



User Manual

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1 Installation

- Install python 3 from <https://www.python.org> or using your operating system's package manager. For Debian based Linux distributions (such as Ubuntu):

```
sudo apt install python3
```

- Install Django from the command line.

```
pip install django
```

- Extract the Truckr application to a local drive.

2 Start Truckr

- From your command line, navigate to the subdirectory titled 'seven'.
- Execute the following command:

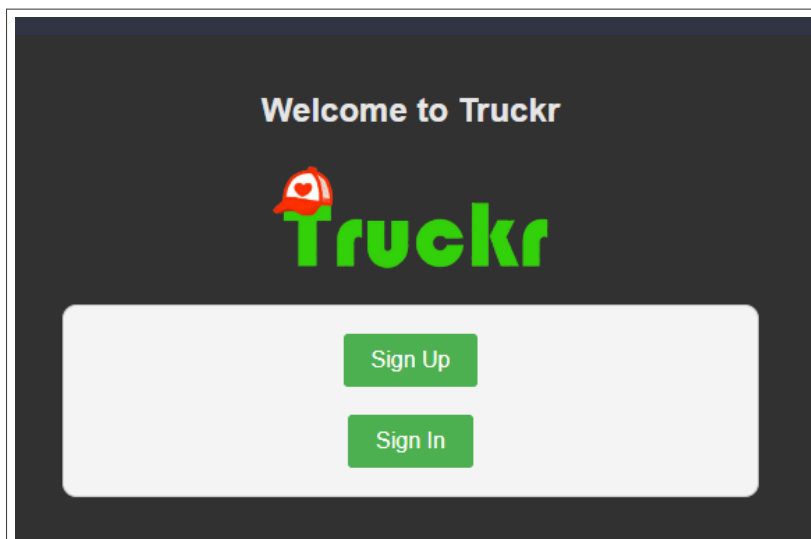
```
python3 manage.py runserver
```

This will start and run the testing server.

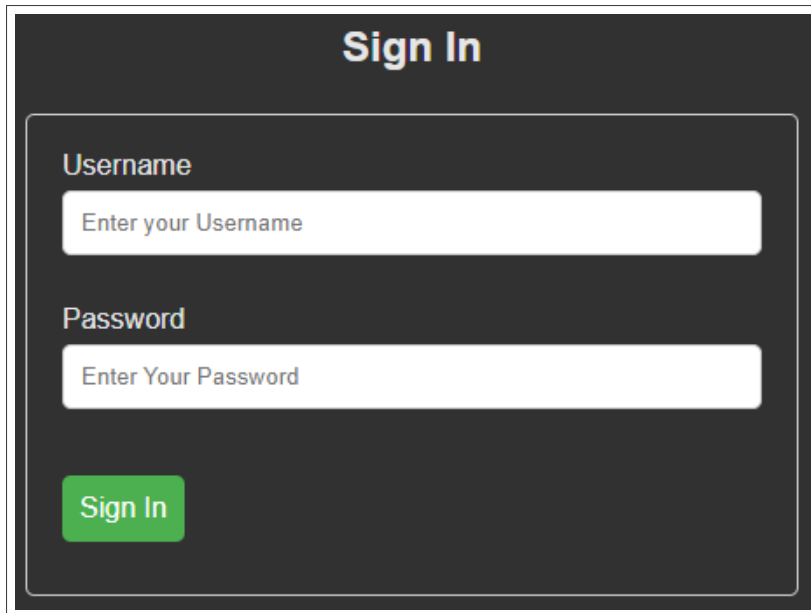
- In your web browser, navigate to 127.0.0.1:8000
- To stop the server, press Ctrl + C in your terminal.

3 Log In

From the home page, click Sign In.



This will bring you to the sign-in page.



