

## Place Order

As a customer, I want to place an order for construction services so that I can build or renovate my house.

Acceptance Criteria:

- A customer should be able to create an order, specifying address, the required work, and preferred start date.
- The system should validate that all required fields are filled.
- A customer should be able to view their current and past orders in their profile.
- The customer should be able to modify existing orders that haven't started yet.

Profile dropdown

Respective page information goes here

▼

Make an order

Make your order

House Information

House Information

House Information

Resident Information

Resident Information

Continue

## Assign Employee to Order

As a project manager, I want to assign employees to specific customer orders so that the right personnel are responsible for each project.

Acceptance Criteria:

- The manager should be able to assign one or more employees to an order.
- The system should check employee availability to avoid double booking.
- The manager should be able to view the current assignment of employees to orders and reassign them if necessary.
- Employees should be able to view their assigned projects on their dashboard.

Order #XXXXXX

Order info

Employee(s)

Employee Name

Employee Name

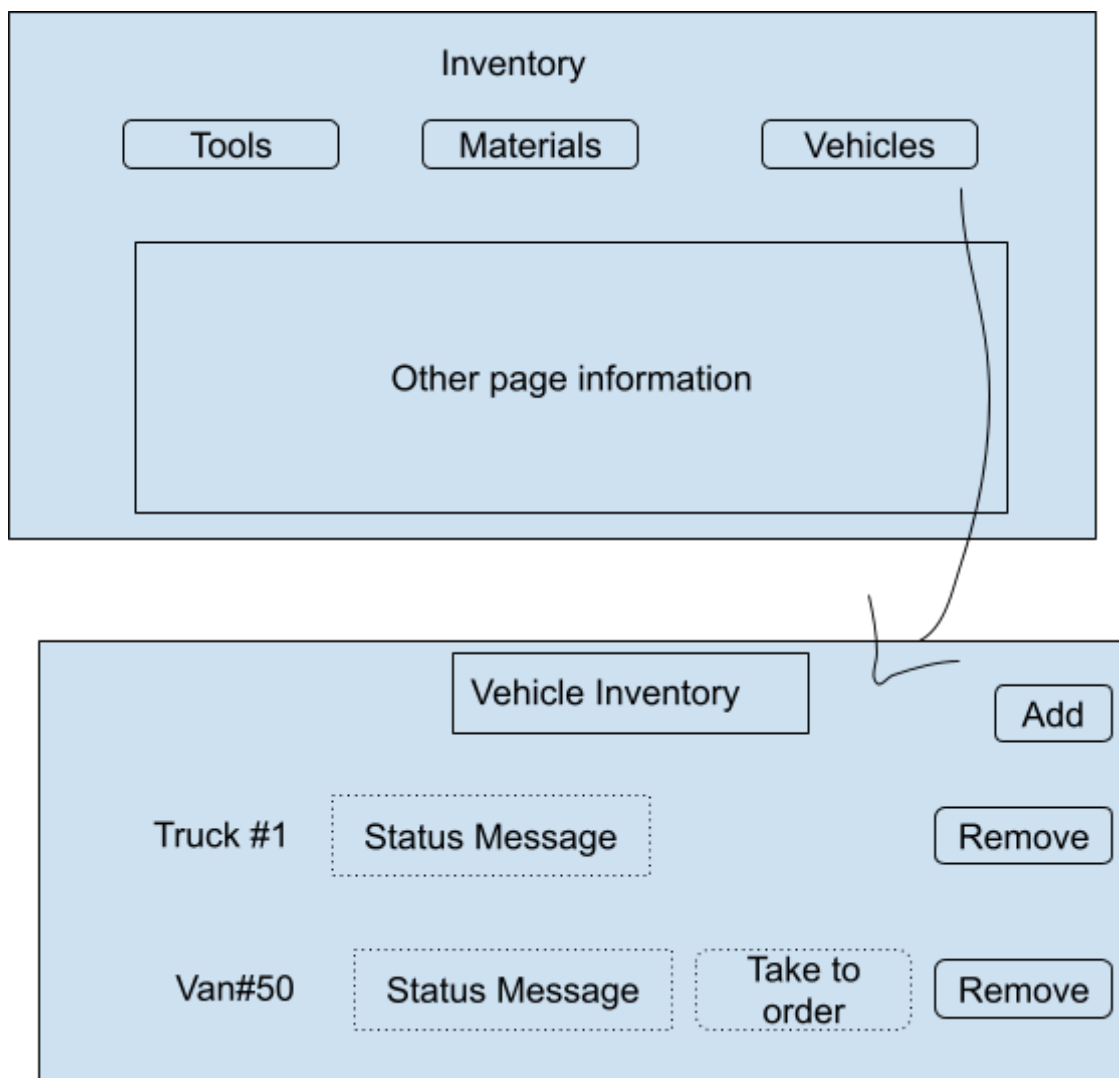
Add

## Manage Inventory/Assets

As an inventory manager, I want to add, update, and remove materials, vehicles, tools from inventory to keep track of stock levels for ongoing projects.

Acceptance Criteria:

- The manager should be able to add / modify materials, vehicles, tools by specifying type, quantity.
- The system should automatically deduct material, vehicles, tools quantities based on project usage.

