

Requirement Analysis

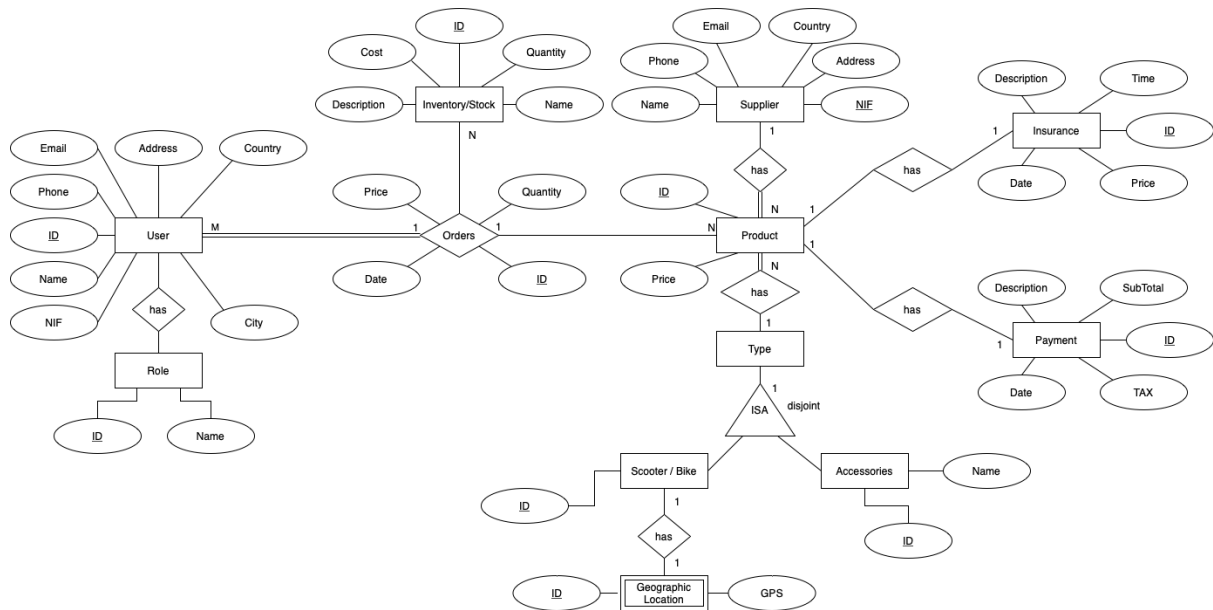
FUNCTIONAL ONES:

1. System should provide a wide range of module network of bikes and scooters
2. The Renting process should allow users to request a product and make the payment via MBWay, PayPal, Visa, etc.. depending on the product usage time
3. The service must assure an insurance as well as a tracking device for each product, to make sure of the state and location of these.
4. The system should provide its users with a set of instructions detailing how to handle each product, as well as a summary of the street code. This will enable users to understand the proper usage of the product and the applicable regulations that they should follow when using it.
5. The system should prompt the user to indicate how they are feeling before using the product and warn them about the potential dangers of using the product while under the influence of alcohol or other substances that can significantly alter their emotions. After providing this information, the system will not be held responsible for any irresponsible actions taken by the user.

NON - FUNCTIONAL ONES:

1. The use of the Renting service must be possible at any time of the day, in order to maintain the 24/7 availability, thinking about night-shifter workers and people who like to go out at night that are not under the influence of alcohol or other substances.
2. Each product must have a fortified and secure locker to prevent theft or even vandalism
3. The system must not reveal / keep safe personal information of its users

Diagrama Entidade-Relacionamento



Esquema Relacional