Sign In

Username

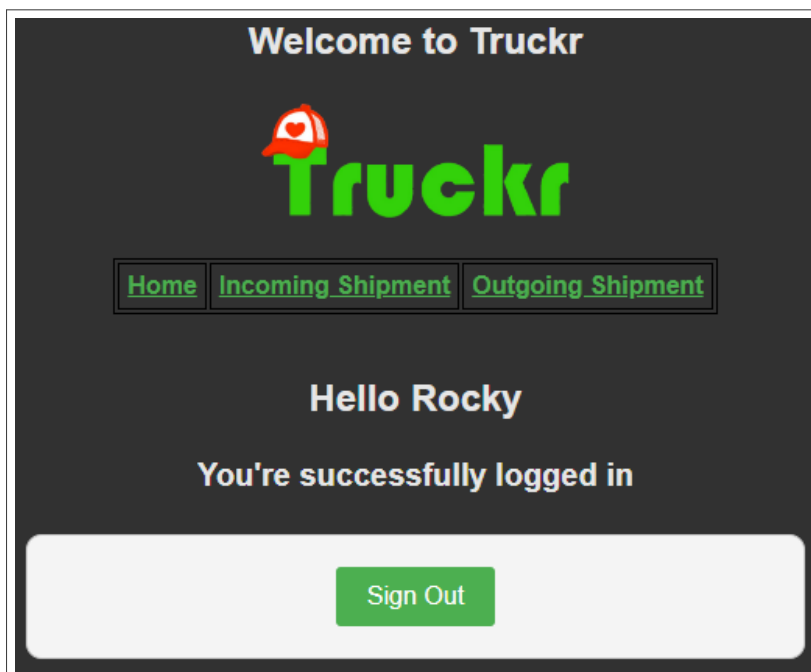
Password

Sign In


Use the following accounts to test the features of the four different account types.

Account Type	username	password
Driver	squir	groupseven
Maintenance	moosb	groupseven
Shipping Manager	fatan	groupseven
Full Account	badeb	groupseven

Once signed in, you will see a welcome screen, and a navigation bar.



Welcome to Truckr



[Home](#) [Incoming Shipment](#) [Outgoing Shipment](#)

Hello Rocky

You're successfully logged in

Sign Out

To sign out, click Home on the navigation bar.

On the Home screen, click the Sign Out button.

4 Driver Functions

Driver accounts can view their own incoming and outgoing shipments.

4.1 Incoming Shipments

Click Incoming Shipments on the navigation bar.

The incoming shipments page will display.

Shipment In												
Home Incoming Shipment Outgoing Shipment												
ID	Vehicle	Departure	Est. Arrival	Arrived	Payment Received	Driver	Recipient	Purchase Order	Address	City	State	Zip
I001	7	Feb. 21, 2022, 8 a.m.	Feb. 22, 2022, noon	False	True	1	Stark Industries	View	456 Pine St	New York	NY	12346
I006	10	Feb. 26, 2022, 1 p.m.	Feb. 27, 2022, 10 p.m.	False	True	1	Widget Corp.	View	456 Market St	Otherville	NY	67890

You can view the purchase order associated with each shipment by clicking the View button in the Purchase Order field.

10. 16
Shipping and handling: 500.00

Product	Product Name	Quantity	Price	Status	Edit
93	Wireless FM Transmitter	7	24.99	Outland	Edit
28	Jet-Propelled Pogo Stick	6	31.99	Backorder	Edit
79	Car Phone Mount	9	19.99	Unavailable	Edit
65	Screen Protector	8	9.99	Outland	Edit
90	Bluetooth Karaoke Machine	3	149.99	Backorder	Edit
22	Bird Seed Gun	2	13.99	Unavailable	Edit
59	Wireless Keyboard	5	49.99	Outland	Edit
75	VR Headset	10	299.99	Backorder	Edit
83	Smart Lock	4	149.99	Unavailable	Edit
51	Bluetooth Speaker	1	29.99	Outland	Edit
Add Item					

Note that driver accounts may not add or edit items in the purchase order.

4.2 Outgoing Shipments

Click Outgoing Shipment on the navigation bar.

The outgoing shipments page will display.

Shipment Out

[Home](#) [Incoming Shipment](#) [Outgoing Shipment](#)

ID	Vehicle	Departure	Est. Arrival	Arrived	Payment Received	Driver	Recipient	Purchase Order	Manifest	Address	City	State	Zip
O0004	5	Feb. 20, 2023, 4 p.m.	Feb. 21, 2023, 6 p.m.	True	True	1	Initech, LLC	View	View	246 5th Ave	Metropolis	IL	24680
O0008	5	Feb. 16, 2023, midnight	Feb. 17, 2023, 2 a.m.	False	False	1	Spacely Space Sprockets	View	View	789 Orbit St	Space City	MS	24601

You can view the purchase order as described in the previous section.

