

5. Project Report

Description:

This is a database I created in MySQL on phpMyAdmin. It is a database for a car dismantlers. A customer rings up the dismantlers and orders a part for their car. The database consists of seven tables:

- Customers
- Orders
- Cars
- Parts
- Parts_in_order
- Car_Make
- Parts_for_cars

In this database there is originally no suppliers table as I see the car dismantlers themselves as the suppliers, however I did add a suppliers table later as an example as one of the queries.

The customers table is linked to the orders table through Customer_id, therefore customer_id is a primary key in customers and a foreign key in orders.

The orders table is linked to the parts_in_orders table through order_id, making order_id a primary key in the orders table and a foreign key in the parts_in_orders table.

The Parts table is also linked with parts_in_order through part_id, part_id is a primary key in parts and a foreign key in parts_in_orders

The cars table is linked with the parts_for_cars table through car_id, car_id is a primary key in cars and a composite primary key in parts_for_cars.

Parts_for_cars is also linked with parts through part_id, part_id is a primary key in parts and part of the composite key in parts_for_cars.

Car_make is linked with cars through car_make_id, car_make id is a primary key in cars and a foreign key in car_name.