



NoTow.app - Mobile apps & Web Admin

V 1.3

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Goal

The purpose of this document is to design and develop mobile apps to empower device owners with device moved alerts (Towing alerts) allowing them to take prompt action in case of towing.

Technology Stack

- iOS and Android for Customer Apps
- AngularJS, NodeJS
- Swift for iOS, Kotlin for Android OR Hybrid Apps based on SDI's research

Development Principles

- Smart and clean UI's (User Interfaces)
- Smart Navigation Tabs for easy and fast access to all the functions.
- Language of Development – English
- Language of Data Entry – English



Main Modules

Mobile Apps for Customers - iPhone & Android

The mobile app serves as the user interface, allowing device owners to receive notifications, track their device's location, and manage notifications settings.

IoT Device

The IoT device is installed or stored in the device and monitors its status. In the event the car is moved by a few inches, the device will send a signal to the cloud infrastructure to trigger notifications. **Client will identify & provide the IoT device to SDI along with the SDK.**

Web based Super Admin -

This will be a browser based web admin which will enable the Admin to Manage Customers & Generate Revenue Reports .

API Integration recommendations - Client will Sign up for these services

- Stripe API - In app payments to place order and/or purchase a subscription plan
 - Apple pay
 - Gpay
 - Samsung pay
- Order shipping & delivery APIs



Features - iPhone & Android

Real-time Towing Alerts

Users receive instant notifications on their mobile devices when the system detects device movement activity.

Location Tracking

The app provides real-time location tracking of the user's device.

Notification Settings

Users can customize notification preferences.

Installation and Setup

Mobile App Installation

Download and install the mobile app from the App Store or Google Play.

IoT Device Installation

Install/Store the IoT device in your device as per the provided instructions. Connect the device to your account through the mobile app.

Account Registration

Create an account within the mobile app, providing necessary details for registration.



Admin web portal

Login

- Admin will login with their email & password.
- Forgot Password: Admin will be able to reset their password, it will send an email with a link to set up a new password.

Customer management

- View customer details
- View NoTow devices under customer's profile

Reports

- Sales revenue - View sales revenue on a daily/ weekly/ monthly/ yearly basis

Marketing Website

1. Create a marketing website with the following functions
 - a. Links to download app
 - b. App features and functions
 - c. Subscription plans details
 - d. Privacy policy
2. Users can purchase a Notow device
3. Buy a subscription plan



Investment cost & delivery timelines

Tasks	Cost
Mobile App (iOS and Android) for customers	\$20000
Web Admin backend	\$12000

Hosting: Client will sign up for a Hosting account like AWS or GCP and SDI will host and launch the codes on this Hosting account.

Delivery timelines - 6 weeks for Mobile apps after device is finalized, 8 weeks for Web Admin Portal

Payment Terms

- \$22000 upfront payment
- \$6000 mid project
- \$4000 on completion prior to submission of apps to the app stores

Warranty

SDI provides a 6 months debugging warranty on every project. For the initial 6 months after acceptance/launch, if any bugs occur and are identified, we will fix them without any cost to you.

Source Codes

All of the project Source codes will be handed over to the client on project completion. Upon completion and payment of all agreed invoices to SDI, the Client will be the sole and exclusive owner of the website and IP of the project.