You can also view the manifest associated with the shipment by clicking View in the Manifest field.

Manifest Detail					
Home Incoming Shipment Outgoing Shipment					
Manifest ID: 4					
Shipping and handling: 500.00					
Product ID	Quantity	Product Name	Price	Total	
9	7	Spring Loaded Shoes	29.99	209.93	
27	11	Giant Catapult	99.99	1099.89	
38	16	Acme Co. Pencil	10.99	175.84	
47	9	Electric Toothbrush	25.99	233.91	
60	3	Hand Cables	29.99	89.97	
79	8	Car Phone Mount	19.99	159.92	
90	12	Bluetooth Karaoke Machine	149.99	1799.88	

5 Shipping Manager Functions

Shipping managers can create, view, and edit all incoming and outgoing shipments.

5.1 Create New Shipment

Click Incoming Shipment or Outgoing Shipment on the navigation bar.

This will bring up the corresponding shipment page.

Incoming Shipments													
Home Incoming Shipment Outgoing Shipment													
Monthly Shipping Reports													
ID	Vehicle	Departure	Est. Arrival	Arrived	Payment Received	Driver	Recipient	Purchase Order	Address	City	State	Zip	Edit
0001	7	Feb. 21, 2022, 8 a.m.	Feb. 22, 2022, noon	False	True	1	Stark Industries	View	456 Pine St.	New York	NY	12345	Edit
0002	11	Feb. 22, 2022, 9 a.m.	Feb. 23, 2022, 2 p.m.	False	True	5	Spacely Space Sprockets	View	789 Orbit St.	Space City	MS	24601	Edit
0003	19	Feb. 23, 2022, 10 a.m.	Feb. 24, 2022, 4 p.m.	False	True	9	Intetech, LLC	View	240 5th Ave.	Metropolis	IL	24690	Edit
0004	5	Feb. 24, 2022, 11 a.m.	Feb. 25, 2022, 6 p.m.	False	True	13	Acme Inc.	View	123 Main St.	Anytown	CA	12345	Edit
0005	14	Feb. 25, 2022, noon	Feb. 26, 2022, 8 p.m.	False	True	17	Wayland-Yutani Corporation	View	456 Nodromo St.	LV-426	TX	12346	Edit
0006	10	Feb. 26, 2022, 1 p.m.	Feb. 27, 2022, 10 p.m.	False	True	1	Widget Corp.	View	456 Market St.	Otherville	NY	67890	Edit
0007	6	Feb. 27, 2022, 2 p.m.	Feb. 28, 2022, noon	False	True	5	Occorp Industries	View	1352 Main St.	New York	NY	78965	Edit
0008	8	Feb. 28, 2022, 3 p.m.	March 1, 2022, 2 p.m.	False	True	9	Gekko & Co.	View	789 Wall St.	New York	NY	12345	Edit
0009	18	March 1, 2022, 4 p.m.	March 2, 2022, 4 p.m.	False	True	13	Utopia Planitia Fleet Yards	View	789 Enterprise Ave.	Mars	RS	12345	Edit
0010	16	March 2, 2022, 5 p.m.	March 3, 2022, 6 p.m.	False	True	17	Cybertyne Systems	View	240 Skynet St.	Terminatorville	CA	67890	Edit
Add Incoming Shipment													

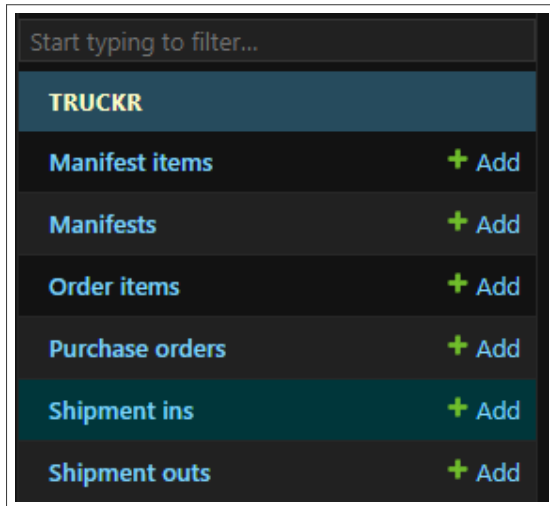
At the bottom of the screen, click the Add Incoming Shipment or Add Outgoing Shipment button.

