

Assignment 1

Problem Statement

We are developing an application that calculates routes for logistics companies.

App Description

Managers can input the quantity of merchandise to be shipped, the beginning and end destinations. The application will be able to monitor the number of resources available (drivers, trucks etc.) and offer information about the possible routes, arrival times, costs and profit of the shipment.

Requirements:

1. Map view - Iunia
2. A* path calculating algorithm - Fabi
3. Table with client transports - Vlad
4. Resource management - Geo
5. Route price and profit - Calina
6. Authentication: users admin login - Razvan