# Technical report: Third workshop advanced programming

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**User stories**

-As a customer I want to have access to a menu to be able to give the specifications of the vehicle I want to buy.

-As a customer I want to have an option in the menu called engine type, to define the type of engine I want in my vehicle.

-As a customer I want to have options in the menu to choose each available vehicle, to create the vehicle I want to buy.

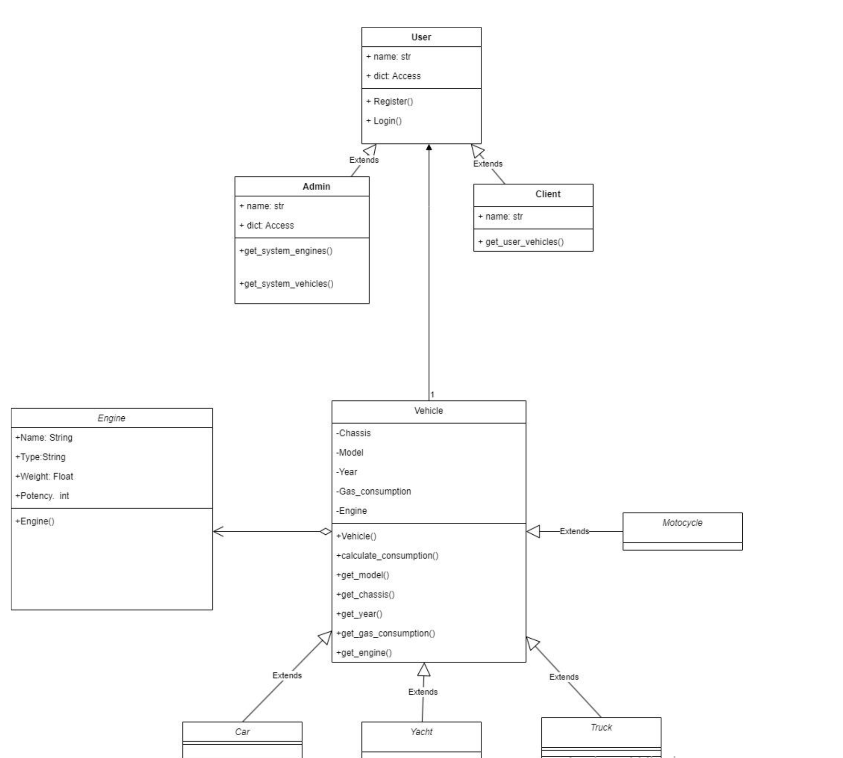
-As a customer I want to have the option in the menu to review the vehicle I have designed, to verify the complete characteristics of the vehicle.

-As an administrator, I would like to have the option to review the vehicles created so far, to determine which vehicles the company offers.

-As an administrator, I want to have the option to review the engines created so far, to determine which engines the company offers.

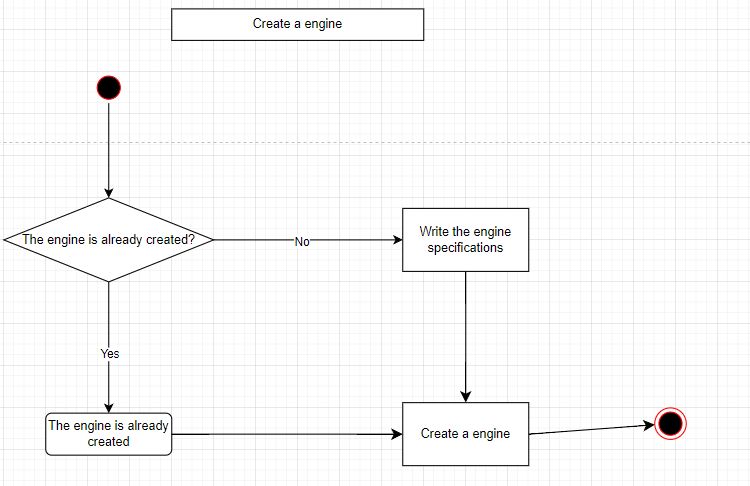
-As a user (Admin, Customer) I want to have a way to log in, to identify myself in a unique way in the system.