This will bring up the appropriate form to create a new shipment.

Trucker Administration		WELCOME, BILLYMAY NEW JERSEY CURRENT PERMISSIONS LOG OUT			
Home > Trucker > Shipment list > Add shipment in					
Start typing to filter...					
<ul style="list-style-type: none"> Home Manifests Manifests Order items Purchase orders Shipment list Shipment list 	<h3>Add shipment in</h3> <p>ShipmentID: <input type="text"/></p> <p>VehicleID: <input type="text"/></p> <p>Departure: <input type="text"/> Date: <input type="text"/> Time: <input type="text"/></p> <p>Estimate: <input type="text"/> Date: <input type="text"/> Time: <input type="text"/></p> <p><input type="checkbox"/> Arrived</p> <p><input type="checkbox"/> Payment</p> <p>Driver: <input type="text"/></p> <p>PurchaseOrder: <input type="text"/></p> <p>ClientName: <input type="text"/></p> <p>Street: <input type="text"/></p> <p>City: <input type="text"/></p> <p>State: <input type="text"/></p> <p>Zipcode: <input type="text"/></p>				

Complete the form and click Save at the bottom of the screen.

Note: if you need to create a new purchase order for your shipment, you can click Add next to Purchase orders on the left side of the screen.



5.2 Edit Shipment

Click Incoming Shipment or Outgoing Shipment on the navigation bar.

This will bring up the corresponding shipment page.

Incoming Shipments

[Home](#) [Incoming Shipment](#) [Outgoing Shipment](#)

[Monthly Shipping Reports](#)

ID	Vehicle	Departure	Est. Arrival	Arrived	Payment Received	Driver	Recipient	Purchase Order	Address	City	State	Zip	Edit
001	7	Feb. 21, 2022, 8 a.m.	Feb. 22, 2022, noon	False	True	1	Stark Industries	View	456 Pine St	New York	NY	12345	Edit
002	11	Feb. 22, 2022, 9 a.m.	Feb. 23, 2022, 2 p.m.	False	True	5	Spacely Space Sprockets	View	789 Orbit St	Space City	MS	24601	Edit
003	19	Feb. 23, 2022, 10 a.m.	Feb. 24, 2022, 4 p.m.	False	True	9	Indusht, LLC	View	246 5th Ave	Metropolis	IL	24600	Edit
004	5	Feb. 24, 2022, 11 a.m.	Feb. 25, 2022, 8 p.m.	False	True	13	Acme Inc.	View	123 Main St	Anytown	CA	12345	Edit
005	14	Feb. 25, 2022, noon	Feb. 26, 2022, 8 p.m.	False	True	17	Weyland-Yutani Corporation	View	456 Nostromo St	LV-426	TX	12345	Edit
006	10	Feb. 26, 2022, 1 p.m.	Feb. 27, 2022, 10 p.m.	False	True	1	Widget Corp.	View	456 Market St	Otherville	NY	67890	Edit
007	6	Feb. 27, 2022, 2 p.m.	Feb. 28, 2022, noon	False	True	5	Oscorp Industries	View	1302 Main St	New York	NY	78960	Edit
008	8	Feb. 28, 2022, 3 p.m.	March 1, 2022, 2 p.m.	False	True	9	Gekko & Co.	View	789 Wall St	New York	NY	12345	Edit
009	18	March 1, 2022, 4 p.m.	March 2, 2022, 4 p.m.	False	True	13	Utopia Planitia Fleet Yards	View	789 Enterprise Ave	Mars	RS	12345	Edit
010	16	March 2, 2022, 5 p.m.	March 3, 2022, 5 p.m.	False	True	17	Cyberdyne Systems	View	246 SkyNet St	Terminatorville	CA	67890	Edit

[Add Incoming Shipment](#)

Locate the shipment you wish to edit, and click the corresponding Edit button in the Edit field.

