

Tallinna Tehnikaülikool

PROJECT PROPOSAL

RATES FOR TRUCK DELIVERY

Author:

Tatjana Oleškevitš

Tallinn 2024

Content

Content	2
1. Description	3
1.1 Objective	3
1.2 Logic for user	3
1.3 Features	3
1.4 Technology Stack	3
1.5 Benefits	3
2. ER Diagram	5
3. Mock Ups of UI	6
4. Conclusion	7
5. Additional attachments	8

1. Description

1.1 Objective

To create a user-friendly web application that streamlines the road freight logistics and supply chain process for forwarders and other parties by providing an optimal rate from different carriers offers.

1.2 Logic for user

Logic for customer:

- 1) Client adds shipment plan and based on shipment plan information, incoterms and contracts program suggest best rates for the shipment
- 2) Customer choose more suitable rate by price, time of delivery
- 3) Customer can open saved shipment plans with chosen rate

Logic for forwarder:

- 1) Forwarder has an account in Trates with all the company information and information about company trucks.
- 2) Forwarders can see not taken shipment plans and give an offer.
- 3) Then forwarder can see if customer accepts or declines his offer.

1.3 Features

- User-friendly interface with a search bar, filter options, and a tender tool
- Tender tool to allow carriers to add their offers for the shipment added by the client
- API to connect the database to the front-end of the application

