

TALLINNA UNIVERSITY OF TECHNOLOGY

School of Information Technologies

Ott Kossar 192885

DELIVERY SYSTEM

Distributed Systems

Supervisor: Andres Käver

Description

This project is meant to be to help people to avoid “empty drives in longer distances”, for example from one city to another city(from Tallinn to Tartu). And in other hand, it is meant to help people, who are searching transport to their shipments or themselves from one city to another city.

This system is based on ads posted by people who are offering their rides or people who are searching for transport. Of course, person, who offers transport can ask some amount of money, but this price should be lower than any other alternative in those conditions. Or just maybe some people are bored to drive longer distances alone and just wants company or maybe some people who have to work in other city than he or she lives can find some other person, with whom they can share expenses to drive to work.

In other hand, it happens a lot, that truck drivers have problem to find shipment to carry when returning from destination or they don't think about that it could be more beneficial to everybody, if they would not have empty rides.

Sharing a drive from one place to another by masses could help to significantly save fuels, money. And what is more important, because of that we can help to save the nature in this way.

User can choose if he or she wants to look or search transport offers or user can share his transport to some location.

System main look is similar to some site for example okidoki.ee where people are selling stuff. Big minus in okidoki.ee is that there is no view for people who want to buy something. Instead there is one line of ads where some ad is about buying stuff, everything else is about selling, and this site UI is only for selling. This Delivery system will have possibility to view transport offers and transport search ads separately

Everybody can register to be an user of Delivery system. If some Organisation wants to register, then they can initially register users for people who are representing them. In the future there will better options for organisations.

Users can save their Vehicles and Trailers to ease use of platform and avoid typing data every time they want to make new ad and offer their transport. They can specify if they want to travel with other persons, or they just want to deliver some parcels. Or both.

Users can also post ads about their needs of transportation. They can specify their parcel size and weight, so that persons, who are offering transport, can filter out depending on their needs and possibilities.

Users can submit their offers and transport needs to existing ad, so that other user can check if it fits for him, then he or she can reject it, accept or make some changes and submit back.

If users have found agreement, then they just wait for the transport time and meet in location that is marked as a pickup location. Then they can mark this transport as on delivery and if transport is finished, then they mark it as finished.

Analyze

In the end of the semester was too busy, and many things are unfinished. But MVP is achieved and users can add their adds to platform, they can make arrengments and submissions through platform. Main things are working, but there are things to do. Especially details and options for users to view their ads and saved data.

What went wrong? Didn't had enough time to make it more comfortable. Dropped the adding organisations and users can belong to some organisations, because of lack of time.

What went good? MVP is working.

