

<i>Warehouse</i>
- name : String - id : double - location : double[] + fleet : ArrayList<Truck>
+ Warehouse(name: String, id: double, longitude: double, latitude: double) + getTrucks(): ArrayList<Truck> + getName(): String + setName(name: String): void + getId(): double + setId(id: double): void + getLocation(): String + getLongitude(): double + getLatitude(): double + setLocation(longitude: double, latitude: double): void + getFleet(): ArrayList<Truck> + setFleet(fleet: ArrayList<Truck>): void + addTruck(truck: Truck): void + updateTruck(index: int, updatedTruck: Truck): void + removeTruck(index: int): void

<i>GoogleMaps</i>
+ getName(lati: double, longi: double): String + getPolyline(lati1: double, longi1: double, lati2: double, longi2: double): String

<i>WarehouseManagementWindow</i>
- warehouseLabel: JLabel - warehouseNameLabel: JLabel - truckDropdown: JComboBox<String> - truckInfoTable: JTable - addTruckButton: JButton - deleteTruckButton: JButton - updateTruckButton: JButton - openRouteURLButton: JButton - warehouse: Warehouse + wrlongitude: double + wrlatitude: double + rightPane: JPanel + routeBegin: double[] + routeEnd: double[]
+ WarehouseManagementWindow() + getImageMap(polyline: String, wrlong: double, wrlati: double, lic: String) + saveImage(imageUrl: String, destinationFile: String) - generateRandomData() - updateTruckDropdown() - updateTruckInfoTable(truck: Truck) + main(args: String[])

<i>APIKeys</i>
- googleAPI : String - mapBoxAPI :String
+ getGoogleAPI() : String + getMapBoxAPI() : String

<i>Truck</i>
- numberPlate: String - goods: String[] - singleDriveTime: double - currentLocation: double[] - polylineString: String - fuelEfficiency: double + name: String + routeBegin: double[] + routeEnd: double[]
+ Truck(name: String, numberPlate: String, goods: String, singleDriveTime: double, longitude: double, latitude: double, routeBegin: double[], routeEnd: double[], drivingSpeed: double, fuelEfficiency: double, polylineString: String) + getName(): String + getPolylineString(): String + getNumberPlate(): String + getGoods(): String[] + getSingleDriveTime(): double + getCurrentLocation(): double[] + getRouteBegin(): double[] + getRouteEnd(): double[] + getTotalDriveTime(): double + getDrivingSpeed(): double + getFuelEfficiency(): double + setName(name: String): void + setNumberPlate(numberPlate: String): void + setGoods(goods: String[]): void + setSingleDriveTime(singleDriveTime: double): void + setCurrentLocation(currentLocation: double[]): void + setRouteBegin(routeBegin: double[]): void + setRouteEnd(routeEnd: double[]): void