

Tallinna Tehnikaülikool

PROJECT PROPOSAL

# **RATES FOR TRUCK DELIVERY**

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Tallinn 2024

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# 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

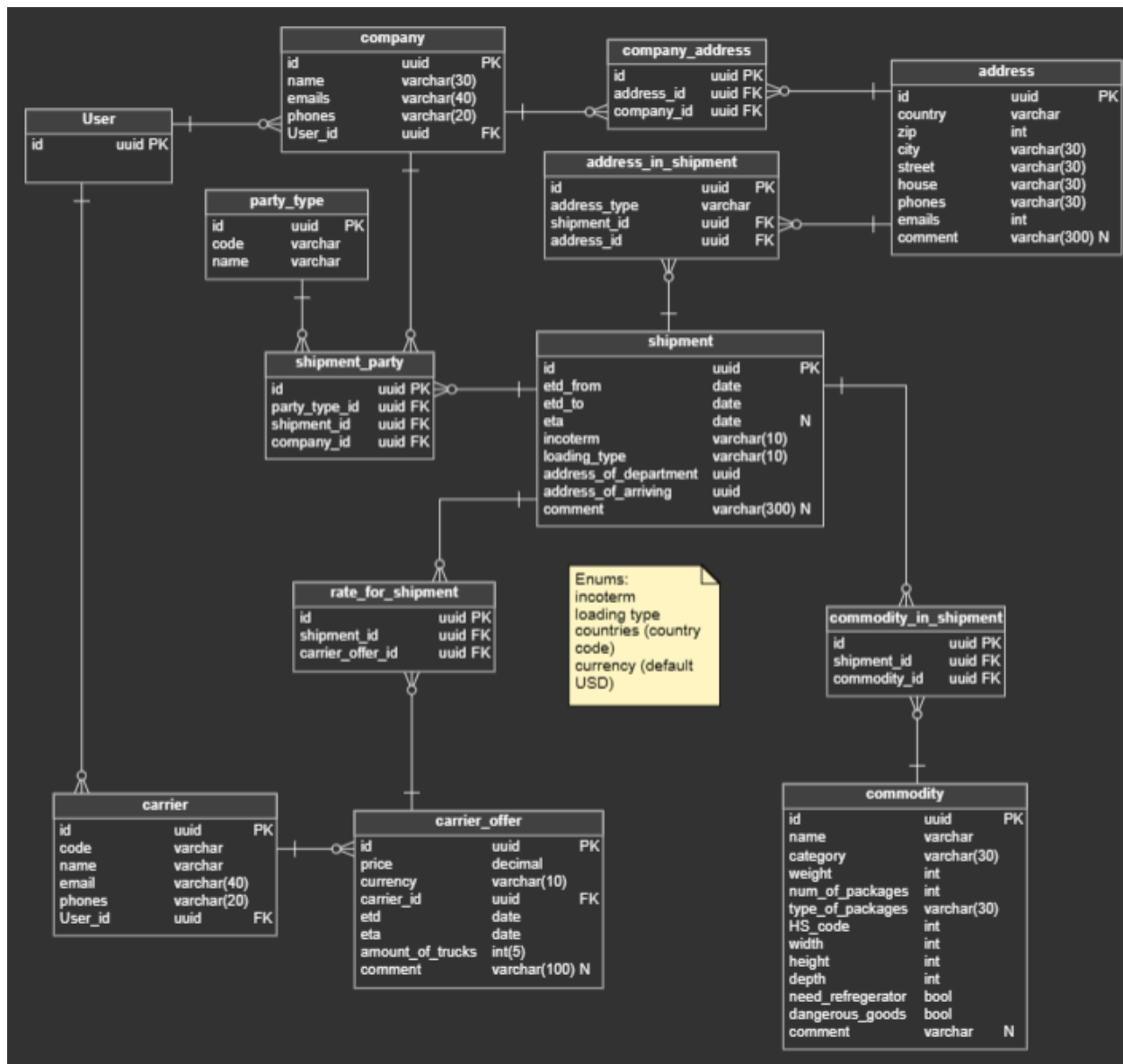
Postgres for the database

## 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




HomeCarriersCompaniesShipmentsCarrier offers

undefined undefined (admin@app.com)Logout

TRates

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#### Registration



Home

RegisterLogin

Create a new account.

Email  
tets@test.com

Password  
.....

Confirm Password  
.....

First name  
Tatjana

Last name  
Olesk

Company or Carrier  
Company

Register

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## 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