1.4 Technology Stack

TypeScript for the front-end

C# for the back-end

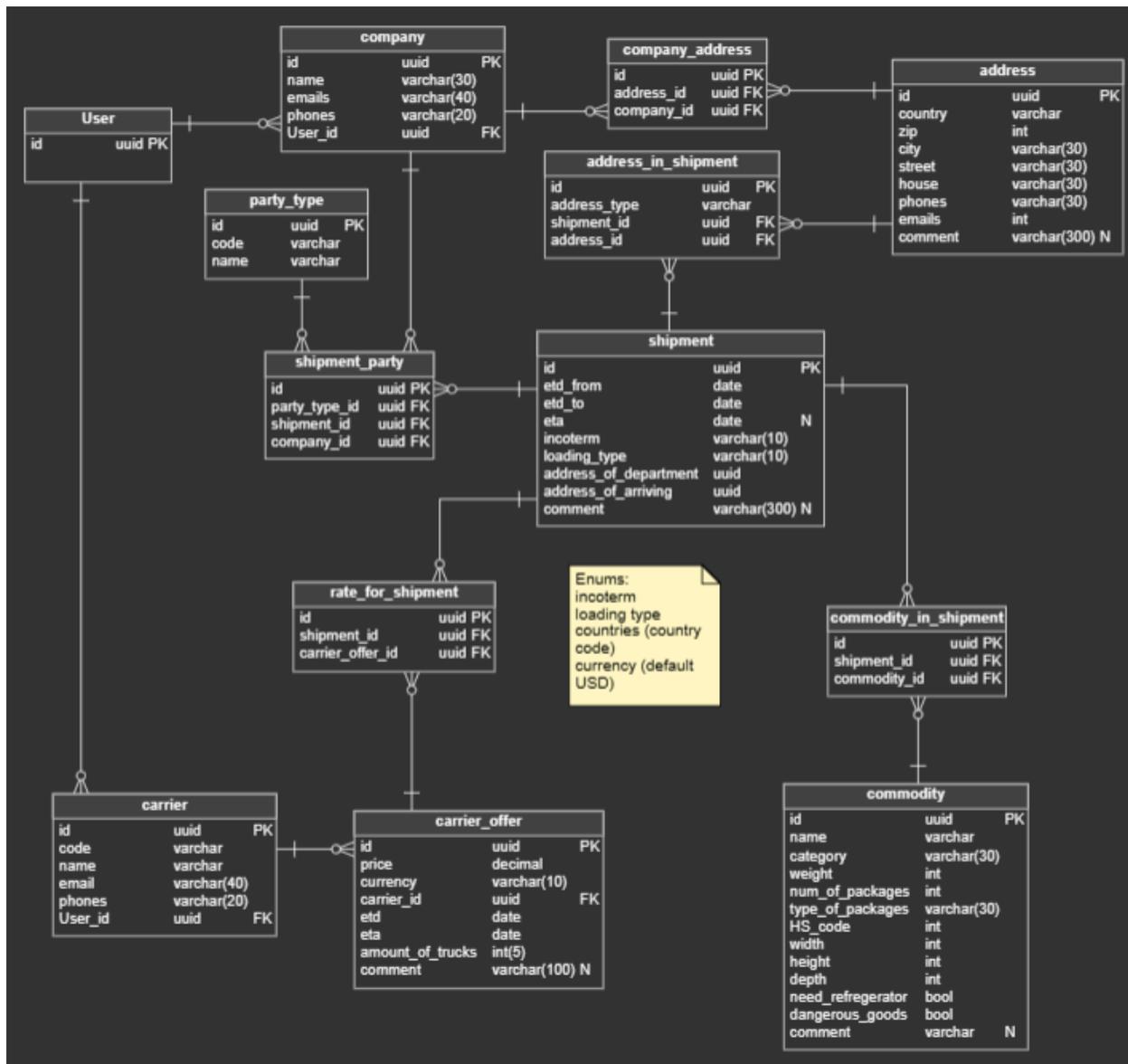
Postgres for the database

1.5 Benefits

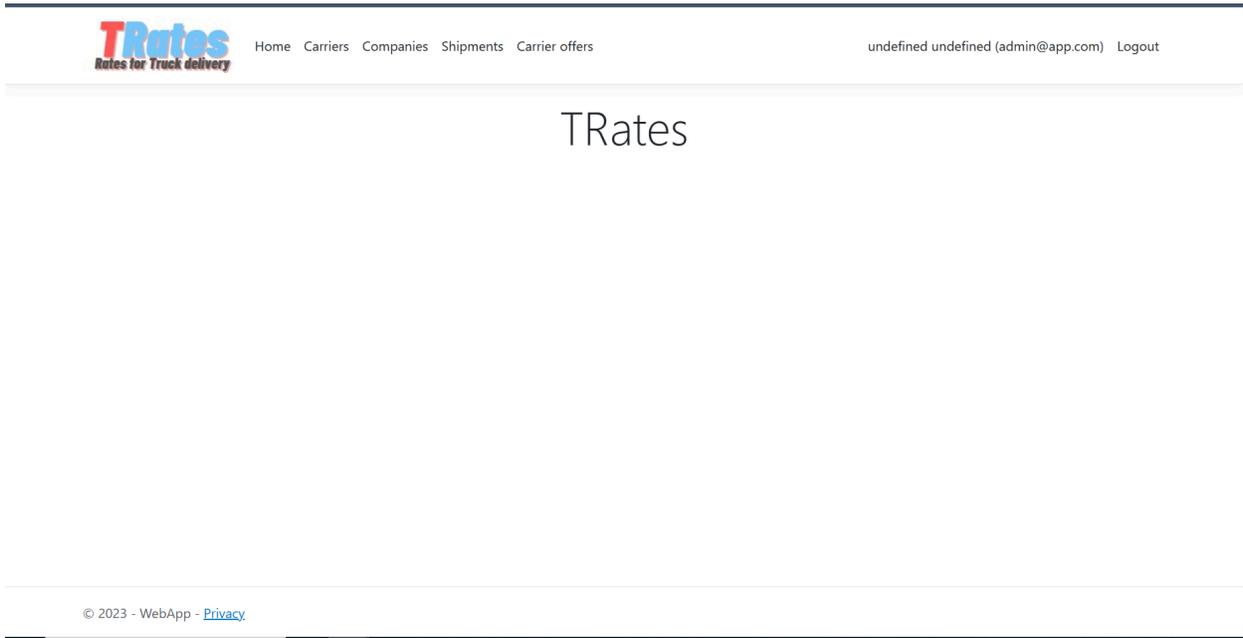
- Easy to use and navigate, saves time for forwarders and other parties
- Provides the best rates and delivery options for shipments
- Reduces errors and delays in the supply chain process

- Optimizes logistics and supply chain management for clients

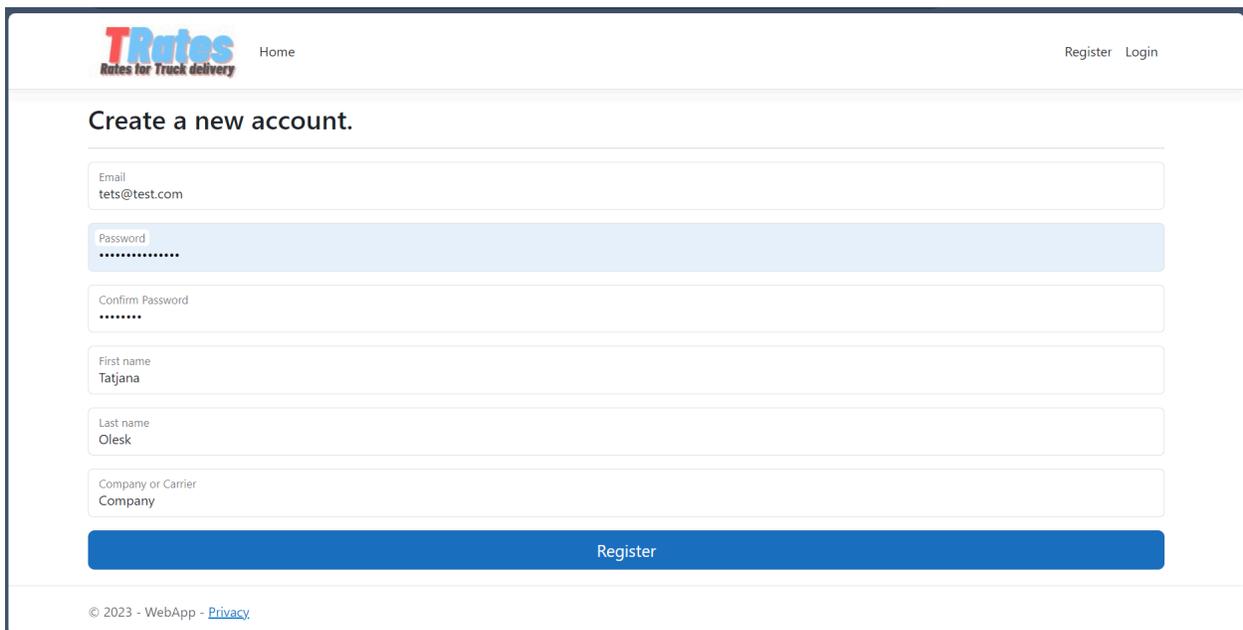
2. ER Diagram



3. Mock Ups of UI



Registration



4. Conclusion

The truck delivery supply chain web app will revolutionize the logistics and supply chain industry by providing an easy-to-use platform that offers the best rates and delivery options for shipments. With its user-friendly interface, secure login system, and powerful suggestion system, the web app will streamline logistics and supply chain management for forwarders and other parties.

5. Additional attachments



1. Logo