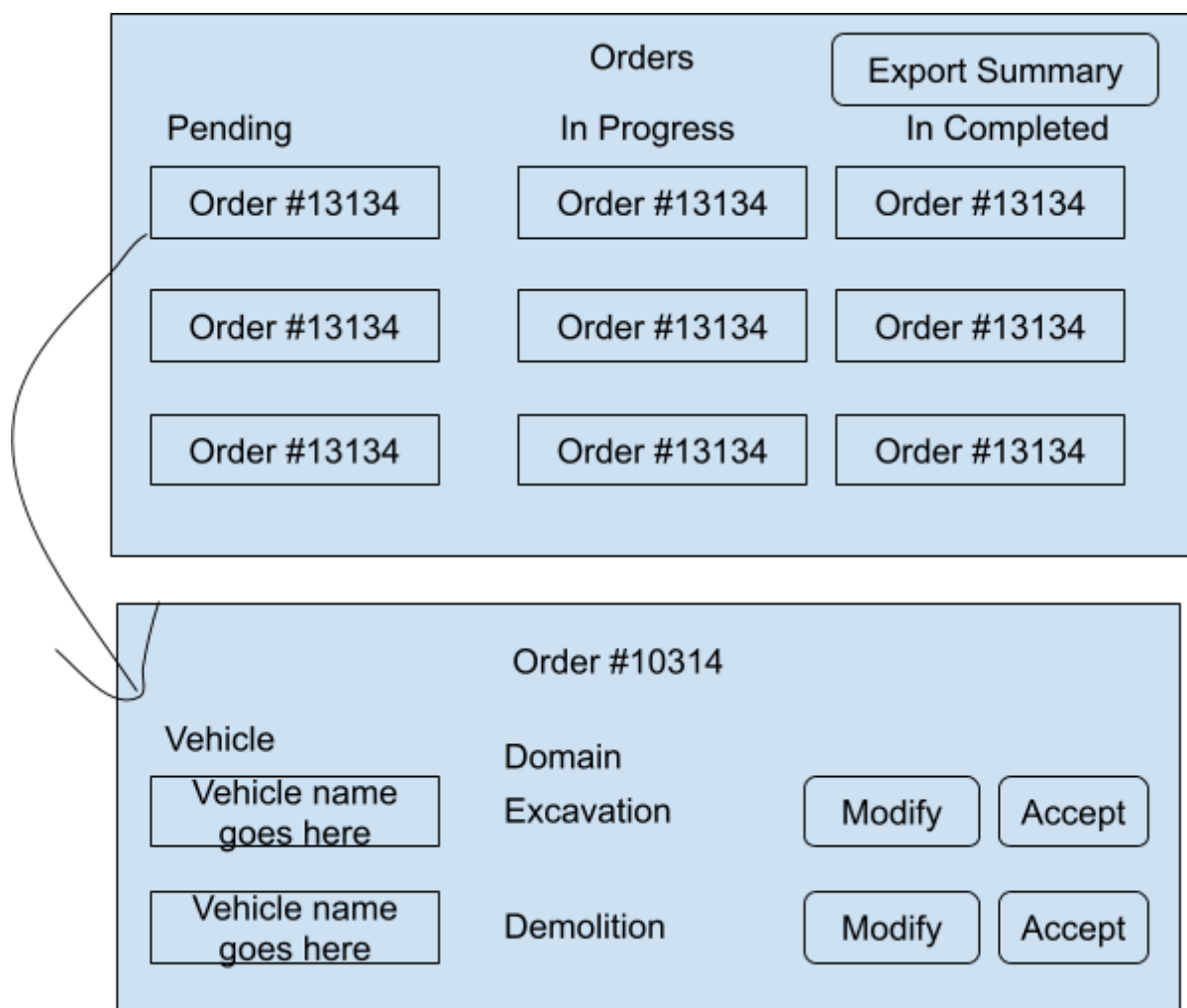


## Automatic Tool and Vehicle Selection Based on Material

As a project manager, I want the system to automatically recommend the appropriate tools and vehicles based on the materials selected for a project, so that the process can be as automated as possible and so that I can modify the entries if needed to ensure the correct resources are allocated efficiently.

Acceptance Criteria:

- When materials are selected for a project, the system should automatically suggest the necessary tools based on the type and quantity of the materials.
- The system should verify the availability of the suggested tools and vehicles and recommend alternatives if the first choice is unavailable.
- The manager should be able to manually adjust the suggested tools and vehicles, if needed.
- The automatic tool and vehicle selection should be visible on the order detail page with an option to approve or modify the recommendation.



## Generate Report for Completed Orders

As an admin, I want to generate a report for all completed orders / single orders so that I can review project performance and profitability.

Acceptance Criteria:

- The admin should be able to filter completed orders by date range, employee, or house.
- The report should display total costs and the profit margin for each order.
- The report should include order details, employee assignments, and materials used.
- The report should be downloadable in PDF.
- The system should ensure that all relevant order details are included in the report.

Order #10314

Export Summary

Relevant page information

Orders			Export Summary
Pending	In Progress	Completed	
Order #13134	Order #13134	Order #13134	
Order #13134	Order #13134	Order #13134	
Order #13134	Order #13134	Order #13134	