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# APLICACIÓN SISTEMAS GEOREFERENCIADOS

**PROJECT DOCUMENTATION** 

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#### **Problematic**

Noting that because of COVID 19, people in our days have begun to create a great distrust in what comes at the time of interacting with the largest number of people at some point, being so that people prefer to make any type of order at home, where any type of interaction of agglomeration of people is avoided. This has come to apply to many senses, including cleaning services, in this case cleaning their cars.

Being that at the time of wanting to take people their cars to a car wash, we find ourselves with the disadvantage of being always, in a place of great risk where we will have to wait up to 1 hour in a waiting room that becomes too crowded. Creating a distrust towards this type of car wash centers, creating that they have less influx of people creating economic losses to the investors of these.

### **Proposed Solution:**

Therefore, it is proposed, the development of an integrated system of requests for car wash at home, in which people who already have a motorcycle adapted for this type of services have become more frequent. However, they place all their orders from voice to voice, without really expanding their market. Giving us as a solution a system directly for the washers and another for the users, where the washers will be able to reach a home more easily without getting lost. And likewise, users can request a washer depending on the service they require for their car.

## Objectives:

#### General:

• Develop a system which allows washers to reach the destinations which the client requests from their home.

#### Specific:

- Support the economy of the people involved in these services.
- Increase the demand for car washes.
- Help car owners keep their vehicles always clean.
- Avoid agglomeration points in car wash centers.

# Scope:

The initial scope is proposed for the northwestern part of the city of León Guanajuato, where there are several areas of surplus value, where the great increase of this type of services in the city has been noticed.

### Limitations:

It has been considered the distrust that a car owner could have when allowing an "unknown" person to manipulate his vehicle.

The application is totally tied to the small donation that people who offer this type of services can provide for the maintenance of the developed system.

# Schedule

