

Internship Project Brief

Project Title: Simple Fleet Tracker (Desktop App)

This internship project involves building a lightweight desktop application that allows basic vehicle data management (add, view, update, delete). The purpose is to help the intern practice working with Supabase for backend/database operations and Electron.js for desktop app UI.

Required Technologies

- Supabase (for database and REST API)
- Electron.js (for building the desktop application)
- HTML, CSS, Bootstrap (for styling the UI)
- Git + GitHub (for version control and collaboration)

Core Features

1. Vehicle Management:
 - View all vehicles in a list
 - Add a new vehicle (plate, brand, model, year, mileage)
 - Update existing vehicle information
 - Delete a vehicle from the system
 - Search/filter vehicles by brand or plate number

Learning Outcomes

- Learn to interact with Supabase as a backend-as-a-service (BaaS)
- Build a responsive desktop application using Electron.js
- Practice CRUD operations using JavaScript and API calls
- Strengthen Git and GitHub skills for real-world projects
- Deliver a functional, presentable application within a time constraint

Repository Access

The intern is required to use Git and GitHub throughout the project.
The final codebase must be pushed to a GitHub repository.
Access must be granted to: kodlasoftware@gmail.com

Timeline (4 Weeks)

Week 1: Setup Supabase project and Electron.js boilerplate
Week 2: Implement core CRUD functionality (Add/View/Delete/Update)
Week 3: Improve UI using Bootstrap, implement search feature
Week 4: Final testing, GitHub documentation, and delivery