MotoShop Requirements Specification

- The shop's main purpose is to perform motorcycle sales, rents and revisions. Motorcycle's are characterized primarily by their frame number as well as their brand, model, engine size, horsepower and year.
- These motorcycle's can be of three different types: Owned by a customer and represented by a license plate and the total number of kilometers. Rentable, placed in the different store's MotoStations and tagged with a price per kilometer and a total number of kilometers. Owned by the store (Stock motorcycles) and tagged by a price.
- Each customer is characterized by their NIF and also their name and address. Customers don't necessarily own a motorcycle, but they can own more than one.
- Rentable bikes are rented from MotoStations by customers.
- A MotoStation is a place where the store places their rentable bikes. They are characterized by their location, number and their total motorcycle capacity.
- Other features, like bike selling and revisions, are provided by Staff members, characterized by their Employee number, name and address. Staff members can be mechanics or salesmen.
- Salesmen work in the various stands and they sell motorcycles(Stock) directly to customers.
- Each stand has an inventory of motorcycles in stock.
- A Revision can be performed to any motorcycle, be it Rentable, Owned or Stock. It is done in a Workshop by a staff member of the mechanic's group.