Class diagram

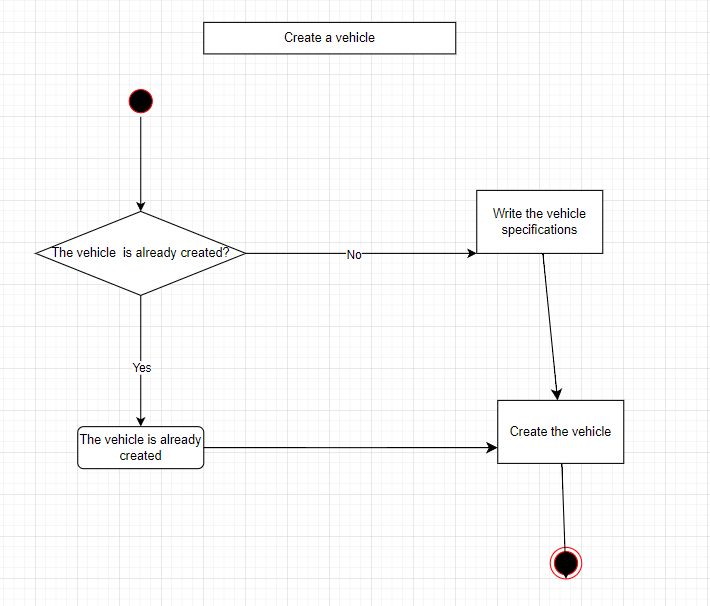


**Activity diagrams**

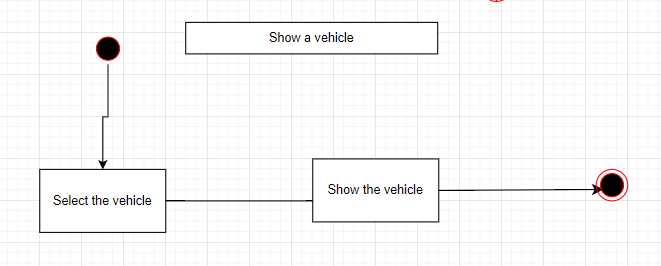
**Create a engine**

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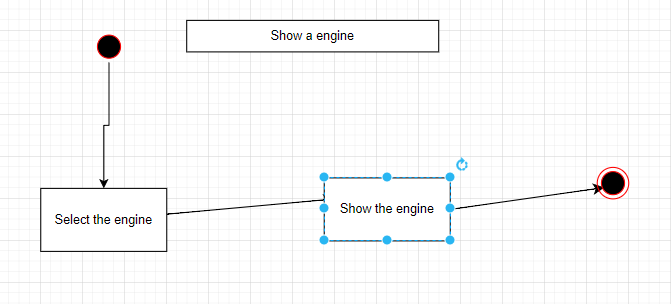
**Create a vehicle**



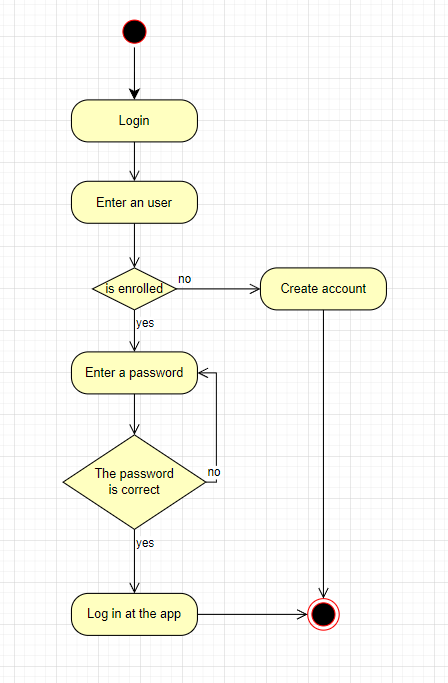
**Show vehicle**

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**Show engine**



**Login**



**UI Prototypes:**

