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

Database: PostgreSQL or MongoDB

Maps: Google Maps API

Notifications: Firebase

Realtime: Socket.IO

## Timeline & Phases

1. Planning & Design - 8 Week
2. Backend Development - 8 Weeks
3. User & Driver Apps - 8 Weeks
4. Admin Panel - 2 Week
5. Deployment & Handover - 2 Week

Total Estimated Time: 28 Weeks (7 months)

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## Optional Add-ons

- In-app chat
- Multi-language support
- Subscriptions