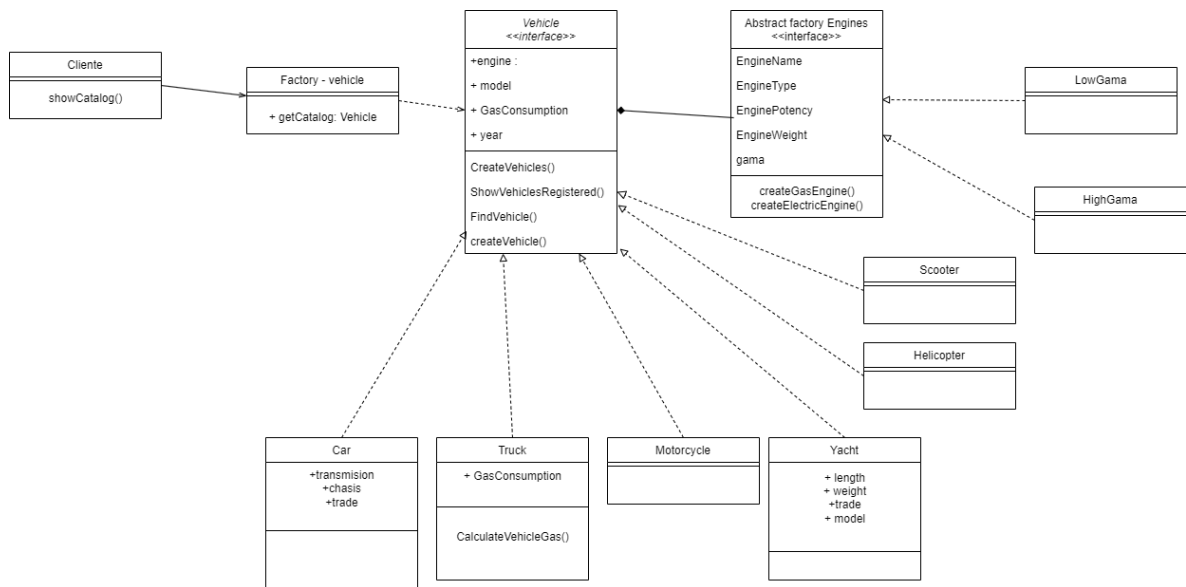


Technical report about workshop 2

Software Modeling

By: Xiomara Arias

- Class Diagram;



In this context, some functions were deleted, such as creating an engine, and the necessary attributes were added, along with the new vehicle types. The Factory design pattern for vehicles was applied, since it allows to have the same attributes and functions, given by a factory interface.

Also, an Abstract Factory composition is used for engines, because this allows to create a factory factory, since there are electric and gas engines, which can be manufactured as low or high range.