This will bring up a form to edit the shipment.

Change shipment in

shipmentIn object (1001)

ShiplD:

VehID:

Departure: Date: 2022-02-21 Today | Time: 08:00:00 Now |

Note: You are 5 hours behind server time.

EstArrival: Date: 2022-02-22 Today | Time: 12:00:00 Now |

Note: You are 5 hours behind server time.

☐ Arrived

☒ Payment

Driver:

PurchaseOrder:

ClientName:

Street:

City:

State:

After you have made your changes, click Save at the bottom of the page.

5.3 Shipping Reports

Click Incoming Shipment or Outgoing Shipment on the navigation bar.

This will bring up the corresponding shipment page.

Incoming Shipments

[Home](#) [Incoming Shipment](#) [Outgoing Shipment](#)

[Monthly Shipping Reports](#)

ID	Vehicle	Departure	Est. Arrival	Arrived	Payment Received	Driver	Recipient	Purchase Order	Address	City	State	Zip	Edit
1001	7	Feb. 21, 2022, 8 a.m.	Feb. 22, 2022, noon	False	True	1	Stark Industries	View	456 Pine St	New York	NY	12345	Edit
1002	11	Feb. 22, 2022, 9 a.m.	Feb. 23, 2022, 2 p.m.	False	True	5	Spacey Space Sprockets	View	789 Orbital St	Space City	MS	24601	Edit
1003	18	Feb. 23, 2022, 10 a.m.	Feb. 24, 2022, 4 p.m.	False	True	9	Indtech, LLC	View	246 5th Ave	Metropolis	IL	24600	Edit
1004	5	Feb. 24, 2022, 11 a.m.	Feb. 25, 2022, 8 p.m.	False	True	13	Acme Inc.	View	123 Main St	Anytown	CA	12345	Edit
1005	14	Feb. 25, 2022, noon	Feb. 26, 2022, 8 p.m.	False	True	17	Wayland-Yutani Corporation	View	456 Nordstrom St	LV-426	TX	12345	Edit
1006	10	Feb. 26, 2022, 1 p.m.	Feb. 27, 2022, 10 p.m.	False	True	1	Widget Corp.	View	456 Market St	Otherville	NY	67890	Edit
1007	6	Feb. 27, 2022, 2 p.m.	Feb. 28, 2022, noon	False	True	5	Oscorp Industries	View	1352 Main St	New York	NY	78965	Edit
1008	8	Feb. 28, 2022, 3 p.m.	March 1, 2022, 2 p.m.	False	True	9	Gekko & Co.	View	789 Wall St	New York	NY	12345	Edit
1009	18	March 1, 2022, 4 p.m.	March 2, 2022, 4 p.m.	False	True	13	Utopia Planitia Fleet Yards	View	789 Enterprise Ave	Mars	RS	12345	Edit
1010	16	March 2, 2022, 5 p.m.	March 3, 2022, 5 p.m.	False	True	17	Dytentime Systems	View	246 Skyline St	Terminatorville	CA	67890	Edit

[Add Incoming Shipment](#)

Click the Monthly Shipping Reports button. This will bring up a listing of reports up to the current month.

Shipment Report

[Home](#) [Incoming Shipment](#) [Outgoing Shipment](#)

Year	Month	Select
2023	04	Select Report
2023	03	Select Report
2023	02	Select Report
2023	01	Select Report
2022	12	Select Report
2022	11	Select Report

Click Select Report to view the report.

Shipment Report

[Home](#) [Incoming Shipment](#) [Outgoing Shipment](#)

No incoming shipments for selected month

Outgoing Shipments

ID	Year	Month	Day	Arrived	Payment	Client	Shipping and Handling	Cost of Products
00001	2023	02	23	True	True	Acme Inc.	\$500	\$1003.83
00002	2023	02	22	True	True	Widget Corp.	\$500	\$2277.82
00003	2023	02	21	True	True	Gadget Corporation	\$500	\$603.8399999999999
00004	2023	02	20	True	True	Widget LLC	\$500	\$642.8399999999999
00005	2023	02	19	True	True	Umbrella Corporation	\$500	\$503.75
00006	2023	02	18	False	False	Stark Industries	\$500	\$328.78999999999996
00007	2023	02	17	False	False	OsCorp Industries	\$500	\$855.8
00008	2023	02	16	False	False	Spacely Space Sprockets	\$500	\$679.81
00009	2023	02	15	False	False	Gogpley Cogs	\$500	\$880.77
00010	2023	02	14	False	False	Munroch Solutions	\$500	\$1004.79

Note: The demonstrations data contains shipments dated 2023/02, 2022/02, and 2022/03. All other reports will be empty.

