Team members:
Gabriel Avezum
Lucas Correa
Alberto Parenti
Danilo Arfelli

Company name: GLAD logistics technology

GLAD is a startup created in 2019 as a logistics service to make a tailor made, faster and less complicated delivery system. Works as an intermediate among delivery drivers and people based in Portugal that need to receive or deliver any kind of merchandise and guarantees a delivery in less than 24 hours.

The main platforms that GLAD operate are the website *www.gladtech.com* or with the app *GLAD* where the people that need the delivery service and the people that want to work as a driver can apply/use the app for both services and track the merchandise. In this sense GLAD has two costumes.

GLAD has its own delivery fleet that can be cars and bikes and some physical agencies to auxiliate a driver with any problems. In that way when the customer uses the service GLAD can allocate the best and most suitable delivery driver to the customer.

To be part of GLAD driver's fleet the person needs to download the app named GLAD and select the 'be a GLAD driver's option' and will need to send some information as:

1. Driver's licence number.
2. Information of transportations: Car or bike.
3. Authorize to share the geolocation.

Within seconds GLAD will perform a validation to authorize the driver to work. In the driver's section he will receive the routes that will be needed to perform, the driver can accept or not the route.

The product that GLAD offers are:

1. Delivers made from Natural person (physical person):

In this case any person can use the website or app to deliver something to another location within Portugal. The person just to be registered in GLAD platform and when open it needs to input some information as:

I. The pickup address and a responsible.
II. The destination address and a responsible.
III. Not mandatory but highly suggested a description for what needs to be done to make the delivery driver job easier.

With all this information GLAD will allocate a driver and charge a fee to the customer the driver will receive a percentage of the fee and when the delivery is done the customer can rate the driver's job in a scale range 1 to 5 where 5 is the best and 1 is the worst.

city
- 🔑 id_city INT
- ◇ city_name VARCHAR(45)
- Indexes

order_log
- 🔑 id_order_log INT
- ◇ status_time TIME
- ◇ status_date DATE
- ◆ id_order INT
- ◆ id_order_status INT
- ◇ id_city INT
- Indexes

order_status
- 🔑 id_order_status INT
- ◇ order_status VARCHAR(45)
- Indexes

customers
- 🔑 id_customer INT
- ◆ id_person INT
- ◆ id_location INT
- ◆ id_customers_status INT
- Indexes

customers_status
- 🔑 id_customers_status INT
- ◇ customers_status VARCHAR(45)
- Indexes

location
- 🔑 id_location INT
- ◇ street_address VARCHAR(250)
- ◇ number VARCHAR(45)
- ◆ id_city INT
- ◇ longitude FLOAT
- ◇ latitude FLOAT
- ◇ zip_code VARCHAR(45)
- Indexes

orders
- 🔑 id_orders INT
- ◆ id_driver INT
- ◆ id_customer INT
- ◇ id_location_pickup INT
- ◇ id_location_delivery INT
- ◇ price_delivery DECIMAL(10,2)
- ◇ drivers_fee DECIMAL(10,2)
- ◇ distance_KM DECIMAL(10,2)
- ◆ id_package INT
- ◆ id_person_pickup INT
- ◆ id_person_delivery INT
- ◇ rating INT
- ◇ instructions VARCHAR(255)
- Indexes
- Triggers

people
- 🔑 id_person INT
- ◇ first_name VARCHAR(45)
- ◇ last_name VARCHAR(45)
- ◇ date_of_birth DATE
- ◇ date_registration DATE
- Indexes
- Triggers

package
- 🔑 id_package INT
- ◇ package_type VARCHAR(45)
- Indexes

drivers
- 🔑 id_driver INT
- ◆ id_person INT
- ◇ NIF BIGINT
- ◇ drivers_license INT
- ◇ type_of_vehicle VARCHAR(45)
- ◆ id_location INT
- ◆ id_status INT
- Indexes

driver_status
- 🔑 id_status INT
- ◇ status VARCHAR(45)
- Indexes