



# TRAILER MANAGEMENT SYSTEM

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Project URL: <https://github.com/gregory-stone/INFO-C451-Project-Trailer-Management>

Demo: <https://www.youtube.com/watch?v=fqLVZ4Q5H14>

Where's that Trailer?

Are we expecting you?

Where should I park?

Is this one ready?

## SOLUTION

### COMPLETE WAREHOUSE VIEW

Provides a complete view of parking locations on the property and any trailers that occupy them

### TIME SAVINGS

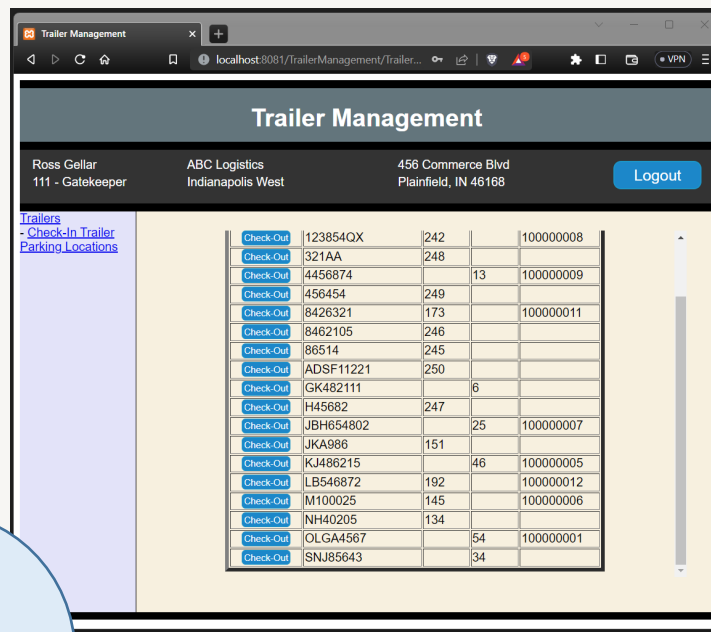
- Looking around for a trailer
- Inquiring about open spots
- Inquiring about trailer status

### TARGET AUDIENCE

All warehouse team members gain some benefit Gatekeepers, Spotters, WH Operators, Supervisors

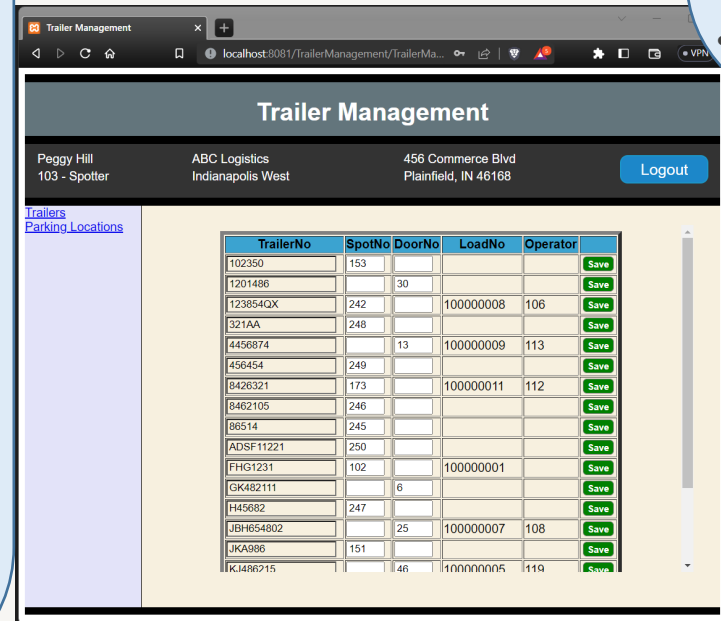
### EASY TO USE

Simple design that gives everyone the targeted information they need



The screenshot shows the 'Trailer Management' interface for Ross Gellar at ABC Logistics. It displays a table of trailers with columns for TrailerNo, SpotNo, DoorNo, LoadNo, and Operator. Each row has a 'Check-Out' button. The table lists 15 trailers, including 123854QX, 321AA, 4456874, 456454, 8426321, 8462105, 86514, ADSF11221, GK482111, H45682, JBH654802, JKA986, KJ486215, LB546872, M100025, NH40205, OLG44567, and SNJ85643.

TrailerNo	SpotNo	DoorNo	LoadNo	Operator
123854QX	242		100000008	
321AA	248	13	100000009	
4456874	249		100000011	
456454	173			
8426321	246			
8462105	245			
86514	250			
ADSF11221	6			
GK482111	247			
H45682	25		100000007	
JBH654802	151		100000005	
JKA986	46		100000012	
KJ486215	192		100000006	
LB546872	145			
M100025	134			
NH40205	54		100000001	
OLG44567	34			
SNJ85643				



The screenshot shows the 'Trailer Management' interface for Peggy Hill at ABC Logistics. It displays a table of trailers with columns for TrailerNo, SpotNo, DoorNo, LoadNo, and Operator. Each row has a 'Save' button. The table lists 15 trailers, including 102350, 1201486, 123854QX, 321AA, 4456874, 456454, 8426321, 8462105, 86514, ADSF11221, FHG1231, GK482111, H45682, JBH654802, JKA986, and KJ486215.

TrailerNo	SpotNo	DoorNo	LoadNo	Operator
102350	153			
1201486		30		
123854QX	242		100000008	106
321AA	248			
4456874		13	100000009	113
456454	249			
8426321	173		100000011	112
8462105	246			
86514	245			
ADSF11221	250			
FHG1231	102		100000001	
GK482111	6			
H45682	247			
JBH654802	25		100000007	108
JKA986	151			
KJ486215	46		100000005	119

## FEATURES DATA LOOKUP

- Trailers on the property
- Pick-Up and Delivery Appointment Date and Time
- Parking Spots and Dock Doors with status and occupancy

## RECORD MAINTENANCE

- Trailer Check-in and check-out
- Trailer movements
- Parking Spot and Dock Door status (active/inactive)

## ROLE-BASED PERMISSIONS

- View/Add/Update/Delete specific to user role

### Check-In Trailer

Load No: 100000003  
Appointment: 5/1/2023 10:00 PM  
**30 HOURS EARLY!!!**  
**CHECK-IN NOT ALLOWED**

### Check-In Trailer

Load No: 100000001  
Appointment: 4/30/2023 4:00 PM  
**ON TIME**  
Parking Spot: 102  
Trailer No: FHG1231  
**Save**

### Check-In Trailer

Load No: 100000002  
Appointment: 4/29/2023 11:30 AM  
**LATE!!!**  
Parking Spot: 103  
Trailer No: 321AA  
**Save**