6 Maintenance Functions

Maintenance accounts can view, edit, and create all vehicle and maintenance records.

6.1 Add a Vehicle

On the navigation bar, click Vehicles to bring up a list of vehicles.

From the list of vehicles, click the Add Vehicle button at the bottom of the page to bring up the Add vehicle form.

Add vehicle

VehID:

Make:

Model:

Year:

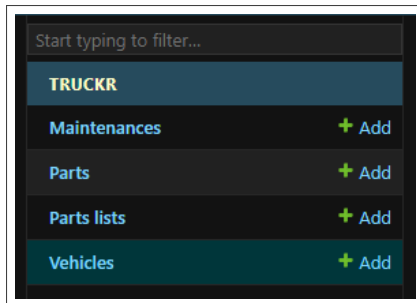
VehType:

LoadCapacity:

Height:

PartsList:

If the vehicle requires a new parts list, click Add next to Parts lists on the menu on the left side of the page.



6.2 View Vehicle Information

Click Vehicles in the navigation bar to bring up a list of vehicles.

Vehicles								
Home Vehicles Maintenance								
ID	Make	Model	Year	Vehicle Type	Load Capacity	Height	Details	
1	Peterbilt	379	2020	Semi-Truck	80000	150	Details	
2	Kenworth	T680	2021	Semi-Truck	80000	157	Details	
3	Veter	VNL 760	2021	Semi-Truck	80000	155	Details	
4	Freightliner	Cascadia	2020	Semi-Truck	80000	160	Details	
5	Mack	Anthem	2021	Semi-Truck	80000	160	Details	
6	International	L1625	2020	Semi-Truck	80000	158	Details	
7	Western Star	5700XE	2020	Semi-Truck	80000	152	Details	
8	Ford	F-150	2021	Pickup Truck	11000	70	Details	

Click the Details button in the Details field to view more information about the vehicle

Type: Semi-Truck Vehicle ID: 2 Description: 2021 - Kenworth - T680					
Parts List					
ID	Source	Cost	On Hand	Part Name	Edit
7	on hand	260	5	Fuel pump	Edit
8	on hand	123	25	Tire	Edit
9	on hand	445	30	Battery	Edit
10	on hand	39	5	Catalytic converter	Edit
11	on hand	416	12	Power steering pump	Edit
Add Part					
Maintenance Services					
Vehicle Maintenance Report					
ID	Description	Completed	Detail		
2	Related tires	Jan 10, 2022, 2:30 p.m.	Details		

6.3 Vehicle Report

From the vehicle detail page, click the Vehicle Maintenance Report button to bring up the vehicle's report.

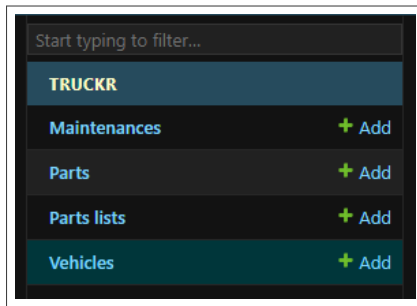
6.4 Add Maintenance Service

On the navigation bar, click Maintenance to bring up a list of all services.

Click the Add Service button at the bottom of the page to bring up the Add maintenance form.

Complete the form, and click Save at the bottom of the screen.

If the vehicle requires a new parts list, click Add next to Parts lists on the menu on the left side of the page.



You can also access this form from the vehicle details page.

6.5 Maintenance Report

On the navigation bar, click Maintenance to bring up a list of all services.

Click the Monthly Maintenance Reports button to bring up a list of monthly maintenance reports.

Click the Select Report button in the Select field of the table to view the maintenance report for that month.