

## Prompt 1 : App for Vehicle Allocation Management

Create an app to make my work easier as a forwarding specialist handling vehicle allocations for Lohr Performer car carriers, it will include the following features:

### ### \*\*1. Automatic Load Optimization\*\*

- **Weight Distribution Calculator**: Ensures that the total load is balanced and does not exceed axle weight limits.
- **Space Utilization Algorithm**: Suggests the best arrangement of cars based on dimensions and loading constraints.
- **Drag-and-Drop Interface**: Allows manual adjustments while visually confirming fitment.

### ### \*\*2. Vehicle Data Management\*\*

- **Integration with Fleet Database**: Imports vehicle details (model, weight, dimensions).
- **Real-time Availability Updates**: Syncs with your company's logistics system to show available vehicles for allocation.

### ### \*\*3. Smart Route Planning\*\*

- **Load-Based Route Optimization**: Takes into account weight distribution and road regulations (e.g., bridge weight limits).
- **Traffic & Weather Alerts**: Helps adjust loading plans based on real-time conditions.

### ### \*\*4. Compliance and Documentation\*\*

- **Automatic Load Manifest Generation**: Creates loading sheets with all necessary details.
- **Regulation Check**: Ensures compliance with national and international transport laws.

### ### \*\*5. Mobile & Web App Accessibility\*\*

- **Cloud-Based Syncing**: Updates across devices for dispatchers, drivers, and warehouse staff.
- **Driver Access**: Allows drivers to confirm or adjust load plans before departure.

Make sure I can test it in Manus website view

## Prompt 2 : Python Quiz App 🧠

### Core Features

- Quiz Builder: Add MCQs, True/False, code-based Qs.
- Auto-Grading: Instant results & explanations.
- User Roles: Admin & Student login.
- Reports: Track scores, accuracy, and generate certificates.
- Responsive & Cloud-Based: Works on all devices, Manus-ready.